Our Services

Product Engineering

Accelerate product development for faster GTM with our two decades of deep expertise in end-to-end product engineering services.

Digital

Realize your digital dream by choosing the right path for digital transformation with our digital transformation services and solutions.

DevOps

Automate software product development process with an agile approach. Implement DevOps and SRE solutions with Calsoft's decades of product engineering expertise.

Intelligent IT

Embed intelligence in your mundane IT operations and processes for faster resolution and better productivity by implementing our ITOps and ITaaS solutions

Sustaining & Support

Focus on your core product innovation and business expansion, as we help you with sustaining and support services for your products already in the market.

UX/UI Engineering

Build meaningful experiences for your products with our UX/UI engineering services that range from designing information architecture to product development and beyond.

Managed Testing Services

Move away from conventional quality assurance and embrace a wholesome approach of quality engineering with our intense experience in quality engineering and value testing.

Generative AI

Innovate, re-engineer, and transform your products and platform with our capabilities into providing Generative AI services and solutions.

Calsoft Differentiators

25+

Years of Expertise

300+

Global Customers

1,500+

Thinkers & Innovators

10+

Partnerships

100+

Opensource Projects Delivered

10+

Platforms we Work on

Spotlight

Webinar

How AI is Shaping the Future of Testing

As per the World Quality Report, 2022-23, more than 23% of organizations are certain that the use of AI in testing can improve their test strategy. AI-driven testing is one of

the biggest areas of growth planned in these organizations. To focus on the "smart QA" approach, Calsoft presents an exclusive webinar on how to induce AI into the world of testing.

Page Name:

Our Services

PRODUCT ENGINEERING

Calsoft delivers software product engineering solutions—right from designing to deployment.

DIGITAL

The Age of Digital demands organizations embrace change on two fronts – upgrading their technology & operations.

DEVOPS

Calsoft's large pool of DevOps consultants has created a dedicated Center of Excellence to accelerate DevOps implementations.

INTELLIGENT IT

Calsoft helps organizations accelerate their IT support & service management processes by adopting the Intelligent IT approach.

SUSTAINING & SUPPORT

To enable product sustenance and sustainable IT support, Calsoft provides intelligent sustenance engineering frameworks.

UI/UX ENGINEERING

Software products, apps and websites can be built and designed uniquely with Calsoft's UI/UX principles and front-end interface developments.

QUALITY ASSURANCE

With the right quality checks, Calsoft ensures your products yield only the best performance in diverse environments.

MOBILITY

Calsoft curates and designs the best-fit mobile strategy to keep your end-users engaged with intuitive UIs and mobile app features.

Software Product Engineering Services

Preferred Software Product Engineering Services Partner for Global ISVs & Enterprises

Datacenter | Cloud | Telco | Security | Manufacturing

Calsoft specializes in comprehensive software product engineering services, encompassing every phase from design to deployment. Our expertise in product innovation and modifications can be leveraged at any stage of the product life cycle. We tailor our development strategies to align with the product's current market phase, ensuring effective product life cycle management. Our managed services framework offers customers a competitive edge through proactive process enhancements and sustainable value additions. We have established ourselves as a trusted partner to leading ISVs in the domains of storage, networking, virtualization, cloud, IoT, and AI/ML.

Design, Develop, Test, and Modernize Your Software Products & Platforms

Product Development

Our product development offerings include product innovation, re-engineering, customization, optimization, and migration. We work with our customers to design and deliver intelligent products, resulting in optimized R&D investments.

Plugin Development

We help our customers to develop customized ServiceNow plugins. We also certify their solutions for featuring in the ServiceNow store and provide data center and SOAR support. Our expertise extends across all major hypervisor providers including VMware, Microsoft, Linux, and Citrix.

Product Modernization

We assist our customers with the development of scalable and robust products – from portfolio planning, replatforming, and rearchitecting to complete localization and maintenance – meeting their changing business needs.

Product Support

We assist our customers in managing product performance and costs – right from design to end-of-life (EOL) and end-of-service (EOS), so they can focus on other business aspects such as innovation, customer acquisition & retention, and more.

Ecosystem Integration

We support organizations in seamlessly automating and integrating their processes for higher efficiency and improved productivity. Get the most out of new and legacy technologies and build automated processes around them to keep your business on the growth path.

Product Testing

Faster product roll-out is the key to penetrating the mainstream more effectively in this fast-changing market landscape. This calls for product testing methodologies

that align with the evolving PDLC. Calsoft helps its customers with end-to-end software testing to deliver products that tick the right boxes with regards to quality.

Technology Coverage

CLOUD

Cloud Migration Services, Cloud Native Development, CloudOps, Cloud Engineering & SaaSification, and more...

SECURITY

Network Security, Cyber Security, Endpoint Security, ServiceNow Security Operations, and more...

IOT

Platform & Application Development, Edge & Gateway Development, Security Services, and more...

AI/ML

Smart Datacenter Operations, AIOps, AI Workload Management, and more...

STORAGE

Vendor Integration, Array Management, Storage Management, Backup & Recovery, Firmware, Caching, and more...

VIRTUALIZATION

Server, Desktop & Network Virtualization; Plugin Development & Integration Services for VMware, ServiceNow, Microsoft; and more...

NETWORKING

Edge Computing, Application Modernization, Container Orchestration, Data Services Integration, and more...

Industry Coverage

ISVS

Product & Plugin Development, Digital Innovation, Technology Consultancy, and more...

DATA CENTERS

ServiceNow Integration, Infrastructure Automation, Edge Computing, and more...

NETWORKING & TELECOM

Cloud Development & Deployment, Ecosystem Integration, Sustaining Engineering, and more...

RETAIL

Cloud Native Development, Cloud Migration, Ecosystem Integration, and more...

Page name:

Software Product Development

Businesses across various industry verticals recognize Calsoft for its 25 years of experience delivering comprehensive software product development services. Our expertise spans innovation, re-engineering, customization, optimization, and migration, ensuring the development of intelligent products that maximize R&D investments.

By leveraging advanced technologies and industry best practices, Calsoft transforms concepts into market-ready solutions, driving competitive advantage and business growth. Our collaborative approach and deep domain knowledge ensure that every product meets performance and scalability standards.

Ideation

We assist our customers in assessing their product requirements and plotting a roadmap for product development and release.

AWS Test Drive For Storage Product

Calsoft assisted a storage equipment manufacturer in creating an AWS test drive for showcasing their product in the AWS environment.

Our Offerings:

Custom Architecture Development

Feature Benchmarking

Proof of Concept

Design & Development

We envisage and execute a product strategy that aligns with the target market segment with our offerings that include:

Prototype Development

End-to-end Product Development

Usability Engineering & Multilingual Support

User State Migration Solution

Calsoft developed a backup & restore tool for the customer to remove their dependency on a Microsoft USMT solution.

Testing & QA

Our end-to-end testing solutions leverage advanced testing tools & techniques, and are driven by our passion to deliver top-notch products and services.

Testing For High End NAS Server

Calsoft assisted the customer in the gap analysis of their existing test approach and augmented their NAS testing to the next level.

Our Offerings:

Planning Test Strategy

End-to-end Test Execution

Test Automation

Customer Focused Testing

Deployment & Sustaining

We provide product enhancement, maintenance, and support with end-to-end product life cycle services that include:

On-site Testing & Deployment

Feature Enhancement

Integration, Porting, and Migration

SEE OUR BEST WORK

Development Of Comprehensive Cloud Management Platform

As the customer's development partner for their continuously evolving cloud management platform, Calsoft worked on feature enhancements such as network automation, addition of multiple platforms & technologies as service catalog items, and more.

Related Resources

Product Development the Behavior Driven Way

Business leaders are in a tough spot to roll out products in a timely fashion with high quality or risk losing market share. Technology ever changing has simultaneously enforced a change in product development methods.

[Listen Here](#)

Webinar on ServiceMesh Architecture

The webinar presentation focused on the background of service mesh, its working, security aspects, functionalities, business cases, and a demo.

[Request Recording](#)

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This article is originally published on TheNewStack. We are re-publishing it here. Software-based services delivered to endpoints are composed of different sub-application components. Currently, any such services are using typical…

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Microservices: Software Architecture for Faster Time to Market and Advanced Delivery of Services

To highlight the potential of microservices to disrupt the competitive growth of every businesses and help understand the key technical specification, we have constructed this ebook. In this ebook we will cover: Microservices Basics, Features, Characteristics, and the Microservice Architecture's Business Benefits.

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Why Containerize Traditional Application

This document features the evolution, trends, benefits, and drawbacks of using Container technology and explains why we need to modernize traditional applications with the help of this technology.

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Page Name:

Product Modernization

Calsoft brings 25 years of expertise in product modernization, ensuring the products remain competitive in the evolving technology landscape. Our comprehensive approach addresses technical debt, user experience enhancement, and integration of cutting-edge technologies.

Offering services like legacy application revamps, UI/UX modernization, and technology upgrades, we deliver future-ready solutions with minimal business disruption. Transform your legacy systems into robust, scalable, and secure products with Calsoft, optimizing costs and maximizing business value.

Application Assessment

We conduct gap analysis for the existing application to comprehend and map the phases, to either improve or renew the existing application.

Application Modernization for Financial Domain

Calsoft helped a FinTech customer to transform their legacy applications to efficiently utilize their datacenter infrastructure and reduce CAPEX/OPEX.

Request

Our Offerings:

Reviewing Application Architecture, Identifying Components as Part of the Assessment Phase

Function Validation for All Functionalities at Scale, Stress and Negative Scenarios

Mapping the Components to Cloud Vendor Workflows for Efficient Resource Scale-out and Scale-back

Learn More

Application Remediation

We assist in devising and executing an application remediation strategy. This involves features upgrade or enhancement of the existing functionalities in the application to fit it in the latest agile and scalable frame. Our offerings include:

Resolving and Redefining Component Communications from IPC/Shared Memory to HTTP

Deploying and Testing Component Communications for Secure Transactions

Component Compliance with REST APIs and Web APIs

Accounting for new feature deployment, bug fixes, and upgrade scenarios

Learn More

SEE OUR BEST WORK

Application Monitoring Using TIGK Stack For A Supply Chain Management Client

Calsoft assisted a leading supply chain management company to build and port their infrastructure monitoring solution to the TIGK stack.

Request

Application Migration

Application remediation can't fix all the missing elements in legacy applications; in such cases, the application needs to be migrated to a standardized ecosystem.

Product Development for Creation of Scalable And Reliable Storage Infrastructure

Calsoft created a scalable and reliable storage infrastructure for the customer, providing efficient network data management without disrupting user productivity.

Our Offerings:

Application Re-hosting, Re-architecting, and Re-factoring

Migrating Applications from Traditional Architecture to a Microservices-based Architecture

Application Containerization, Cloud Native Application Development, and Application Integration with Cloud Platforms

Application deployment, CI-CD pipelines, monitoring, intelligent analytics, UX/UI, and more

Learn More

Related Resources

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Plugin Development

Calsoft helps product companies develop plugins that manage storage subsystems from a single UI and perform a common set of storage provisioning and compute tasks without the need to switch between multiple management interfaces. Calsoft's plugin development expertise extends across all major hypervisor providers including VMware, Microsoft, Linux, and Citrix.

VMware vCenter

Development of plugins for vCenter that provide centralized automation, visibility, and proactive management from the usual VMware web client console.

vCenter Plug-In Upgrade to Flex-Based Interface

Calsoft helped the customer upgrade the vCenter Plug-in to Flex-based interface, which supported the new VMware vSphere Web Client (VWC) deployment architecture.

Request

Our Offerings:

Storage Visibility with ESX and VM

Automation of ESX Host Configuration

Storage Provisioning within vCenter and across All Available Protocols for Increased Storage Efficiency

Support for Array-based, VM-consistent Snapshots

Integration with VMware View for Provisioning & Deployment

Implementation of RAID Protection

vRA & vRO Integration

We help cloud providers to integrate vRO client software within their vRA provisioning process and improve the efficiency of VM provisioning in the virtual cloud. We work on:

Workflow Implementations for vRO Client Software Integration

Workflows for vRA Integrations

Provisioning Test Resources using Workflows through vRA

Integration of vRealize Orchestrator with vRealize Automation

The engagement underpinned implementing workflows that integrate with the client software, integrating these workflows with vRA, and test resource provisioning using these workflows through vRA.

Request

ServiceNow

Our extensive experience of SOAP and REST web services has enabled us to develop customized ServiceNow plugins for integrations with any third-party applications or tools.

ServiceNow Plugin for vRealize Automation

Calsoft developed a ServiceNow plugin to enable provisioning of vRA resources from the ServiceNow Platform.

Request

Our Offerings:

Conceptualization of ServiceNow Integration for Applications or Platforms

Development of Customized ServiceNow Plugins

ServiceNow Certifications for Custom Developed Plugins

OpenStack

We assist ISVs in developing a wide range of plugins for OpenStack projects such as Neutron, Cinder, Ceilometer, Manila, and more. Our offerings include:

Cloud Management Platform (CMP) services

OpenStack plugin development

OpenStack monitoring

OpenStack deployment

OpenStack testing

SEE OUR BEST WORK

UCS OpenStack Installer UI

Calsoft provided a SAAS-based solution to deploy, install, and monitor OpenStack services on Client-UCS platform.

Request

Kubernetes Plug-in Development

Kubernetes uses associated cloud-native technologies to provide complete, orchestrated services. We provide customized or ready-to-use integration solutions based on the application's requirement. Our offerings for Kubernetes plugin development include CNI and CSI plugins for easy interoperability, and traffic and cluster management. Fast-track product development with complete reliance of Kubernetes-related tasks on us.

Kubernetes plugin for Edge Compute Controller

Calsoft helped the customer, a startup making whitebox networking switches, to develop a Kubernetes plugin for its Edge Compute Controller.

Request

Key Highlights

VMware VRO Plugin Development For Flash Array Based Storage

Calsoft is engaged with the client to develop a vRO plugin. The plugin helps in running the workflows and perform multiple operations on storage infrastructure.

The engagement underpinned:
- Development of plugin
- Bug fixing
- Certification

Request for success story

Related Resources

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Product Support

The real task of any product company begins after selling their product. Post-Sales customer satisfaction is one of the most crucial factors deciding the product's positioning in the market. Good product support strategy is intelligent marketing. Calsoft assists with end-to-end product support, so businesses can focus on innovation, customer acquisition & retention, and other strategic aspects.

Product Re-engineering

We help our customers transform their existing products to meet current and future business demands. Our offerings include Code Optimization & Re-factoring; Fine-tuning of Architecture and Design; Usability Engineering; and Competition Analysis.

Migration of NSX-MH to NSX-Transformers

Calsoft assisted the customer in the migration of NSX-MH to NSX-Transformers.

SEE OUR BEST WORK

Continuous Delivery – Continuous Deployment Pipeline

Calsoft helped the customer automate and fast-track infrastructure deployment and vendor product deployment.

Product Deployment

Hassle-free product installations, timely system upgrades and resolution of issues is vital to the business. We make it easy for our customers by supporting them with product deployment, calibration & re-calibration with onsite/offsite support.

System Integration

Multi-faceted technologies are increasing the system complexities. We help our customers not just with intelligent product development, but we also take care of its integration with the existing system and other third-party applications of the end user.

Development of Management Stack for Deduplication Appliance

Calsoft developed a management stack to help the customer manage their deduplication appliance.

SEE OUR BEST WORK

CI-CD Using Jenkins Pipeline

Calsoft helped the customer with build and release management for their virtualization product by: maintaining complex build setup with 100-odd git repositories via Jenkins (CI); and deployed product as VM OVF template and ran robot testing suite for sanity and regression via Jenkins (CD).

Request

Test & Release Management

We oversee and manage a software release right from planning to development, testing, and onward to deployment. Our offerings include Test Planning & Lab Management; Manual, Automated, and Regression Testing; Build & Release Management; and Configuration & Change Control Management.

Operations & Maintenance

Smooth functioning of the product is an essential part of a stellar customer experience. We assist our customers with operations & maintenance support for their deployed products and applications, ensuring timely upgrades, patches, incident resolution, field support, and more.

Feature enhancement and OS platform maintenance of Cloud Storage Linux product

Calsoft worked with the customer as their extended engineering team to support/maintain the Linux side of their hybrid cloud storage product.

Request

SEE OUR BEST WORK

Sustaining Support Success Story

Calsoft provided sustaining support for a monitoring tool adhering to the SLAs as determined by customer and to develop and test new features as per requirements from time to time.

Request

Product End of Life Management

We support our customers in end-to-end planning and execution of product end-of-life activities, which include Product Phase-out Planning; Full & Partial Sustaining Support; Stakeholder Communication; and Product Withdrawal.

Product Documentation

Our expert technical writers capture your product functionality and convey it accurately to your end user while our project managers ensure the documentation is delivered consistently, and on time. Our offerings include User Guides and

Installation Guides; Documentation of Codes, Design, and Architecture; Context-sensitive Help Creation; and Knowledgebase & Support Material Creation.

Azure Test Drive for Container Security Product

Calsoft created the test drive for the customer's container security product, to showcase the features and use cases of the product in the Microsoft Azure platform. Also created tutorial videos and knowledge base articles pertaining to the product.

Key Highlights

VMware VRO Plugin Development For Flash Array Based Storage

Calsoft is engaged with the client to develop a vRO plugin. The plugin helps in running the workflows and perform multiple operations on storage infrastructure.

- Development of plugin
- Bug fixing
- Certification

Request for success story

Related Resources

PODCAST

Product Development the Behavior Driven Way

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WEBINAR

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Ecosystem Integration

Organizations on the march towards Digital Transformation need to consolidate their legacy and new technology installations and processes in such a way that repetitive tasks are automated, and diverse systems and data sources are integrated. Our automation & integration services help our customers speed up their time to market, spend more time on strategizing and less on monotonous operational tasks, reduce risk of human error by automating tasks, improve efficiency, reduce costs, and gain the ability to quickly respond to changes in the market.

Plugin Development

We helps our customers develop plugins that manage storage subsystems from a single UI and perform a common set of storage provisioning and compute tasks without the need to switch between multiple management interfaces. Our plugin development expertise extends across all major hypervisor providers including VMware, Microsoft, Linux, and Citrix.

vSphere Integration Plugin for SDN Product

Calsoft helped a pure-software SDN company develop vSphere Integration Plugin.

Request

SEE OUR BEST WORK

DevOps for Storage

Calsoft helped a leading storage company for DevOps implementation and assisted with configurations for various technologies on Production and QA environments.

Request

DevOps

Our experienced DevOps consultants have created a dedicated Center of Excellence to accelerate DevOps implementations and improve the speed, quality, and security of application delivery for our customers. Our agile approach towards software development, testing, and IT operations helps our customers to quickly adapt to changes and improve overall operational performance.

Infrastructure Automation

Our automation services help organizations to cut down on manual efforts, drastically reducing the time taken to deploy thousands of servers while simultaneously removing configuration errors and supporting the building and use of test environments that are exact copies of production.

Storage Provisioning using Puppet

The engagement underpinned automation of volume\host\connection creation on the customer's appliance. Future development involves volume snapshot\revert, Protection group, HostGroup support.

Request

SEE OUR BEST WORK

ServiceNow Plugin for vRealize Automation

Calsoft developed a ServiceNow plugin to enable provisioning of vRA resources from the ServiceNow Platform.

Request

ServiceNow

Our extensive experience of SOAP and REST web services has enabled us to develop customized plugins for integrations with any third-party applications or tools. Our services cover: conceptualization of ServiceNow integration for your application or platform; development of customized ServiceNow plugins; ServiceNow certification for the developed plugins.

Certification

We have assisted multiple customers from the Storage, Virtualization, and Networking domains in getting their products certified for different environments, making their products market-ready in an efficient manner. Our expertise includes certifications for ServiceNow, Citrix, VMware, and Microsoft.

VMware VAAI Block Certification for Storage Product

Calsoft carried out certification testing of the customer's iSCSI block storage product- for its VAAI compatibility.

Request

Software Product Testing

Testing is an integral & inseparable part of the product development life cycle (PDLC). A faulty product released in the market is like a death knell to the company's reputation. Testing helps locate and address defects early on in the PDLC; ensures the product is reliable and easy to use; and saves on the costs that would be incurred on fixing the product after delivery. With shrinking delivery cycles, we are also witnessing a trend of Artificial Intelligence & Machine Learning being introduced in the testing realm to speed up the time to market.

Calsoft offers end-to-end software product testing solutions using advanced testing techniques and tools, driven by a passion for quality engineering, beta testing, and behavior-driven testing to deliver top-notch products and services. Our testing solutions permeate through all the phases of PDLC and it just doesn't stop there; we also help our customers with end customer focused beta testing for quality delivery of the product and exceptional customer experience.

Requirement Analysis & Test Planning

The testing process can become exhausting & time-intensive if not mapped and planned correctly. Calsoft understands testing requirements by gathering details from the customer and maps the type of tests to perform against the product development cycle and after detailed analysis, devises a test plan with the estimated cost and time.

Custom Architecture Development

Proof of Concept

Feature Benchmarking

Aws Test Drive for Storage Product

Calsoft assisted a storage equipment manufacturer in creating an AWS test drive for showcasing their product in the AWS environment.

GUI Test Automation for Converged Infrastructure

Calsoft developed GUI Automation framework and test case script to enable automated testing of the Product GUI.

Request

Test Case Development and Support

Calsoft uses leading-edge methods and techniques for mapping test cases to requirements. The test plan mapped is then used to create test cases and reports. Calsoft experts help in test case development and verification testing following modern agile methods. Our offerings include:

Prototype Development

End-to-end Product Development

Usability Engineering & Multilingual Support

Test Execution

Depending on the gathered requirements and test cases, a test plan is executed for each level of the PDLC. Calsoft helps customers with manual as well as automation testing and assists with integration and non-functional testing. Post the test execution, a detailed defect report is generated and shared with the customer, which is then further shared with the development team post approval.

Planning Test Strategy

End-to-end Test Execution

Test Automation

Customer-focused Beta Testing

SEE OUR BEST WORK

Testing For High End NAS Server

Calsoft assisted the customer in the gap analysis of their existing test approach and augmented their NAS testing to the next level.

CI-CD Using Jenkins Pipeline

Calsoft assisted the customer in the gap analysis of their existing test approach and augmented their NAS testing to the next level.

Request

Continuous Delivery

Product companies are exponentially adopting CD testing over traditional workflow testing considering the release quality provided by it. Calsoft helps customers with continuous integration and continuous delivery for increased efficiency in the PDLC, delivering a great quality product and delightful customer experience. Our offerings include:

On-site Testing & Deployment

Feature Enhancement

Integration, Porting, and Migration

Product Beta Testing

Calsoft offers TestWhiz, where a pre-release beta version is tested by our team of testing experts. TestWhiz encapsulates the developing key test areas, depending on the product features, deployment scenarios, and important use cases. The output report gives out the overall health of the product, along with the possible enhancements and comparative analysis of competitor products available in the market.

Planning Test Strategy

End-to-end Test Execution

Test Automation

Customer-focussed Beta Testing

Testing For High End NAS Server

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Digital
Harness the Power of Digital Innovation

The Age of Digital demands organizations embrace change on two fronts – upgrading their technology & operations and improving their processes & the way their people work. Calsoft's Digital Transformation solutions keep enterprises abreast of the rapidly changing customer demands and support continuous innovation.

Our Digital Services

Cloud

Cloud is a critical enabler of digital transformation and the speed and scale the technology offers to organizations wanting to go digital is unparalleled. Our deep focus on cloud enables us to provide offerings ranging from Cloud Migration, CloudOps, Cloud Native Development, to Data Center Modernization, Data Management & Analytics, and more.

Read more

AI & Machine Learning

We support enterprises with strategy consulting, project implementation, and managed analytics in the areas of Data Engineering, Data Science, Bots & Platforms, AIOps, and AI Workload Management.

Read More

IoT

Our IoT solutions comprise a heady mix of Platform Development, Mobile App Development, Edge & Gateway Development, IoT Sensor Communication, Security Services, and Managed Services.

Read More

DevOps

Automation forms a core component of any digital transformation strategy. And DevOps helps in automating the processes in the development life cycle and shortening delivery cycles. Our dedicated DevOps Center of Excellence helps accelerate DevOps implementations and improve the speed, quality, and security of application delivery for our customers.

Read More

Digital Collaboration

Accelerate Cloud adoption with seamless integration of tools, improve network & endpoint security, facilitate AIOps, and get future-ready with our digital collaboration offerings.

Read More

Blockchain

Better efficiency and security with Blockchain technology, design smart contracts and develop a robust blockchain platform.

Read more

Smart-Solutions

Make informed decisions with our enterprise-grade smart solutions, powered by frontier technologies such as the Cloud, IoT, AI & ML, Data Analytics, and more

Read More

Data Analytics

Leverage our Data Warehousing, Data Analytics, Reports and Visualization, Business Intelligence, Data Management, Data Science offerings to make informed business decisions.

Read More

Robotic Process Automation

Build, deploy, and manage workflows easily by emulating human-computer interactions with Traditional RPA and Cognitive Automation solutions such as Data Entry Automation, Validation & Verification Robots, System Integration Bots, and Scheduled/Trigger Robots.

Read More

Technology Coverage

CLOUD ENGINEERING

Service Mesh Implementations, Containerization, Edge Cloud, Data Analytics, AI-driven Testing, and more

SECURITY

Cybersecurity, Endpoint Security, Cloud security, AI-based Security Testing, and more

IOT

Device Management, Testing & Optimization, Ecosystem Integration, IoT Security, Process Automation, and more

AI/ML

Datacenter Optimization, AI Workload Management, AIOps, Data Science, and more

Industry Coverage

ISVS

Automation & Integration, Network & Endpoint Security, AIOps, AI Workload Management, and more

DATA CENTERS

Engineering & Maintenance, IT Automation & Analytics, Edge Computing, and more

NETWORKING & TELECOM

Network Automation, Edge Computing, Security & Monitoring, NFV, SDN, SD-WAN and more

RETAIL

Price Optimization, Contactless Checkout, Data Quality Management, Inventory Management, and more

Page Name:

Cloud Engineering Solutions

Calsoft leverages its 25 years of product engineering expertise and extensive domain experience to transform business operations through innovative cloud solutions. We ensure seamless connectivity, real-time analytics, and optimized operations, ensuring enhanced productivity and faster results.

Our comprehensive services include cloud architecture, DevOps, network engineering, and security, all designed to deliver scalable, secure, and efficient cloud-based applications. At Calsoft, we drive cloud transformations that multiply your business growth and ensure your products are cloud-ready.

Private Cloud

Private cloud enables enterprise-grade single-tenant cloud computing exclusively to your organization. Our IT and cloud experts assist in enabling a private cloud model-based IT infrastructure with an add-on of data recovery and backup solutions.

Read more

Public Cloud

The public cloud is an array of computing services that are offered by platforms such as Amazon Web Services (AWS), Microsoft Azure, and Google Cloud. We help with cloud enablement for your enterprise and ensure the security of your cloud stack.

Read More

Cloud Native Development

Develop robust cloud-native applications with strong compute, storage, connectivity, and new-age capabilities. We support our customers with Microservices Implementations, Containerization, Service Mesh Implementation, Serverless Applications, and more.

Read More

CloudOps

Leverage our operational procedures to optimize the usage of IT services within the cloud environment. Our offerings include Cloud Monitoring & Management, DevOps, Cloud Security, Backup, Recovery, HA, & DR Configurations, Cloud Service Brokerage, and more.

Read More

Cloud Security

Keep in check the security of your data, infrastructures, and applications associated with cloud computing. Our cloud security services help enterprises in addressing compliance concerns that delay or minimize the migration of sensitive assets into private, public, and hybrid clouds.

Read More

Telco Cloud

We help our telecom customers leverage the power of cloud with our offerings such as Network Cloud Development & Deployment, Edge Cloud, and 5G Cloud, which include SD-WAN services; Edge Cloud Development & Deployment; Service Mesh Implementations; Hybrid Security Management; AI/ML, Analytics, and more.

Read More

Industry Coverage

ISVS

Cloudification & Virtualization Solutions, Data Management & Analytics, Technology Consultancy, and more

DATA CENTERS

Infrastructure Management, Monitoring & Compliance, Microservices Deployment, ServiceNow Operations, and more

NETWORKING & TELECOM

Cloud Migration, Cloud Native Development, Multicloud Management, SaaS Engineering, and more

RETAIL

Workload Migration & Management, Cloud Native Development, CloudOps Monitoring & Management, Hybrid Cloud Solution, and more.

Service Coverage

PRODUCT ENGINEERING

Product Innovation, Customization & Migration, Ecosystem Integration, ServiceNow Plugin Development, and more

DIGITAL

Cloud Migration, CloudOps, Cloud Native Development, Data Center Modernization, Data Management & Analytics, and more

SUSTAINING & SUPPORT

Product Reengineering, Feature Enhancements, Ecosystem Integration, NOC Support, Hot Fixes, and more

UI/UX ENGINEERING

UI Modernization, Front-end & Mobile Development, Feature, Functionality & User Testing, and more

Internet of Things (IoT) Services & Solutions

Calsoft develops enterprise-class, highly available, high-performance, secured, and intelligent systems to help our customers – large entities, mid-sized players, and startups – from the Manufacturing, Hi-tech, and Data Center spaces in their IoT adoption strategies.

Calsoft Offers Intelligent Frameworks and Digital Services to Deliver IoT-Powered Solutions

Platform And Application Development

Core components development for various platforms to meet customers' IoT requirements, also covering IoT application development for Android, iOS, and hybrid platforms.

Edge & Gateway Development

Building gateways ranging from enterprise-class distributed edge such as Akraino & EdgeXFoundry to consumer-class, microcontroller-based, purpose-built sensor concentrators.

IoT Sensor Communication

Working for better IoT connectivity with various sensors in Manufacturing, Home Networking, & Logistics spaces, with data protocol expertise in MQTT, AMQP, COAP, REST, MQPP, and OPC-UA.

Security Services

Security is a vital aspect of IoT. We support both OT/ IT security involving firmware updates, code review, vulnerability & penetration testing. As a services model, we also support monitoring and threat modelling as a consulting activity.

Manage Services

We provide 24X7 customer support (L1- L3) for device management monitoring, security, and application monitoring.

Industry Coverage

ISVS

Get smart insights to enable product usage analysis, improve services, reduce CAPEX & OPEX, and basically, do more with your data

DATA CENTERS

Optimize strategic operations, client data flow, security, storage requirements, and access capabilities, and more at data centers using our IoT capabilities

NETWORKING & TELECOM

Discover new opportunities by connecting people, places, and things through emerging technologies such as 5G, IoT, AI & Machine Learning

RETAIL

Traceability, authenticity, and real-time availability of goods; better customer experience; scalability during peak times; process optimization; and more

Service Coverage

PRODUCT ENGINEERING

IoT Application Development, Vulnerability & Penetration Testing, Device Management Monitoring, and more

DIGITAL

CloudOps, Cloud Migration, Data Management & Analytics, AIOps, DevOps, and more

SUSTAINING & SUPPORT

Hotfixes, Feature Enhancement, Ecosystem Integration, NOC Support, and more

UI/UX ENGINEERING

UI Modernization, Rapid Prototyping, Feature, Functionality & User Testing, and more

Augmenting Business Value with DevOps Services

Calsoft's large pool of DevOps consultants has created a dedicated Center of Excellence to accelerate DevOps implementations and improve the speed, quality, and security of application delivery for our customers. Our agile approach towards software development, testing, and IT operations helps our customers to quickly adapt to changes and improve overall operational performance.

DevOps Services

DevOps For Enterprises

Automate your everyday IT operations for improved productivity and performance, using our offerings, which include IT Operations & Automation, Runbooks Creation, and NOC & Network Monitoring.

DevOps For Engineering

Accelerate the build, test & deployment in your software development cycle. Our offerings include Continuous Integration & Continuous Deployment (CICD), Build & Release Engineering, Test Automation & CI Integration, and Defect Management & Analytics.

DevOps Product Engineering

Embrace the power of agile processes in product engineering with DevOps and automation. Our offerings include Tools Development, Product Integration, and more.

Day 0 – Day 1 Automation

Implement a structured and resilient automation model for continuous process optimization and improvement, using our offerings, which include Factory Automation, Day 0 – Day N Automation, and more.

Read More

Cloud Migration

DevOps helps minimize the complexities involved in the cloud migration process. Our offerings include Cloud Readiness Assessment; P2V, V2V & V2C Migration; Cloud Migration across Cloud Vendors - AWS/Azure/IBM SL; Capacity Planning & Sizing; and more.

Read More

DevSecOps

We support our customers with DevSecOps implementation to integrate security in their DevOps pipelines. Our offerings include implementation of Security Practices & Tools; DevOps + Security Operations of SAST (Static Application Security Testing); and more.

Read More

Technology Coverage

CLOUD

Cloud Migration Services, Cloud Native Development, CloudOps, Cloud Engineering & SaaSification, and more

SECURITY

Network Security, Cyber Security, Endpoint Security, ServiceNow Security Operations, and more

IOT

Platform & Application Development, Edge & Gateway Development, Security Services, and more

AI/ML

Smart Datacenter Operations, AIOps, AI Workload Management, and more

Industry Coverage

ISVS

Product & Plugin Development, Digital Innovation, Technology Consultancy, and more

DATA CENTERS

Infrastructure Management, IT Automation & Analytics, ServiceNow Integration, and more

NETWORKING & TELECOM

Network Automation, Edge Computing, Security & Monitoring, NFV, SDN, SD-WAN, Wireless Engineering).

RETAIL

Workload Migration & Management, CloudOps Monitoring & Management, Ecosystem Integration; and more.

Page Name:

Digital Collaboration

In their journey towards achieving digital transformation, organizations are prioritizing the need to stay connected, facilitated by deeper collaboration. The latest technologies have eased the process by providing ready and smart platforms for content creation and distribution, enhancing collaboration. Calsoft's deep experience in the digital domain and tight hold over next-generation technologies can help in a seamless integration of digital collaboration processes with your existing digital transformation strategies for better productivity and connectivity.

Ecosystem Integration

Harness the power of assorted technologies and benefits for better performance and returns.

Our offerings include:

Content Management Systems (CMS) & Learning Management Systems (LMS)

Project/Task Management Products – JIRA, Asana, etc.

Integrate Plug-in Ecosystem: Q&A, Voting, Examination, Exercise, Calendar, Maps, etc.

Merge Video/Audio Conferences & Whiteboards

Bookmark Live & Offline Sessions and Capture Content on Cloud Account

Learn More

Multi-Channel Experience

Utilize a variety of touchpoints to maximize your outreach and enhance customer acquisition and retention.

Our offerings include:

Desktop & Mobile UI Development

Transactional UX

Responsive or Adaptive UI

Localization Services

Unified Dashboard at Organization Level for Usage & Billing Efficiency

Learn More

Intelligent & Context Awareness

Inject intelligence into everyday activities to improve productivity and performance.

Our offerings include:

ML-based Enhancements & Integrations with AI/ML Services

Content Understanding (Speech Recognition/NLP Technologies) & Sentiment Analysis

Bot Attendant to take notes and auto-generate MOMs

Bot Assistant to schedule meetings as per the availability of the requested slot across multiple accounts, improving efficiency at the organization level

Automated Transcription

Learn More

Dashboard For Multi-Cloud Visibility & Provisioning

Calsoft was engaged with the customer to create a single application to manage resources across multiple clouds.

Benefits

A single application to manage components of different public clouds helped the end users to overcome the learning curve easily.

The reports and analytics from the same utility enabled better comparison and planning.

Request for success story

Robotic Process Automation

RPA enables you to set up software robots to perform specific tasks in exactly the way a human would. By using a combination of automation and machine learning, your software robots will be able to complete complex tasks in a matter of minutes, resulting in massive savings in time and effort.

Exclusive Podcast

Tune into our RPA Podcast and explore the real-world enterprise benefits of process and service automation.

Learn More

To know more about how we can align our expertise to your requirements, reach out to us.

Contact Us

Smart Solutions

The Smart Calibration Your Business Needs Now

Make informed decisions with our enterprise-grade smart solutions, powered by frontier technologies such as the Internet of Things, Artificial Intelligence & Machine Learning, Data Analytics, and more

Storage COE

Culture of innovation

Strong, focused, and experienced leadership

Customized service portfolio for Intelligent IT

Partnerships with top ISVs & Product Companies

Our Strength in Number

Future-ready outlook, balancing conventional & new-age technologies:

7+

Fortune 500 companies as our clientele and 100+ happy customers

70%

of our engagements are managed projects

1,200+

Engineers with an "innovation" mindset

Our Offering in Storage

AI-ENABLED INTELLIGENCE

Assisting enterprises through their digital transformation journey with strategy consulting, project implementation, managed analytics, and more

INTERNET OF THINGS

Enabling smart connectivity through various enterprise-class, highly available, high-performance, secured, and intelligent systems

BLOCKCHAIN

Facilitating the power of Blockchain in the areas of Storage, Data Centers, Cloud, Networking & Telecom, IoT, Virtualization, and more

DIGITAL COLLABORATION

Facilitating seamless integrations with our deep domain expertise and tight hold over next-generation technologies

CLOUD ENABLMENT

Empowering business transformation with a potent combination of our established Cloud practice and evolving new-age technologies

Speed Up with MOZAIC

Leverage our bundled, domain-agnostic, agile & intuitive solutions to take the next giant leap, irrespective of your growth stage.

MOZAICFAST+

For Modern-day technology start-ups & stealth modes

End-to-end services from ideation to product launch for aspiring startups across Networking & Telecom, E-commerce, FinTech, Media & Entertainment, EduTech, and other industries.

MOZAICFORWARD+

For emerging ISVs

Digital & Cloud-first strategies, business consulting, and more for up-and-coming ISVs across domains like Networking & Telecom, Storage, IT, Retail, FinTech, and others.

MOZAICDISRUPT+

For mature product & platform vendors

Platform modernization, digital strategies, technology consulting, and more for matured vendors across a host of industries such as FinTech, E-commerce, Networking & Telecom, IT, and others.

MOZAICTRANSFORM+

For established market players

Digital Transformation Lab, platform advisory services, cloud frameworks, and much more for established entities seeking to expand their universe across domains like Networking & Telecom, Media & Entertainment, Retail, FinTech, and others.

What's under the Hood

We support enterprises with strategy consulting, project implementation, and managed analytics across these areas.

Product Development

Our product development offerings include product innovation, re-engineering, customization, optimization, and migration. We work with our customers to design and deliver intelligent products, resulting in optimized R&D investments.

Automation & Integration

Calsoft offers end-to-end testing solutions using advanced testing techniques and tools, driven by a passion for quality engineering, beta testing, and behavior-driven testing to deliver top-notch products and services.

Quality Assurance

Incorporate AI & ML algorithms into your IT processes for optimal resource allocation, reduced downtimes, and faster query resolution.

Sustaining & Support

Calsoft's Product Sustenance & Support Engineering team acknowledges the importance of time and efforts towards business-critical processes and has been managing and supporting product lines for some of the leading companies across the globe.

Cloud Engineering

Cloud forms the foundational aspect of any digital transformation strategy. To sustain growth, cloud service providers need to build storage that is extremely scalable and cost-efficient.

Devops

Calsoft's large pool of DevOps consultants has created a dedicated Center of Excellence to accelerate DevOps implementations and improve the speed, quality, and security of application delivery for our customers.

Accelerator IPs

Generic Cloud Interface
Emulators
Calsoft M365 Plugin

Explore

Companies are adopting groundbreaking approaches for the frontend development of their software, website, or applications. They have become more aware of the

trending technologies and are making choices best suited for their brand and audience. Calsoft, with years of expertise in UX & UI engineering and honed skills in data & GUI tools such as HTML, CSS, JavaScript, and more, helps customers create extraordinary interfaces that are modern, smart, and high performing.

Want to know more about our storage offerings?

Download our detailed brochure.

Download Brochure

Page Name:

DevSecOps

DevSecOps enables organizations to apply security practices to the application development cycle right at an early stage. It helps in integrating the DevOps pipeline with apt security tools to maintain the continuity of the workflows and the development cycle. Essentially, it is the process of optimizing performance without compromising on security or compliance. Calsoft facilitates organizations looking to embed security in their DevOps pipeline with best practices and helps them integrate their processes with the right security solutions.

DevSecOps Implementation

We help our customers implement DevSecOps by integrating the Development cycle, DevOps pipeline, and Security practices. Our DevSecOps offerings empower our customers to develop robust and highly secure applications.

Servicenow Integration for Itom (IT Operations Management)

Calsoft developed a ServiceNow plug-in for the customer, providing ITOM support.

Request

Code Analysis

Our DevSecOps team collaborates throughout the software development life cycle to detect any vulnerabilities in the code by delivering segments of code that can be remediated easily without majorly impacting the flow of the development cycle.

Change Management

Development teams tend to rapidly deploy changes overlooking the risks involved. Change management under the DevSecOps approach helps in determining the impact of the change and improves the overall efficiency.

Compliance Monitoring

We help teams implementing DevSecOps stay abreast of the industry regulations and in a constant state of compliance to norms such as General Data Protection Regulation (GDPR), CCPA, PCI, and other compliances. This way, they are always prepared for untimely or sudden audits.

Vulnerability Assessment

We help companies with the detection of new vulnerabilities and responding to them. Vulnerability of processes to external or internal threats can be assessed using several methods such as threat modeling; version control, metadata, and orchestration; incident management, security architecture; proactive security assessments like penetration testing & bug bounties; and more.

Containerized Application Code Security

Calsoft helped the customer perform analysis and scanning of containerized application software for vulnerability assessment and security checks at the source code level.

Request

Day 0-Day 1 Automation

Agility is becoming a key driver of high-performing organizations. DevOps implementation is making this transformation possible. Calsoft makes the process of DevOps automation easy and systematic to provide maximum agility. We guide our customers with best practices for DevOps automation with our Day 0 – Day 1 automation testing approach for continuous improvement and evolution.

DAY 0

Our Day 0 operations in the automation testing process involve establishing a connection between the software development process and the DevOps methodology. We help in gathering requirements and reengineering the architecture to establish a smooth testing automation process for continuous improvement.

Our offerings include:

Requirement Analysis

Planning & Design

Solution Architecture

NFVI Deployment Automation Using RHOSP

Calsoft helped the customer enhance their RHOSP-based NFVi deployment automation.

Request

DAY 1

As a part of the continuous improvement cycle using automated testing, Day 1 operation entails actual development and deployment of the designed

solution as per the Day 0 phase. We help in establishing initial configurations between the software and various other factors such as infrastructure, network, and more.

Development & Deployment

Configurations & Setup

Installation

SEE OUR BEST WORK

Dashboard For Multi-Cloud Visibility & Provisioning – 325

Calsoft was engaged with the customer to create a single application to manage resources across multiple clouds.

Request

DAY 2

This is the phase in continuation after Day 1 phase, which is the process optimization and maintenance phase. We help our customers with continued maintenance by taking care of post-delivery changes and updates.

Our offerings include:

Optimization

Maintenance

Compliance

DAY N

This involves ongoing configurations and updates after the Day 1 phase.

SEE OUR BEST WORK

NFVI Deployment Automation Using RHOSP

Calsoft helped the customer enhance their RHOSP-based NFVi deployment automation.

Request

Related Resources

BLOG

The 4 Toughest Challenges to QAOps and How to Overcome Them

Picture this: You've handed over your deliverables well within the deadlines and the budget. No, you didn't have to burn the candle at both ends and yes, the deliverables are…

Read More

EBRIEF

DevOps 2018 – Your Guide to Basics, Market Statistics, Predictions & Industry Development

In this eBook, you will get information about What is DevOps, Benefits of DevOps, Tools in DevOps, DevOps Market Statistics, Market and Technology Predictions, Recent Industry Insights

Download

PODCAST

Automation and Devops Delivery

Automation is the technology by which a process or procedure is performed with minimal human assistance. DevOps is a set of practices that automates the processes between software development and IT teams, in order that they can build, test, and release software faster and more reliably.

Listen

Page Name:

DevOps Services

Project-based implementation of an application is now ancient history. Continuous evolution using a DevOps approach is helping make the agile development cycle more effective. This approach is widely followed for maximum operational efficiency and shortened time-to-market. Our expertise in DevOps automation helps our customers through their DevOps transformation journey. Our assistance runs through every stage of the application development life cycle – application integration and application modernization.

DevOps For Engineering

Our DevOps services help software development teams to accelerate build, test, deploy, and monitor the application in the most agile and secure way. Our offerings include:

Continuous Integration & Continuous Deployment (CI/CD)

Build & Release Engineering

Test Automation & CI Integration

Defect Management & Analytics

Storage Provisioning Using Puppet

Calsoft assisted the customer with their storage provisioning requirement, including automation of volume\host\connection creation on the customer's appliance.

Request

DevOps For Enterprises

Enterprises struggle to meet the pace of everyday IT and network operations. We help them automate these processes, which result in overall improvement in productivity and performance with increased operational efficiency. Our offerings include:

IT Operations & Automation

Runbooks Creation

NOC & Network Monitoring

Deployment & Test Automation

Calsoft developed scripts to automate the deployment of various components on Azure Cloud along with automation of the complete test suite.

Request

DevOps Product Engineering

Our DevOps team helps ISVs in their DevOps transformation journey by bringing agility and automation to their product engineering life cycle through build, test, deploy, and continuous evolution. Our offerings include:

Tools Development

Product Integration

Testing Automation

QA & Automation of SDN Product

Calsoft assisted the customer with Feature Testing of their Software Defined Networking (SDN) product in OpenStack & VMware environments.

Request

Related Resources

BLOG

The 4 Toughest Challenges to QAOps and How to Overcome Them

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Page Name:

Managed Testing Services

tools, driven by a passion for quality engineering, beta testing, and behavior-driven testing to deliver top-notch products and services. Our focus is on accelerating our customers' journey towards adoption of digital transformation by delivering 'just-in-time' quality checks for their products and solutions.

Make your shift from QA to QE with Calsoft's end-to-end quality engineering and assurance services.

Test Automation

We help our customers test their product functionality using test automation frameworks and in-house best practices. Our offerings include framework development & augmentation; framework integration services; API, UI, CLI automation; test automation design & implementation, and more.

Read more

QAOps

We assist our customers in integrating QA processes into their DevOps pipeline, which essentially means quality checks at each stage of development – from analysis to deployment. The outcome: a robust & a secure product.

Read More

Performance Testing

We support our customers with testing of their products built on various technology stacks and ecosystems to ensure optimal performance at all times and a delightful customer experience.

Read More

Usability Testing

The success of a product is dictated by how "useful" it is to its end users. Our expertise in user-centered interaction design helps us to ensure that our customers' products provide the exact experience that they promise to their end users.

Read More

Security Testing

We assess your security policies and infrastructure by running cyberattack simulations with a wide range of penetration tests to expose and eradicate vulnerabilities and provide a secure foundation for growth. Along with this, our AI/ML-based security solutions help in analyzing data to detect potential risks.

Read More

Technology Coverage

STORAGE

A wide range of storage engineering services, readymade accelerator IPs, and SAN/NAS arrays expertise for cutting-edge storage products

VIRTUALIZATION:

Our offerings include plugin development, certification services, and server, desktop & network virtualization.

NETWORKINGS

Our product engineering services enable product companies to develop SDN, SD-WAN and NFV-based high-performing and scalable solutions.

CLOUD

Cloudify your existing business or innovate using our cloud computing services that include servers, storage, databases, analytics and more.

SECURITY

Enabling security product companies with faster time to market with our end-to-end product development offerings.

IOT

We develop enterprise-class, highly available, and high-performance systems with superior security and intelligence.

AI/ML

Strategy consulting, project implementation, and managed analytics across data engineering, data science, platforms, AIOps and more

Industry Coverage

ISVS

Custom software development across key technology stacks to facilitate rapid time to market with lower costs and higher ROI.

NETWORKING & TELECOM

Helping Telcos get to market faster, accelerate innovation, expand market reach, keep CAPEX & OPEX low, and do a lot more.

RETAIL

Assisting retailers with scalable and secure implementations to improve sales, personalize customer experiences in-store and online, and more.

Page Name:

End-to-end Testing Services

Software testing can become a tedious process with the continuous testing and implementation cycles. To reduce the costs and time associated with the testing process, software companies prefer to outsource the testing activities so they can focus on their core business objectives without additional resources being diverted to testing. Calsoft testing experts support such software companies with end-to-end testing services.

API Testing

Our testing solutions operate at every layer of the application. We conduct API testing at the message layer where we perform integration testing to check the functionality, security, performance, and reliability of the software product that's being tested.

VNX Provisioning Automation

Calsoft engaged with the client for VNX Provisioning Automation including Navisphere management from within VI client and verification of REST APIs.

SEE OUR BEST WORK

Unified, Behavior Driven Testing of Enterprise Object Store

Calsoft engaged with an enterprise object store in developing Functional & System Test Automation Framework based on a Behavior Driven Testing (BDT) methodology.

Behavior Driven Testing

The BDT process focuses more on the user's behavior than the software's technical functionalities. Its benefits include better collaboration between QA, Analysts, and Dev; easier reviews; low costs; and greater ROI. Our testing team assists with BDT using the latest tools and approaches.

Protocol Conformance

For any product, adherence to certain industry standards & protocols is of prime importance as it determines its reliability and trust among its end users. We help in validating the features of a software against pre-defined protocols, standards, and regulations with our conformance testing services.

Testing for High End NAS Server

Calsoft assisted the customer in the gap analysis of their existing test approach and augmented their NAS testing to the next level.

Request

Key Highlights

QA and Automation of an SDN Product

The client is a startup that provides software to solve networking problems for infrastructure-as-a-service (IaaS) clouds. Calsoft was engaged to test the features of the client's software-defined networking (SDN) product within OpenStack and VMware environments.

Related Resources

Request for success story **PODCAST**

Connection Between AI And Storage

This podcast explains about how AI and storage are connected and in what ways AI is helping Storage solutions

Listen Here

Webinar on ServiceMesh Architecture

The webinar presentation focused on the background of service mesh, its working, security aspects, functionalities, business cases, and a demo. Request webinar recording here.

Request Recording

What if you never invested in STaaS

Over the past few years, cloud storage has gone from a niche technology to one used by billions of people worldwide. But some businesses are still resisting the change. Storage…

Read More

NVMe: Optimizing Storage for Low Latency and High Throughput

Understand what is NVMe, how it works, features, market players, NVMe over Fabrics, and transport options.

Download

Digital Disruptions with Cloud Native Development

This HawkEye covers, Why Cloud Native is So Important? Cloud Native Development: Current Market Dynamics, Cloud Native Adoption: Key Trends in 2022 ,The "Cloud-native Disruptive" Potential, Cloud Native Adoption: Challenges.

Download

Page Name:

In-Sprint Automation Services

Software development teams focus on delivering software as expected by the customer and in the whole process, some of the defects in the software can sneak into the final product. Test automation ensures the software is tested to determine the gaps between the actual outcomes and the predicted outcomes. Calsoft's test experts help customers in building and executing test automation and controlling the test results to deliver quality software within time and budget.

GUI Testing

A product that doesn't satisfy or align with the end user's expectations can be a huge blow to business. We help our customers in implementing a variety of test cases for testing the graphical user interface of their software as per the end user specifications.

GUI Development and Testing For SSD/Flash Drive

Calsoft supported the customer with GUI development and testing of SSD/Flash drive, helping eliminate I/O bottleneck in a virtualized environment and making the GUI more user-friendly.

Request

SEE OUR BEST WORK

Aptos Test Automation

Calsoft assisted the customer in developing test automation for Aptos product functionality that helped in enhancing the product's quality.

API-Driven Testing

Our testing solutions operate at every layer of the application. We perform API testing at the message layer where we perform integration testing to check the functionality, security, and performance of the software application.

Continuous Testing

We implement continuous testing – testing early, testing often, testing everywhere, automating testing – for the rapid release of your software. This involves the execution of automated test cases combined with the delivery pipeline and it provides feedback to developers for continuous improvement.

Test Tools for Microservices Security Platform

Calsoft engaged with the customer to develop microservices application for stress testing their Security platform

Key Highlights

Deployment and Test Automation of Azure Components

Calsoft was engaged with the client to develop scripts to automate the deployment of various components on Azure Cloud. Also automated the complete test suite.

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Related Resources

Product Development the Behavior Driven Way

Business leaders are in a tough spot to roll out products in a timely fashion with high quality or risk losing market share. Technology ever changing has simultaneously enforced a change in product development methods.

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Webinar on ServiceMesh Architecture

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Distributed Application Architecture for Edge-Based Service Delivery

This article is originally published on TheNewStack. We are re-publishing it here. Software-based services delivered to endpoints are composed of different sub-application components. Currently, any such services are using typical…

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Microservices: Software Architecture for Faster Time to Market and Advanced Delivery of Services

To highlight the potential of microservices to disrupt the competitive growth of every businesses and help understand the key technical specification, we have constructed this ebook. In this ebook we will cover: Microservices Basics, Features, Characteristics, and the Microservice Architecture's Business Benefits.

[Download](#)

Why Containerize Traditional Application

This document features the evolution, trends, benefits, and drawbacks of using Container technology and explains why we need to modernize traditional applications with the help of this technology.

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Page Name:

Performance Engineering

Non-functional testing is an important aspect of the software testing process. It helps in checking the performance, reliability, scalability, and usability of the software. Performance testing helps companies determine the post-delivery issues that may arise in the software. It checks how the software performs in various scenarios. Calsoft assists with end-to-end performance testing for checking the speed, responsiveness, and stability of the application under test. Along with this, we also help with creating real-like test parameters for the lab testing.

Load Testing

It determines the software performance when it is working at peak load conditions or normal conditions. Our testing experts help customers with load testing of their software applications under various load conditions.

VMware Airwatch Storage Integration

Calsoft supported the customer with GUI development and testing of SSD/Flash drive, helping eliminate I/O bottleneck in a virtualized environment and making the GUI more user-friendly.

Request

Enterprise Cloud Infrastructure: Design & Validation

Calsoft helped in validating the VMware-based IaaS (Stellar) for SAP HANA workloads for high availability, manageability, and monitoring.

Stress Testing

Often under heavy load conditions, software can become unsteady and may result in errors. This method of testing assesses the system on its robustness and error-handling capabilities under heavy load. Our stress testing services ensure the software runs smoothly even in extreme conditions.

Unit Testing

Unit tests help with designing and maintaining the code. They can be used to detect even the minutest deviation in a product's functionality. We assist our customers by checking each software component for its functionality, performance, reliability, and other parameters.

APTOS Test Automation

Calsoft assisted the customer in developing test automation for Aptos product functionality that helped in enhancing the product's quality.

SEE OUR BEST WORK

Testing Of Wi-Fi Access Points

Calsoft engineers were involved in the QA of enterprise-grade Wi-Fi access points by leveraging manual testing methodologies along with automation frameworks through Python.

Request

SOAK Testing

It determines the sustainability of the application under test when it is under continuous load conditions over an extended period of time. Using this method, we help our customers ascertain if the system will survive on being subjected to a very high volume of usage and outside the boundaries of its design expectations.

Storage Performance Testing

Calsoft helped the customer with storage performance testing and performance report for new FlashSoft Versions & latest Dell servers for Linux & Windows.

Request for success story

Related Resources

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Ecosystem Integration Validation

In the process to meet the timelines of the software development cycle, some security loopholes in a software may go undetected. Security testing helps detect vulnerabilities in a system that may have previously gone undetected. Calsoft's security testing experts help in protecting your sensitive data and critical systems from both internal and external threats.

Static Code Analysis

Static code analysis involves the evaluation of the source code to determine bugs and remove them. Our testers help in detecting these loopholes in the source code that may lead to vulnerabilities.

Containerized Application Code Security

Calsoft engaged with a client to perform analysis and scanning of containerized application software for vulnerability assessment and security checks at source code level.

Request

Penetration Testing

Ethical hacking or penetration testing identifies vulnerabilities in the system, network, or application that can become a doorway for attackers. We help with automated as well as manual penetration testing for software applications.

Vulnerability Testing

Our testing experts help customers with a detailed vulnerability assessment for detecting potential risks that can become a reason for a security breach in a system.

The process involves a methodical approach of detection, classification, and solution.

Calsoft's iSCSI Protocol Conformance Test Suite

Calsoft performed analysis and scanning of a containerized application software for vulnerability assessment and security checks at the source-code level.

Calsoft'S ISCSI Protocol Conformance Test Suite

Calsoft helped the customer implement the iSCSI Protocol Conformance test suite ensuring robust target implementation.

Request

Compliance Testing

We help in validating the features of the developed system against the specifications of the organizational standards, contracts, and regulations, under our non-functional compliance testing services.

Application Security Testing

We help our customers with specialized application security testing to evaluate the security strength of the application using manual and automated testing, and thereby assist in keeping critical data that traverses through the application secure.

QA of SOHO gateway

Calsoft helped the customer with manual testing of a gateway product targeted for small office/home usage (SOHO) and developed a automation framework.

Deployment and Test Automation

Calsoft developed scripts to automate the deployment of various components on Azure Cloud along with automation of the complete test suite.

Request

Network Security Testing

Security testing for software involves testing of direct as well as indirect sources of vulnerabilities that can take the whole system down. Calsoft supports ISVs with end-to-end network security testing to determine risks.

Key Highlights

Composable Kubernetes Infrastructure

Calsoft is engaged with the client building bare-metal automation for their SaaS based product of configurable Kubernetes deployment. Calsoft's expertise in deployment automation from bare-metal layer to application layer has helped the client in developing the product faster and with desired quality.

Request for success story

Related Resources

PODCAST

Product Development the Behavior Driven Way

Business leaders are in a tough spot to roll out products in a timely fashion with high quality or risk losing market share. Technology ever changing has simultaneously enforced a change in product development methods.

Listen Here

WEBINAR

Webinar on ServiceMesh Architecture

The webinar presentation focused on the background of service mesh, its working, security aspects, functionalities, business cases, and a demo.

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BLOG

Distributed Application Architecture for Edge-Based Service Delivery

This article is originally published on TheNewStack. We are re-publishing it here. Software-based services delivered to endpoints are composed of different sub-application components. Currently, any such services are using typical…

[Read More](#)

EBRIEF

Microservices: Software Architecture for Faster Time to Market and Advanced Delivery of Services

To highlight the potential of microservices to disrupt the competitive growth of every businesses and help understand the key technical specification, we have constructed this ebook. In this ebook we will cover: Microservices Basics, Features, Characteristics, and the Microservice Architecture's Business Benefits.

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HAWKEYE

Why Containerize Traditional Application

This document features the evolution, trends, benefits, and drawbacks of using Container technology and explains why we need to modernize traditional applications with the help of this technology.

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Smart Accelerator Solutions and 5G Lab

Kickstart your development with our tailor-made, ready-to-use solutions, and get a feel of how automation can help you reap benefits in terms of time, efforts, and cost savings.

CalTIA

Making test cycles efficient

Our revolutionary ML-based Test Impact Analyzer tool is designed to optimize test cycles and improve overall efficiency for faster software delivery.

Explore CalTIA

Accelerato.ai

Embedding intelligence to business processes

Our smart platform helps businesses automate their processes and improve efficiency to reach faster GTM goals by applying intelligent machine learning algorithms.

Explore Accelerato.ai

5G Lab Solutions

Addressing your quest for efficiency

5G Network Function deployed on AWS Local Zones
Latency has become important with 5G evolution. Telco organizations are deploying 5G network function on a public cloud such as AWS, in such case, meeting low

latency needs becomes very important. Calsoft developed a solution that helps telco deploy 5G on AWS with ease. Contact us to deploy 5G on AWS in our 5G Lab.

Explore 5G Lab Solution

Edge Multi-cluster orchestrator (EMCO) on AWS
EMCO is a geo-distributed application orchestrator for Kubernetes and can interact with multiple edge clusters hosted on several platforms, be it public cloud or on-premise infrastructure. Calsoft has developed an intelligent solution to implement EMCO on AWS for smart edge orchestration. Contact us to try out EMCO on AWS in our 5G Lab.

Explore 5G Lab Solution

AETHER in a Box (5G core deployment in a Box)
Aether™ is ONF's new 5G Connected Edge platform. "Aether-in-a-box" is a compact version of the Aether™ platform. It offers mobile connectivity and edge cloud services to distributed enterprise networks. Calsoft provides an "Aether-in-a-box" deployment solution that is hosted on the AWS cloud. Contact us to try out AETHER in a Box in our 5G Lab.

Explore 5G Lab Solution

Our Blogs

How to Run Commands on Remote Windows Machine Using Python Paramiko Module

Discover how Python's Paramiko module simplifies remote command execution on Windows… Read more »

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To explore our end-to-end QA offerings, visit our website or get… Read more »

Why Should Software Testing Matter to Retail Enterprises?

A superlative & consistent customer experience is the mainstay of a… Read more »

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Test Impact Analyzer (CalTIA)

Streamline Your Testing Process for Faster and more Reliable Software Delivery

Testing bottlenecks and growing complexities of regression suites in fast-paced software development environments can now be addressed. Calsoft's Machine Learning powered Test Impact Analyzer is the ultimate solution to optimize your test cycles and enhance efficiency.

CalTIA: The Solution

With CalTIA, you can say goodbye to random test selection and embrace a streamlined approach to testing. CalTIA offers a range of features and benefits to enhance your testing process:

Predictive Test Recommendation

- With its advanced Machine Learning capabilities, CalTIA intelligently selects the most relevant tests based on code changes, ensuring efficient test cycles.
- Leveraging CalTIA and executing an essential subset of tests significantly cuts regression time, accelerates release cycles, and lowers infrastructure costs.

Intuitive Interface and Reporting

- It has comprehensive reporting capabilities, making it easy to manage and monitor the tool's capabilities.

Zero-Touch Workflow

- CalTIA seamlessly integrates into your DevTestOps pipeline
- After the initial, one-time configuration, CalTIA continues to operate in autopilot mode.

Easy Integration with DevOps Pipeline

- CalTIA can be effortlessly deployed as a container image or on a Virtual Machine.

Non-Intrusive Deployment

- CalTIA ensures that the performance impact on your development and test pipeline is negligible.
- It ensures super smooth & efficient operations and maintains information privacy.

Take control of your testing and unleash the true potential of your software releases with CalTIA by Calsoft.

Sign up for CalTIA Demo

Don't let testing be a bottleneck in your software delivery process. Experience the efficiency, speed, and accuracy of the CalTIA for yourself.

Sign up for a demo and witness the difference CalTIA can make in streamlining your testing process.

Contact Us

Optimal Support Services for ISVs & Enterprises

Calsoft's Product Sustenance & Support Engineering team acknowledges the importance of time and efforts towards business-critical processes and has been managing and supporting product lines for some of the leading companies across the globe. We also provide L1, L2, and L3 product support, sustenance engineering, and migration services, enabling you to focus your limited resources on innovation, customer acquisition, and new product development.

Our Sustaining Support Services

Sustaining Engineering Solutions

We help our customers sustain their products and applications with a sharp focus on product optimization. Our offerings include Hotfixes and Updates; Feature Enhancement and New Feature Development; Product Customization; and Ecosystem Integration.

Read More

NOC Support

Ensure 24x7 uptime and business continuity for your customers with our specialized Network Operations Center (NOC) Support managed by our team of IT Support engineers who deftly manage, monitor, and maintain critical client networks.

Read More

Patch & Release Management

We oversee and manage a software release right from planning to development, testing, and onward to deployment. Our offerings include end-to-end release management and we also assist with regulating and automating patch management for security updates, changes in the system, or drivers.

Read More

Documentation Services

Our expert technical writers capture your product functionality and convey it accurately to your end user while our project managers ensure the documentation is delivered consistently, and on time. Our offerings include Product Documentation, Single Source Authoring, and Content Architecture.

Read More

Product Re-engineering

We help our customers transform their existing products to meet current and future business demands. Our offerings include Code Optimization & Re-factoring; Fine-tuning of Architecture and Design; Usability Engineering; and Competition Analysis.

Read More

Product End of Life Management

We support our customers in end-to-end planning and execution of product end-of-life activities, which include Product Phase-out Planning; Full & Partial Sustaining Support; Stakeholder Communication; and Product Withdrawal.

Read More

Technology Coverage

STORAGE

Maintenance, Backup & Recovery, Capacity Planning, Disaster Recovery, and more

VIRTUALIZATION

L2 & L3 Support, Maintenance, Documentation, End of Life Management, and more

NETWORKING

Performance Management, Integrations, 24×7 NOC/L1 Support, Maintenance, and more

CLOUD

Backup & Recovery, SaaSOps Support, DataOps Management, and more

IOT

Firmware Updates, 24X7 Customer Support (L1- L3) for Device Management Monitoring,
Security, and Application Monitoring

AI/ML

Process automation, AIOps, DevOps, AI Workload Management, Backup & Recovery, Code
optimization, and more

Industry Coverage

ISVS

Modernization Services, SaaSOps, Mobile Enablement, and more

DATA CENTERS

Infrastructure Management, Application Management, Monitoring & Compliance, ServiceNow Integration, and more

NETWORKING & TELECOM

L2 & L3 Support to NFV, SDN, V-RAN, SD-WAN; Data Analytics; NOC Support; and more

Page Name:

Sustaining Engineering Solutions

For product companies, things don't come to a grinding halt after product release. Efforts to sustain the product in the market and create a great customer experience keep the business in the market for the long run. Calsoft's Sustaining Engineering Solutions help product companies worry less about post-release efforts as we take charge of product enhancement, customization, integration, and other tasks.

Hotfixes & Updates

After product release, as a part of continuous improvement, it needs regular driver, OS, or feature updates. The purpose could either be fixing bugs in programs, addressing security issues, or adding new functionality. Calsoft helps customers by offering quick fixes with installation, configurations, and resolution of issues.

Backup& Recovery Product L3 Support Project

This project involved handling customer escalations for a backup and recovery product for VM on major virtualization products – VMware ESX and Microsoft Hyper-V; planning and providing hotfixes; assisting the customer's development team to resolve any internal development bugs.

Request

Sustaining Cisco Invicta SAN Product

Calsoft is the only engineering team to provide development support (L3 support) for two All Flash Array products, including owning the end-to-end engineering activities involving development, test, build and release; planning and providing hotfixes and releases for the product; and meeting SLAs.

Feature Development & Enhancement

Software product maintenance is much more than just bug fixing. To keep the product compatible with the evolving and demanding market, development teams need to enhance the product features for better experience and visibility. Our development team assists product owners to develop new features and enhance the existing ones.

Technology Enhancement

Rapid technological changes call for the addition of new capabilities to legacy applications and products. Calsoft supports with the migration of these applications to the latest technologies.

Vcenter Plug-In Upgrade to Flex-Based Interface

Calsoft upgraded the vCenter plugin to Flex-based interface to support both the new VMware vSphere Web Client (VWC) deployment architecture for the customer's vCenter Server plugin, and the new Flex-based VWC user interface while keeping the backend technology stack intact.

SEE OUR BEST WORK

Vranger Product Development and Support

Calsoft provided platform support for: VMware and Hyper-V with new features; Incremental Backup with Windows 2k16 RCT feature; latest version of EMC DDBoost Library and its certification. The project team also added new features like BMR for Physical Windows® servers; and more.

Product Customization

For any product to sustain itself in the business landscape, the one-size-fits-all approach never works. Hence, we ensure every product delivered is as per customer requirements. Our seasoned development team assists product companies with full-scale product customization solutions.

Ecosystem Integration

The use of multiple tools can make the functioning of a product very complex. Calsoft helps with integration of existing applications, platforms, and products in a multi-cloud environment. Ecosystem integration is also a critical step towards digital transformation as it ensures no partner, customer, application or platform is left behind.

Integration Of Vrealize Orchestrator with Vrealize Automation

The engagement underpinned: implementing workflows that integrate with the client software; integrating these workflows with vRA; test resource provisioning using these workflows through vRA.

SEE OUR BEST WORK

ODC– Development And QA

Calsoft helped the customer with designing, implementing, and testing of its product's feature set; along with internationalization/localization support.

Localization Support

We offer localization support to product companies by incorporating predefined localization data and features derived from existing libraries or user preferences. Some immediate benefits of localization include increased market share, customer acquisition & retention, reduction in support costs, and increased competitive advantage.

Page Name:

NOC Support

A network is considered to be the nerve center of a company, powering all crucial communication and carrying the most vital data. Any glitch in the network operations could cause the entire system to become dysfunctional. Calsoft's product support expertise covers 24X7 NOC support to service providers for continuing business functions smoothly without any hindrances, downtimes, or data loss.

Network Monitoring & Management

Our watchdog solutions for our customers' network operations ensure detection of any vulnerabilities and threats with a timely response mechanism for maximum operational efficiency.

Network Monitoring & Management

Calsoft enabled network monitoring of virtual machines in vSphere environment; resolved performance challenges of Network Filter Driver in a large infrastructure; simplified complex testing scenarios; and more.

SEE OUR BEST WORK

Development for SDN-VE Product

Calsoft provided 24*7 SOC/NOC to support monitoring of the cloud deployments and avoid any service outages to the end customers.

NOC Outsourcing

We take charge of the end-to-end network operations center with round-the-clock remote assistance for maintaining smooth infrastructure, systems, network operations, and maximizing availability.

Cloud Migration Services

Our cloud solutions include cloud migration services that help customers with seamless and secure application or data migration to a cloud platform or transition from one type of cloud platform to another. We also support hybrid and multi-cloud migrations.

Vcenter Plugin: Private to Public Cloud Migration

Calsoft developed vCenter plugin for private to public cloud migration. The engagement underpinned: migrating VMware vDC from private to public cloud from VMware vSphere web client; inventory management; integration with multi-tenant solution; management of complex migration workflow.

SEE OUR BEST WORK

DevOps For Storage

The engagement underpinned: implementing configurations for various technologies on Production and QA environments; troubleshooting and handling production issues daily on various data centers; providing NOC coverage.

NOC Help Desk

Our NOC help desk support services ensure timely resolution of queries and issues with complete business continuity. Our experts follow strict SLAs to ensure our customers' end users get the resolution they need in the minimum possible time frame.

Key Highlights

Dashboard for Multi-Cloud Visibility & Provisioning

Calsoft was engaged with the customer to create a single application to manage resources across multiple clouds.

Request for success story

Related Resources

Connection Between AI And Storage

This podcast explains about how AI and storage are connected and in what ways AI is helping Storage solutions

Listen Here

Webinar on ServiceMesh Architecture

The webinar presentation focused on the background of service mesh, its working, security aspects, functionalities, business cases, and a demo. Request webinar recording here.

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What if you never invested in STaaS

Over the past few years, cloud storage has gone from a niche technology to one used by billions of people worldwide. But some businesses are still resisting the change. Storage…

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NVMe: Optimizing Storage for Low Latency and High Throughput

Understand what is NVMe, how it works, features, market players, NVMe over Fabrics, and transport options.

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This HawkEye covers, Why Cloud Native is So Important? Cloud Native Development: Current Market Dynamics, Cloud Native Adoption: Key Trends in 2022 ,The "Cloud-native Disruptive" Potential, Cloud Native Adoption: Challenges.

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Patch & Release Management

Patch and release management spans the entire application and infrastructure landscape. Managing the driver and system updates; security patches; build, deploy, and release can be time-consuming and expensive in the longer run, with the need for a dedicated IT infrastructure. Calsoft assists companies in managing their patch and release cycle by leveraging best practices so that our customers can focus on their core business goals.

Patch Management for Updates

Patch management helps in fixing the problems that often go undetected before product release or arise post release. Calsoft assists companies as their internal team in installing patches to the end users; and keep systems up to date.

Sustaining Cisco Invicta San Product

Calsoft is the only engineering team to provide development support (L3 support) for two All Flash Array products, including owning the end-to-end enginering activities involving development, test, build and release; planning and providing hotfixes and releases for the product; and meeting SLAs.

SEE OUR BEST WORK

Build And Release Success Story

Calsoft helped the customer manage the Build & Release cycles for their product, sparing time for the customer teams to handle other development enhancements

Build & Release Management

Calsoft helps product companies in automating the process of build and release cycle using cutting-edge technologies and tools. Our SDLC experts help in the management, planning, scheduling, and controlling of the software builds through different stages of the life cycle.

Configuration & Change Control Management

Calsoft assists companies by dealing with their product's configuration & change control management through the entire cycle of identification, maintenance, status reporting, verification, impact analysis, documentation, and approval or rejection of change requests.

VNX Provisioning Automation

The engagement underpinned: Navisphere management from within the VI client; automated verification of REST APIs.

Related Resources

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Documentation Services

Product documentation forms an important part of any product development life cycle. The right documentation helps in eliminating back-and-forth communication between users and product owners seeking answers to the customers' queries. This saves both the time and cost of the product owners, adds value to the product delivery, and helps enhance customer experience and brand recall.

Product Documentation

Calsoft's expert technical writers assist product companies in communicating their product's functionality with clarity, quality, and accuracy – through user-friendly collateral comprising operations manuals, procedures, guides, standards, and more. Our writers collaborate closely with the customer's engineering teams to help them optimize their technical documents for use across the organization and for their end users. We adhere to industry standard tools, techniques, and processes including authoring tools, and quality control & version control processes.

Backup & Recovery Software

Calsoft developed a snapshot-based backup & recovery software. The documentation team prepared a set of around 35 documents from scratch for multiple releases.

SEE OUR BEST WORK

Integrated Infrastructure Solution

Calsoft supported a leading IT infrastructure company with preparing and publishing documents for their integrated infrastructure solution that provides autonomous provisioning of system resources. The documentation team prepared documents from scratch for multiple releases.

Single Source Authoring

Our proficiency in authoring tools like DITA XML and our mature content planning processes help us provide content that adheres to the dictum "write once, publish everywhere". This essentially means, your content creation should serve two goals – ability to publish in several formats such as PDF, Mobile, HTML, and so on, and use the same content as building blocks to generate documentation for related products. What this eventually translates into is efficient content production and management, which is what we help our customers with.

Content Architecture

A well-designed content architecture is like a blueprint on which your customer experience strategies are built. It has a great impact on the way your content is managed and more importantly, the way your end customers interact with your products. Our content experts support customers with regular content audits, content planning, taxonomy, and UX design.

Archive Management Software

Calsoft developed the Archive Management Software that provides a complete Archive Management Solution when combined with NETArchive and Archive Appliance solutions.

Key Highlights

Backup & Recovery Software

Calsoft developed a snapshot-based backup & recovery software. The documentation team prepared a set of around 35 documents from scratch for multiple releases

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Product Re-engineering

Leverage emerging technologies to your business advantage by re-engineering and modifying existing products and applications. IT helps in optimizing the performance of the product and allows addition of new functionalities to it, which were missing in the earlier version. Calsoft's team of product engineering experts assists customers in improving product functionalities by enhancing the features, optimizing programs, and polishing design & architecture.

Architecture & Design Fine Tuning

We assist product companies in fine tuning their existing product architecture and design to get a more augmented version that performs better. Going beyond just fixing bugs and flaws, we primarily focus on the scalability and flexibility of the product being re-engineered.

Cloud Monitoring Solution

Calsoft was engaged with the client for developing multi-tenant cloud infrastructure monitoring solution.

SEE OUR BEST WORK

Porting Of Linux Distributions and Kernel Versions for Nas Box

The engagement underpinned: making available NAS box on a variety of Linux distributions with various kernel versions; work while porting product to various Linux distributions.

Code Optimization & Refactoring

Our technology experts help in optimizing software codes to increase the efficiency and performance of the system with minimal dependencies on external resources. Our programming experts try to fix the existing software design and structure by restructuring the software code.

Usability Engineering

We understand that many product features can become obsolete over time. Our seasoned Usability engineering team provides structured methods for achieving efficiency and elegance in interface design for our customers.

GUI Development and Testing For SSD/Flash Drive

Calsoft supported the customer with GUI development and testing of SSD/Flash drive, helping eliminate I/O bottleneck in a virtualized environment and making the GUI more user-friendly.

SEE OUR BEST WORK

Testing Of Wi-Fi Access Points

Calsoft engineers tested enterprise-grade Wi-Fi access points using manual testing methodologies, along with automation frameworks using Python.

Benchmarking

Benchmarking is crucial for understanding how your product is faring vis-à-vis its competition. Our benchmarking support covers a gamut of activities including strategy, process, design & technology optimization, innovation, implementation of industry best practices that help our customers stay abreast of market changes and save on time and costs.

Key Highlights

Dashboard for Multi-Cloud Visibility & Provisioning

Calsoft was engaged with the customer to create a single application to manage resources across multiple clouds.

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Product End of Life Management

The end of life (EOL) process for a product or technology involves a series of activities that need to be strategically planned so the end users don't miss out on anything once the product becomes obsolete – this includes retirement planning, communication, phaseout process, and more. Calsoft assists product companies through the EOL process, adhering to company policies and industry best practices.

Product Retirement Planning

We support our customers with block, fileshare, and object & unified storage such as Ceph.

SEE OUR BEST WORK

Backup And Recovery Product L3 Support Project

This project involved handling customer escalations for a backup & recovery product for VM on major virtualization products – VMware ESX and Microsoft Hyper-V; planning and providing hotfixes; assisting the customer's development team to resolve any internal development bugs.

Full & Limited Sustaining Support

In most cases of the product EOL, complete product support is withdrawn. But in special cases where a customer is already using the product and doesn't want to replace it with new one, product companies provide full and limited sustaining support. We support our customers with providing full/partial support in such instances.

Stakeholder Communication

In product EOL planning, communication is vital. Communicating with the right stakeholders at the customers' end regarding the phase-out of the product and educating them with further instructions about product support, product replacement, and more is crucial. Calsoft supports product companies with targeted product documentation for this purpose.

Unified Backup and Recovery Product L2 Support Project

Calsoft provided escalation support (L2) for an enterprise-class backup and recovery product, with benefits including triaging and debugging customer problems with effective customer communication and reduction in the escalation backlog.

Phased Product Withdrawal

We support product companies with complete product withdrawal in a phased manner – right from planning to execution. This includes withdrawal of the product from all the mediums through which it is sold, executed, presented.

Key Highlights

Dashboard for Multi-Cloud Visibility & Provisioning

Calsoft was engaged with the customer to create a single application to manage resources across multiple clouds.

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Design Meaningful Experiences

It's often said that products are made in the user's mind first and then on the conveyor belt. Having worked closely with product companies, we understand the importance of creating a meaningful design that captures the attention of customers and influences buying behaviors. Our offerings help customers deliver positive and memorable experiences throughout the buyer's journey.

UI/UX Engineering Services

Information Architecture

Help your end users find exactly what they need with a robust and intuitive information architecture

Read More

Rapid Prototyping

Quickly mock-up the future state of a system and get it validated before stepping into production

Read More

UI Modernization

Gain a competitive edge by upgrading your legacy UI to meet the changing demands of time, market, and customers

Read More

Feature, Functionality, and User Testing

Imbibe testing at every point in the iterative design process to keep your product on the right track

Read More

Front-end Development

Experience a responsive and intuitive front-end design along with fast loading time across a variety of devices and user needs

Read More

Mobile UI Development

Design, develop, and scale your applications for a mobile-friendly, responsive, and interactive user interface.

Read More

Technology Coverage

VIRTUALIZATION

Service Mesh Implementations, Containerization, Edge Cloud, Data Analytics, AI-driven Testing, and more

SECURITY

Safety by Design – functional and user-friendly security solutions keeping the preferences of end users in mind

IOT

Customizable UI/UX for dynamic and smart devices that process and transfer massive data in real time

AI/ML

Improved usability and accessibility of data analysed by AI/ML-powered software and devices

Industry Coverage

ISVS

Prioritized and user-oriented features that cater to metrics such as 'useful', 'timely', 'intuitive', and so on

TELECOMS

Intuitive and easy-to-use interfaces for telecom software, hardware, dashboards, and services

RETAIL

Driving customer delight through a useful, navigable, and fun UI for e-commerce applications

Information Architecture

Accurate project planning is the first step to complete any project. Similarly, a robust structural design is crucial to set the tone for organizing any information. Information architecture comes handy and serves as a guide to create the best UX/UI for websites, software, applications, and any online interface. Calsoft's skilled and creative team of UX experts believes in laying a reliable groundwork in terms of the information architecture of a product, which helps our customers gain focused results.

Hierarchy

We provide an in-depth mapping of hierarchies between pages for our customers' framework, application, and website for an efficient user navigation. Customers benefit from accurate positioning and fool-proof content and design structure for an efficient UX/UI.

Labeling

Our brainstormers help customers with an exceptional labeling system for the page titles that helps a visitor find accurate and desired page, link, or content. This helps in maximizing the visibility and usability of the information.

Taxonomy

A clear-cut taxonomy is essential for a superior user experience. We help our customers with extensive classification, labeling, grouping, and structural distribution of their information environment for easy navigation.

Security

Our UX/UI Security experts combine their knowledge and skills to structure information security architecture for our customers. It helps ensure that information systems and their environments comply with all the mission-critical security requirements consistent with the organization's risk management strategies.

Rest API Framework

Calsoft developed REST API for a Security appliance and provided standard security model for protecting the backend functionality exposed as APIs.

Data Protection of Microsoft Hyper-V Platform

Calsoft assisted the customer in developing a plugin for Windows Hyper-V using a web-based UI and a centralized way of configuring backup and restore policies for Hyper-V.

Request

Navigation & Search

When organizations focus more on search than ease of navigation, it leads to users investing more time and energy in searching for what they want. A robust UX/UI strategy focuses on striking a healthy balance between these two functionalities. We help our customers create functional navigation and search elements for their websites and pages.

Key Highlights

Web UI for Device Provisioning

Calsoft helped a global IIOT solution provider develop a comprehensive user interface, backend for administration and configuration in IIoT platform.

Request for success story

Our Blogs

Exploring Voice User Interface (VUIs)

Voice user interface (VUI) is one of the key design trends in 2022. VUI is used for allowing the users… [Read more »](#)

API Authentication & Authorization using Passport.js

Get to know a great way of securing your angular applications and protecting your APIs by leveraging Passport.js. Read on… [Read more »](#)

Witness Minutes of Angular Clarity!

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Page Name:

Rapid Prototyping

Rapid prototyping is an iterative process used for the development of software products or websites. It enables quick creation of mockups of a product before it reaches the production stage. This way, the UX/UI can be validated by the stakeholders in advance, thus avoiding major expenses that can occur when changes are introduced into production. This method is adopted from the manufacturing industry and the process can be exhaustive and iterative. Calsoft supports customers through the complete cycle of rapid prototyping – right from building, reviewing, revising, till the prototype is released for production.

Conceptual Sketches

This process is simple and helps in conveying the idea by creating conceptual sketches that guide with the checkpoints during actual prototyping. Calsoft's creative experts help in quick conceptual sketches to define the flow of design and functionalities.

SEE OUR BEST WORK

Edge Device Orchestration: Configuration and Monitoring Console

Calsoft developed an orchestration platform to configure, monitor and administer the edge devices and servers.

Request

Interactive Wireframes

Wireframes are more detailed and interactive versions of sketches. They provide an in-depth and complex mapping of the elements on a website or in a software. We assist our customers in creating interactive wireframes that make the testing of ideas and concepts easier.

Working Prototypes

Working prototypes are one step before building a final production-ready product. They help in understanding the complete functionality-related aspects of the product and improve the look and feel of the website or application.

To know more about how we can align our expertise to your requirements, reach out to us.

Prototype Development Service

Provided scale up or down model – scaled engineering resources per POC or scaled number of POCs, while maintaining a small constant team; maintained IP confidentiality; converted POC into a deliverable product based on findings and feasibility.

Key Highlights

Web UI for Device Provisioning

Calsoft helped a global IIOT solution provider develop a comprehensive user interface, backend for administration and configuration in IIoT platform.

Request for success story

Our Blogs

Exploring Voice User Interface (VUIs)

Voice user interface (VUI) is one of the key design trends in 2022. VUI is used for allowing the users… Read more »

API Authentication & Authorization using Passport.js

Get to know a great way of securing your angular applications and protecting your APIs by leveraging Passport.js. Read on… Read more »

Witness Minutes of Angular Clarity!

The benefit of working with a design system like Clarity is that it adds a consistent modern user experience for… Read more »

UI Modernization

For a better user experience, dynamic interfaces, and great functionalities, organizations are opting to modernize their existing product interfaces by utilizing the latest & trending technologies, methods, design features, and best practices. Our modernization services include GUI, application, and technology modernization to provide better usability and experience to the end users.

Application Modernization

To meet the sky-high demands of the market, it is absolutely vital to redefine your business processes to further improve the efficiency and effectiveness of your product. We provide end-to-end application modernization services that provide scalable and robust applications with an interactive & immersive user interface to align with the changing business needs.

Application Modernization for Financial Domain

Calsoft helped a FinTech customer to transform their legacy applications to efficiently utilize their datacenter infrastructure and reduce CAPEX/OPEX.

Request

SEE OUR BEST WORK

Vcenter Plug-In Upgrade to Flex-Based Interface

Calsoft upgraded the vCenter plugin to Flex-based interface to support both the new VMware vSphere Web Client (VWC) deployment architecture for the customer's vCenter Server plugin, and the new Flex-based VWC user interface while keeping the backend technology stack intact.

Request

Technology Modernization

Modern technology is rapidly growing and cannibalizing traditional technologies and methods. To stay abreast of this transformation, companies need to migrate their applications to new technologies. We help in migrating legacy applications to upcoming and trending technologies, resulting in enhanced user experience and agile applications.

GUI Modernization

An exceptional graphical user interface is essential for formulating a great user experience and hence updating GUI regularly helps keep the application au courant. Our UI experts assist in modernizing GUI for products and applications by leveraging the latest practices, tools, and techniques.

Web UI For Device Provisioning

Calsoft helped a global IIoT solution provider develop a comprehensive user interface, backend for administration and configuration of their IIoT platform.

Request

Related Resources

BLOG

[Infoblog] Redefining UI/UX with Inclusive Design Thinking

Inclusive Design is the process of designing mainstream products and/or services that can be accessible to, and usable by, as many people as reasonably possible!

Read More

EBRIEF

Power of Progressive Web Apps (PWA)

Progressive Web Apps (PWAs) give users an experience similar to that of native apps, but by using manifests and other web-platform features, which are combined with multiple progressive enhancements.

Download

UI Automation for Hyper-Converged Infrastructure (HCI) Platform

Calsoft is engaged with customer for development of GUI Automation framework and test case scripts development to enable automated testing of the Product GUI

Download

Our Blogs

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Request for success story

Page Name:

Feature , Functionality & User Testing

User Experience testing enables product companies to test various aspects of user experience to decide the best way for their product or website to interact with the intended audience. It is also an effective way to correct the interaction, functionalities, features, and user experience of a product. Calsoft's UX experts help customers with feature testing, functionality testing, and user testing of their products.

Feature Testing

It helps determine the gaps in a product's features and enhances the functionalities of the product. Our UX testing team assists with comprehensive feature testing of the product to identify the gaps as well as the usability of the existing features.

QA & Automation Of SDN Product

Calsoft helped the customer with feature testing of their Software Defined Networking (SDN) product in OpenStack & VMware environments.

Request

SEE OUR BEST WORK

Regression & Feature Testing for Near Line Storage

Calsoft supported the customer with regression & feature testing of Near Line Storage Solution, optimizing the speed of testing process and reducing testing cycle time.

Functionality Testing

It checks a product's functionalities as per requirements or specification analysis and helps in realizing the functional disparities to get the expected results. Our testing services offer functional as well as non-functional product testing.

Usability Testing

Usability testing helps in determining a product's functionalities from the users' perspective. It is also called user-centric testing and helps understand if the product designed is satisfying the requirements of the end users. Along with usability testing, we also help with product beta testing and provide a detailed report.

GUI Development And Testing For SSD/Flash Drive

Calsoft supported the customer with GUI development and testing of SSD/Flash drive, helping eliminate I/O bottleneck in a virtualized environment and making the GUI more user-friendly.

Key Highlights

GUI Development And Testing for SSD/Flash Drive

Calsoft supported the customer with GUI development and testing of SSD/Flash drive, helping eliminate I/O bottleneck in a virtualized environment and making the GUI more user-friendly.

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Front End Development

Companies are adopting groundbreaking approaches for the frontend development of their software, website, or applications. They have become more aware of the trending technologies and are making choices best suited for their brand and audience. Calsoft, with years of expertise in UX & UI engineering and honed skills in data & GUI tools such as HTML, CSS, JavaScript, and more, helps customers create extraordinary interfaces that are modern, smart, and high performing.

UX Design

One of the major components of a robust UX strategy is UX design and its actual execution, which is frontend development. Our UX experts are seasoned designers and engineers that provide one-stop design solutions, which result in meaningful and relevant experiences to the end users.

Application Modernization for Financial Domain

Calsoft helped a FinTech customer to transform their legacy applications to efficiently utilize their datacenter infrastructure and reduce CAPEX/OPEX.

Request

Middleware Development

Middleware enables effective communication and data management between an operating system and the applications running on it. We ensure optimal communication between the OS & the applications. Our middleware software development expertise provides services to software applications on top of available features in the OS.

Performance Engineering

Performance and experience is everything when it comes to the measurement of the frontend development. Our performance engineering approach is embedded across all stages of the software development life cycle to ensure high-performing applications and user interfaces, which are delivered on time and within budget.

SEO & Metadata

We assist our customers with alerts-based or query-based management layer. We also offer metering and automated capacity structuring, block-level deduplication, and more.

Key Highlights

Edge Device Orchestration: Configuration and Monitoring Console

Calsoft developed an orchestration platform to configure, monitor and administer the edge devices and servers.

Request for success story

Page Name:

Mobile UI Development

Companies are adopting groundbreaking approaches for the frontend development of their software, website, or applications. They have become more aware of the trending technologies and are making choices best suited for their brand and audience. Calsoft, with years of expertise in UX & UI engineering and honed skills in data & GUI tools such as HTML, CSS, JavaScript, and more, helps customers create extraordinary interfaces that are modern, smart, and high performing.

Responsive Design

With the multitude of devices thronging the market and end users seeking personalized experiences, the one-glove-fits-all approach cannot work. We focus on creating web pages and software UI that automatically and effortlessly render on a variety of devices and window or screen sizes.

NFV TCO Calculator

Calsoft developed a tool to help the end users discover the cost-saving opportunities by virtualizing the network using a leading virtualization technology.

Request

Security

We ensure that all our UI/UX offerings are secure by design so that our customers' and their end users' sensitive information stays protected from any kind of digital fraud – malware, hacking, or any other criminal manipulation. Our processes ensure that security is woven into every stage of the development life cycle

Deployment & Test Automation

Calsoft developed scripts to automate the deployment of various components on Azure Cloud, and tested network security at the application level.

Request

Customized User Experience

We create optimized mobile application user experience by applying best practices, design thinking process, and the latest tools and technologies that align with the customers' brand strategy and their end users' expectations.

Web Application Development for Food Delivery

Calsoft helped a popular food delivery aggregator services company to develop their mobile-based web application using microservices architecture.

Request

Key Highlights

NFV TCO Calculator

Calsoft developed a tool to help the end users discover the cost-saving opportunities by virtualizing the network using a leading virtualization technology.

Request for success story

Data Engineering, Governance and Analytics

In the ever-evolving world of technology, **Cloud** is playing a significant role. With the internet and the increasing adoption of cloud-based systems, there's a substantial surge in **Data Generation**. The more the data, the higher its usage in heterogeneous systems. As complexities in the data increase, business organizations call for **Efficient Data Management**.

To make sense of this ever-increasing convoluted data, your organization needs data engineered for analytical and governance processes. Calsoft helps in leveraging this data more decisively with **Data Quality Management**, **DataOps** and **Cloud Data Platforms**.

Top Data Sources

DATA WAREHOUSES

DATA LAKES

DATA ENGINEERING PROJECTS

DATA SCIENCE PROGRAMS

DATA SHARING INITIATIVES

DATA APPLICATIONS

Data Quality Management

Enabling a culture of data-driven decision-making by ensuring reliable and actionable data

- Process Consulting for Formal Data Quality Management

- Federated Data Quality Platform Development (with Cloud-native & Open-source Technologies)

Cloud Data Platforms

Facilitating the migration of data ecosystem and enterprise data to the cloud and cloud data warehouses. Empowering organizations to utilize a wide variety of workloads and applications on any cloud.

- Cloud Readiness Assessment
- Database Platform Migration

Development of Comprehensive Cloud Management Platform

As the customer's development partner for their continuously evolving cloud management platform, Calsoft worked feature enhancements such as network automation, addition of multiple platforms, technologies as service catalog items.

Request

DataOps Management

Focusing more on business solutions over service delivery with faster data pipelines and deployment automation.

- Data Pipelines for Seamless DataOps Integration
- Automated Build and Deployment of DataOps Programs

Data Governance

Businesses need to have proper data governance framework in place to drive more business value. Calsoft's Data Governance Practice offers well designed governance services that empower customers to keep data in an organized, accurate, secure and compliant with the prevailing regulatory norms at any stage.

- Project Planning and Technical Change Management
- Data Quality Improvement
- More Seamless Cloud Migrations
- Better Results from ML Pipelines
- Regulatory Compliance
- Data Discovery & Improved Monetization

WEBINAR

Data Governance: Springboard for Cloud Migration

Data governance is a set of practices that enable enterprises with the tools, processes, and people to manage, maintain, integrate, and secure data efficiently. Calsoft, on March 31, 2021, hosted a webinar on Data Governance: Springboard for Cloud Migration.

Read More

PODCAST

5 Things You Must Consider for your DQM Program

Data Quality Management is becoming an essential part of streamlining business processes. As a result, the global market of quality management software is witnessing an increasing adoption.

Read More

Our Blogs

- **Unlocking Business Growth: The Power of Customer Experience Engineering (CXE)**
  Customer Experience Engineering (CXE) is an important strategy to underpin fast business growth and success. Unlike,… Read more »

- **How Data-Driven Decision-Making Transforming Retail Industry**
  Data-driven decision-making is reforming the retail industry by providing valuable insights obtained from vast amounts of… Read more »

- **Role of Big Data in Industry 4.0 and Beyond**
  As we all know data is the new oil and it is transforming the way businesses… Read more »

Page Name:

Technology

VIRTUALIZATION

Enabling virtual systems for faster workload deployment, high server availability, increased application performance, and reduced OpEx.

CLOUD

Adopting the "cloud" way of reducing costs, automating backup, increasing scalability, enhancing automation, and upgrading security.

SECURITY

Protecting enterprise data and applications with multi-layered encryption, access control, data masking, and advanced cybersecurity measures.

IOT

Building a smart, connected ecosystem of devices for efficient operations, optimized resource usage, real-time performance analytics, and amplified productivity.

AI/ML

Creating smart solutions with intelligent automation, Edge AI, predictive analytics, Deep Learning frameworks and more.

OPEN SOURCE

Encouraging innovation through transparent collaborations, custom integrations, and unrestricted programming.

Data Analytics

With the advent of digital transformation, data is growing by multi-folds. Make sense of your data using robust data engineering and analytics solutions.

Page Name: virtualization

Future-ready Virtualization Services

Calsoft helps global ISVs to develop and build a product across a range of virtual environments and assists in end-to-end management of virtualized resources.

Virtualization Services

Certification

Our certification services include detailed testing and evaluation of products to ensure that they meet the specific integration and interoperability standards set by leading brands like VMware, Microsoft, and Citrix, and enable customers to demonstrate their products' credibility.

Read More

Server, Desktop & Network Virtualization

Assisting in creation of various individual virtual servers from the same physical server, running without any operational and functional dependencies; creating hassle-free desktop environment using customized desktop images regardless of the underlying physical computer; real-time scaling of the available bandwidth on a network for the available network resources.

Read More

Plug-in Development

We help our customers to develop customized ServiceNow plugins. We also certify their solutions for featuring in the ServiceNow store and provide data center and SOAR support. Our expertise extends across all major hypervisor providers including VMware, Microsoft, Linux, and Citrix.

Read More

VMware Expertise

Our deep expertise in the VMware suite of products extends to VASA / vVols Integration for Storage vendors; security & compliance; backup & recovery; HA/DR/CA, Health and Performance Monitoring solutions for VMware ecosystem; plugin development; integration; and more.

Read More

Industry Coverage

ISVS

Product engineering and feature enhancement, ecosystem integration, product lifecycle management, QA, testing and maintenance, security assurance, application virtualization, and more

DATA CENTERS

Engineering and maintenance, data center virtualization, storage and backup solutions, cloud services, SAN, NAS, RAID, opensource and migration, real-time data analytics, and more

NETWORKING & TELECOM

Network automation and virtualization, network and endpoint security, data storage and management, real-time data analytics, IoT integration, edge computing, NFV, VNF, and more

RETAIL

Efficient inventory management, better customer experience, scalable cloud storage, optimization of processes, SLA management, data security and privacy, VR/AR and more

Services Coverage

PRODUCT ENGINEERING

Cutting-edge offerings, right from designing to sustaining smart products through their life cycle

DIGITAL

Meaningful customer experiences, standardized operations, process automation, smart analytics, and more

SUSTAINING & SUPPORT

Knowledge management, SLA management, faster ramp-ups and takeovers, improved productivity, and more

UI/UX ENGINEERING

UI modernization, front-end & mobile development, information architecture, rapid prototyping, reports & dashboards, and more

Certification

Staying relevant in today's market where the consumer has enough options to cause information overload is a difficult proposition. This also holds true for vendors who need that something extra to get noticed by their prospective customers. And this is where product certifications come into the picture. Certified products ensure compatibility across platforms, servers, storage, and key applications. Certification also assures end customers about product quality and ultimately helps increase opportunities for generating revenue.

Calsoft has assisted multiple customers from the Storage, Virtualization, and Networking domains in getting their products certified for different environments, making their products market-ready in an efficient manner.

Citrix Ready Certification

Gain best-in-class compute and virtualization infrastructure, and visibility for your products in the virtualization space. Calsoft assists storage ISVs in testing and verifying their products to make them compatible with the Citrix Ready program. Calsoft's Citrix Ready certification services include computing, performance, scalability, and resilience verification.

Learn More

Citrix Certification

Calsoft helped the customer in getting Citrix XenApp and XenDesktop certification for their desktop application.

Request

VMware VAAI Block Certification for Storage Product

Calsoft carried out certification testing of the customer's iSCSI block storage product for its VAAI compatibility.

Request

VMware Ready Certification

Ensure your products satisfy specific VMware integration and interoperability standards and gain visibility in the market. Calsoft offers VMware Ready certifications for Storage, Networking, Security, and Cloud products and applications.

Learn More

Key Highlight

VMware VAAI Block Certification for TrueNAS Storage

Calsoft developed a vRO plugin for the customer. The plugin helps in running the workflows and performs multiple operations on storage infrastructure. The engagement underpinned:

- Development of plugin
- Bug fixing
- Certification

REQUEST SUCCESS STORY

VMware Certification Testing for Unified Storage Appliance

Calsoft was engaged with the client for VMware Certification Testing for Unified Storage Appliance. The engagement underpinned:

- Solving issues faced by the client due to changes made by VMware in ESXi 5 while certifying their products, and making them workable with vSphere 5
- Running S/W iSCSI certification and impart training in FC certification for their unified storage appliance

REQUEST SUCCESS STORY

Related Resources

PODCAST

Product Development the Behavior Driven Way

Business leaders are in a tough spot to roll out products in a timely fashion with high quality or risk losing market share. Technology ever changing has simultaneously enforced a change in product development methods.

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Webinar on ServiceMesh Architecture

The webinar presentation focused on the background of service mesh, its working, security aspects, functionalities, business cases, and a demo.

[Request Recording](#)

Distributed Application Architecture for Edge-Based Service Delivery

This article is originally published on TheNewStack. We are re-publishing it here. Software-based services delivered to endpoints are composed of different sub-application components. Currently, any such services are using typical…

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Microservices: Software Architecture for Faster Time to Market and Advanced Delivery of Services

To highlight the potential of microservices to disrupt the competitive growth of every businesses and help understand the key technical specification, we have constructed this ebook. In this ebook we will cover: Microservices Basics, Features, Characteristics, and the Microservice Architecture's Business Benefits.

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Why Containerize Traditional Application

This document features the evolution, trends, benefits, and drawbacks of using Container technology and explains why we need to modernize traditional applications with the help of this technology.

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Page Name:

Server, Desktop & Network Virtualization

Calsoft, one of the earliest contributors to virtualization technologies, has relentlessly followed the latest innovations and actively implemented them in customer projects for maximum business benefits since the past 2 decades.

Calsoft assists product companies in developing next-generation virtualization products through its expertise across technologies such as VMware ESX, Microsoft Hyper-V, Citrix Xen Server, and Linux KVM. Customers leverage our deep know-how and skills in building, testing, and deploying products that operate seamlessly in the diverse virtual ecosystem.

Server Virtualization

Lately, server virtualization has become mainstream due to the obvious benefits such as reduced hardware costs and better flexibility. Enterprises are making server virtualization as one of the crucial components of their IT infrastructure strategies. Calsoft assists them with a complete server virtualization life cycle from planning, designing, to deployment with optimal solutions complementing their business requirements.

Learn More

PCIe – Storage Accelerator Enhancement

Calsoft enhanced the customer's PCIe – Storage Accelerator by designing and implementing Windows drivers for their storage accelerator product.

SEE OUR BEST WORK

VMware ROI Phase IV

Calsoft developed an ROI TCO calculator for the customer, improving the calculation logic in the existing ROI Calculator.

Desktop Virtualization

Desktop virtualization technology is making end-user computing environments more secure, reliable, and flexible with reduced overhead costs and increased productivity. Calsoft's desktop virtualization expertise helps enterprises with end-to-end support and solutions in desktop or client virtualization.

Learn More

Network Virtualization

Network virtualization technology separates the underlying infrastructure from network operations such as auto-scaling, load-balancing, network provisioning, workload management, network security, and so on. Calsoft' rich experience in networking and virtualization helps our customers in seamless implementation of network virtualization.

Learn More

Virtualization of Networking Layer

Calsoft assisted the customer in vitalizing the networking layer, resolving productivity challenges due to the untested Management Console of a virtualized network layer.

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Related Resources

PODCAST

CI-CD Evolution: Jenkins to Jenkinsfile to Jenkins X

Continuous integration and deployment is an automation process that allows changes made to get deployed and reflect instantly. Though there are many CI CD tools like Travis, Bamboo, Gitlab, this podcast will entail a deep dive into Jenkins as the tool is very popular currently.

[Listen Here](#)

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7 Useful ServiceNow Integrations

Nearly for all the companies adopting ServiceNow, it integrates well with their products and their third-party applications. ServiceNow has created its position as one of the best platforms and

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Digital Disruptions with Cloud Native Development

This HawkEye covers, Why Cloud Native is So Important? Cloud Native Development: Current Market Dynamics, Cloud Native Adoption: Key Trends in 2022 ,The "Cloud-native Disruptive" Potential, Cloud Native Adoption: Challenges.

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Page Name:

Plugin Development

Calsoft helps product companies develop plugins that manage storage subsystems from a single UI and perform a common set of storage provisioning and compute tasks without the need to switch between multiple management interfaces. Calsoft's plugin development expertise extends across all major hypervisor providers including VMware, Microsoft, Linux, and Citrix.

VMware VCenter

Development of plugins for vCenter that provide centralized automation, visibility, and proactive management from the usual VMware web client console. Our offerings include storage visibility with ESX and VM; automation of ESX host configuration; provisioning of storage within vCenter across all available protocols to increase storage efficiency; support for array-based, VM-consistent snapshots; integration with VMware View for provisioning and deployment; and implementation of RAID protection

Learn More

vRealize Orchestration Plugin Development

Calsoft developed a vRO plugin for the customer's SAN Storage Array with workflows related to Storage Discovery and Login, Creation of Initiator and Initiator Groups, Storage Provisioning, & Creation of DataStore.

Request

SEE OUR BEST WORK

Development and Testing System Center Virtual Machine Manager

Calsoft helped the customer manage clustered network appliances from within SCVMM.

Request

Microsoft

Development of SCVMM, SCOM, SCSM, SCCM, and SCO plugins in a [Hyper-V environment](#) for security appliance/product vendors; virtual appliance vendors; network gateway solution providers; network device vendors; storage vendors; and ISVs.

Learn More

Citrix

Repackaging of existing modules for use with the XenServer line of virtualization platform products**.**

Learn More

Backup and Recovery Product L3 Support Project – UVB

Calsoft took development ownership of Backup & Recovery product for VM on 3 major virtualization products – VMware ESX, Citrix XenServer, and Microsoft Hyper-V; along with hot fixes and releases.

Request

SEE OUR BEST WORK

Development for SDN-VE product

Calsoft developed various components of DOVE SDN product such as Dove Connectivity Server (DCS), Dove-Agent, Management console and gateways for the customer.

Request

Linux

Development of KVM plugins that enable convenient management of VM and other virtualization functionalities such as storage and [network interface management](#).

Learn More

Related Resources

CI-CD Evolution: Jenkins to Jenkinsfile to Jenkins X

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Page Name:

VMware Expertise

Independent Software Vendors (ISVs) building products to be deployed in a virtual environment such as VMware need to be aware of the underlying policies, architecture, APIs, interfaces, and other requirements of VMware products. Calsoft assists ISVs in integrating their storage and networking products with the VMware ecosystem, and with other application development and monitoring solutions.

Calsoft's expertise in building, testing, and deploying customers' products in the VMware ecosystem helps them with faster delivery, better flexibility, and enhanced security. As a VMware Technology Alliance Partner, Calsoft has rich experience in driving the VMware ecosystem with exposure to nearly all VMware products, giving an added advantage to our customers.

vCloud Director and vCenter Lab Manager

Calsoft assists ISVs, who have Cloud Service Providers (CSPs) as their customers, to leverage vCloud Director for cloud integration requirements. We are a VMware Technology Alliance Partner – Elite level, which helps us bring niche expertise to assist vCenter Lab Manager and vCloud Director users.

Learn More

vCloud Availability Orchestration For vCloud Director

Calsoft helped the customer with building vCloud Availability Orchestration for Cloud DR Service.

Request

SEE OUR BEST WORK

Performance Testing of VDI infrastructure

Calsoft helped the customer with performance testing of VDI infrastructure with and without vendor storage optimization solution.

Request

Virtual Desktop Infrastructure

Enterprises are increasingly adopting virtual desktop infrastructures (VDIs) to extend the benefits of virtualization from servers to user desktops. Calsoft helps customers implement VDI solutions and resolve the associated challenge of understanding licensing requirements for the performance of a wide area network.
Learn More

Virtual Machine Archival APIs

Virtual machine sprawl results from persistent deployment and growth of virtual machines, some of which sit unused long after their useful lives. Virtual machine archival enablement is hence an opportunity to save the wastage of top-dollar primary storage. Calsoft assists server virtualization vendors as well as data protection vendors in enabling standardization of APIs for virtual machine archival.

Learn More

Calsoft helped the customer with backup & restore capabilities through VM LabManager; developed backup of virtual machine library configurations; and more.

SEE OUR BEST WORK

VMware VAAI Block Certification for TrueNAS Storage

Calsoft carried out certification testing of the customer's iSCSI block storage product- "TrueNAS" for its VAAI compatibility.

VMware APIs

vStorage API for Array Integration (VAAI) is developed to address the challenges faced during the expansion in the number of virtual machines (VMs). Calsoft has developed a VAAI test framework especially for storage vendors looking to validate their VAAI implementation in a timely and cost-effective fashion and assists vendors with its VAAI-based integration expertise.

Learn More

VMware EVO: RAIL

EVO: RAIL represents a new range of Hyper-Converged Infrastructure (HCI) offerings from VMware. This is different from converged architectures (vBlock/Flexpod) as there isn't a storage array involved, instead, there is VMware Virtual SAN. Calsoft assists vendors in adopting these new range HCI offerings from VMware.

Learn More

VMware VIO NFV Platform Deployment Automation

Calsoft automated the deployment of VMWare VIO and other relevant VMware components like ESXi, VCSA, PSC, vSAN, and NSX for the customer's NFV platform.

Request

SEE OUR BEST WORK

vRealize Orchestration Plugin Development

Calsoft developed a vRO plugin for the customer's SAN Storage Array with workflows related to Storage Discovery and Login, Creation of Initiator and Initiator Groups, Storage Provisioning, & Creation of DataStore.

VMware Orchestrator Plugin

VMware vCenter Orchestrator is a development and process-automation engine that provides a library of extensible workflows to manage VMware, vSphere, and other third-party technologies. Calsoft's VCO plugin solution assists vendors in orchestrating their customers' storage and virtualization infrastructure and reducing costs, errors, and the time spent.

Learn More

VMware Storage Certification

To leverage the flexibility, cost efficiency, and high availability of VMware Infrastructure, ISVs need to certify their products. Calsoft assists vendors looking for VMware storage certification to qualify their products for hardware compatibility with VMware infrastructure.

Learn More

VMware VAAI Block Certification for TrueNAS Storage

Calsoft carried out certification testing of the customer's iSCSI block storage product-"TrueNAS" for its VAAI compatibility.

SEE OUR BEST WORK

VxBlock Configuration Automation

Calsoft helped the customer configure and monitor physical and virtual converged infrastructure in the VMWare ecosystem, using vRO workflows of vCenter.

VMware vCenter Operations Manager

VMware vCenter Operations Manager (VCOPS) provides comprehensive visibility and insights into the performance, capacity, and health of your infrastructure. Calsoft helps ISVs integrate their virtual environments with VCOPS via VCOPS External Adaptor and VCOPS Embedded Adaptor.

Learn More

vSphere5

Calsoft helps ISVs with integrating their storage systems (arrays) and storage software with the VMware vSphere ecosystem. Our niche expertise in vSphere 5.0 enables the revamping of storage products.
Learn More

vCenter Plug-in Development

Calsoft helped the customer with plugin integration into the vSphere Web Client to monitor day-to-day management of large virtual environments within the vCenter.

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Related Resources

PODCAST

CI-CD Evolution: Jenkins to Jenkinsfile to Jenkins X

Continuous integration and deployment is an automation process that allows changes made to get deployed and reflect instantly. Though there are many CI CD tools like Travis, Bamboo, Gitlab, this podcast will entail a deep dive into Jenkins as the tool is very popular currently.

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Webinar on ServiceMesh Architecture

The webinar presentation focused on the background of service mesh, its working, security aspects, functionalities, business cases, and a demo. Request webinar recording here.

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7 Useful ServiceNow Integrations

Nearly for all the companies adopting ServiceNow, it integrates well with their products and their third-party applications. ServiceNow has created its position as one of the best platforms and

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Microservices: Software Architecture for Faster Time to Market and Advanced Delivery of Services

To highlight the potential of microservices to disrupt the competitive growth of every businesses and help understand the key technical specification, we have constructed this ebook. In this ebook we will cover: Microservices Basics, Features, Characteristics, Architecture Business Benefits, Best Practices, Frameworks for building Microservices, Case Studies, Alignment with DevOps and Containers

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Digital Disruptions with Cloud Native Development

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Cloud Engineering Solutions

Calsoft leverages its 25 years of product engineering expertise and extensive domain experience to transform business operations through innovative cloud solutions. We ensure seamless connectivity, real-time analytics, and optimized operations, ensuring enhanced productivity and faster results.

Our comprehensive services include cloud architecture, DevOps, network engineering, and security, all designed to deliver scalable, secure, and efficient cloud-based applications. At Calsoft, we drive cloud transformations that multiply your business growth and ensure your products are cloud-ready.

Enabling Businesses Adopt Cloud-First Approach with Our Established Cloud & Infrastructure Practices

Private Cloud

Private cloud enables enterprise-grade single-tenant cloud computing exclusively to your organization. Our IT and cloud experts assist in enabling a private cloud model-based IT infrastructure with an add-on of data recovery and backup solutions.

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Public Cloud

The public cloud is an array of computing services that are offered by platforms such as Amazon Web Services (AWS), Microsoft Azure, and Google

Cloud. We help with cloud enablement for your enterprise and ensure the security of your cloud stack.

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Cloud Native Development

Develop robust cloud-native applications with strong compute, storage, connectivity, and new-age capabilities. We support our customers with Microservices Implementations, Containerization, Service Mesh Implementation, Serverless Applications, and more.

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CloudOps

Leverage our operational procedures to optimize the usage of IT services within the cloud environment. Our offerings include Cloud Monitoring & Management, DevOps, Cloud Security, Backup, Recovery, HA, & DR Configurations, Cloud Service Brokerage, and more.

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Cloud Security

Keep in check the security of your data, infrastructures, and applications associated with cloud computing. Our cloud security services help enterprises in addressing compliance concerns that delay or minimize the migration of sensitive assets into private, public, and hybrid clouds.

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Telco Cloud

We help our telecom customers leverage the power of cloud with our offerings such as Network Cloud Development & Deployment, Edge Cloud, and 5G Cloud, which include SD-WAN services; Edge Cloud Development & Deployment; Service Mesh Implementations; Hybrid Security Management; AI/ML, Analytics, and more.

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Industry Coverage

ISVS

Cloudification & Virtualization Solutions, Data Management & Analytics, Technology Consultancy, and more

DATA CENTERS

Infrastructure Management, Monitoring & Compliance, Microservices Deployment, ServiceNow Operations, and more

NETWORKING & TELECOM

Cloud Migration, Cloud Native Development, Multicloud Management, SaaS Engineering, and more

RETAIL

Workload Migration & Management, Cloud Native Development, CloudOps Monitoring & Management, Hybrid Cloud Solution, and more.

Service Coverage

PRODUCT ENGINEERING

Product Innovation, Customization & Migration, Ecosystem Integration, ServiceNow Plugin Development, and more

DIGITAL

Cloud Migration, CloudOps, Cloud Native Development, Data Center Modernization, Data Management & Analytics, and more

SUSTAINING & SUPPORT

Product Reengineering, Feature Enhancements, Ecosystem Integration, NOC Support, Hot Fixes, and more

UI/UX ENGINEERING

UI Modernization, Front-end & Mobile Development, Feature, Functionality & User Testing, and more

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Private Cloud

Enterprises that require full control and isolation for their cloud computing leverage private cloud solutions. These enterprise-grade single-tenant cloud computing solutions are available on-premise or hosted and remotely managed by an external provider exclusive to the user enterprise.
At Calsoft, we help our customers with private cloud enablement, cloud migration, platform integration, cloud security, cloud operations, SaaS & PaaS enablement, data analytics, and many more. Get experts hand to improve scalability, security, and mobility of your dedicated private cloud for better flexibility, performance, and end-user experience.

Cloud Migration Services

Migrate your assets to the cloud, while mitigating risks and easing complexities. We assist our customers with Infrastructure, Application & Data Migration, and Containerization, including Microservices Implementation, VMs to Containers Transition, Container Security, Orchestration & Service Chaining, Container Monitoring, and more.

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Private to Public Cloud Migration

Calsoft was engaged with the customer for development of vCenter Plugin for private to public cloud migration.

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Integration with OpenStack – Ceilometer to gather telemetric data

Calsoft provided a solution for collecting telemetric data for KVM hosts and instances running in an OpenStack environment.

Cloud Platform Services(PAAS)

We support our customers' ever-evolving business needs with our offerings that include Platform as a Service; Platform Integration; Serverless Computing; and HPC. We also have a deep level of expertise in Kubernetes, deployments on leading cloud platforms, serverless modeling, and more.

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Cloud Engineering & SaaSification

Our deep expertise in Cloud technologies enables us to offer cutting-edge SaaS Engineering and Cloud Native Development services. These include SaaS Enablement, SaaS Ops Support, Mobile Enablement, UX/UI, AI-driven Testing, Microservices & Service Mesh Implementations, Containerization, Serverless Applications, and more.

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Data Management & Analytics on Cloud

Put your data to work for you with our smart offerings such as Smart Analytics, AI/ML Solutions, DataOps Management, and Cloud Data protection, which cover a gamut of services such as Data Warehouse/Data Lake Modernization; Fraud & Compliance Management; IoT; Data Operations Management; Retention & Recovery Planning; and more.

To know more about how we can align our expertise to your requirements, reach out to us.

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Cloud Migration

The first step towards taking your workloads to the cloud is migration. The best way to start the migration journey is by choosing the right deployment model that aligns with your cloud strategy and overall requirements. This is essential to make sure that any data migration is both smooth and successful and delivers business value in terms of performance, security, and ROI.

So, have you decided to migrate your workloads to the cloud?

This process becomes a bit challenging, particularly when it comes to the migration of your business-critical applications. Calsoft eases the migration process by assisting you throughout the migration journey. Right from need assessment to cloud selection & management to testing and evaluation of the outcomes.

Calsoft has a track record of solving complex migrations, mitigating risks, easing complexities, automating, and implementing an optimally quick migration.

Infrastructure Migration

Experience more agility, security, and efficiency by taking your computing, storage, and networking to the cloud with us. Our offerings include assessment of the existing infrastructure, migration services, and optimization of the existing setup.

vCenter Plug-in Upgrade to Flex based interface

Calsoft helped the customer with VMware Certification Testing for Unified Storage Appliance to resolve issues faced due to changes made by VMware in ESXi 5 while certifying their products.

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SEE OUR BEST WORK

CI-CD using Jenkins pipeline

Calsoft helped a virtualization product company manage their build and release of the product by maintaining complex build setup with 100 odd git repositories via Jenkins (CI).

Request

Application Migration

Migrate your business-critical application to the cloud seamlessly with our cloud application migration services. Modernize and re-engineer your applications while you accelerate their migration to the cloud using proven frameworks with us.

Data Migration

Take your data onto the cloud with our data migration services securely and with minimum business impact. Make data-driven decisions and gain intelligent business insights.

Cloud Gateway to S3 and Azure

Calsoft implemented a cloud gateway to migrate data from traditional storage to cloud seamlessly by integrating with iSCSI target on the premises side.

Request

Microservices architecture for Identity Management application

Calsoft helped convert the monolithic architecture of an identity service management product to microservices-based architecture to achieve more scalability.

Request

Containerization

Extend your legacy data centers into new container ecosystems, armed with the necessary tools to manage the platform. Our offerings include Microservices Implementation, VM to Containers Transition, Container Security, Orchestration & Service Chaining, Container Monitoring, and more.

Key Highlights

Datacenter Migration and Consolidation

Calsoft was engaged with the client for P2V2C migration. Key hurdles were large data (64TB), scattered over multiple servers and complex dependency between applications and with legacy storage infrastructure.

- Migration of 900 physical servers running approx. 20 live business applications to a completely virtualized infrastructure
- Limited downtime window (SAT 6AM till SUN 6AM)

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Cloud Engineering & Saasification

ISVs selling legacy applications and software must stay abreast of the transforming business models. To stand in the competition with maximum business value, one needs to look around for the latest technologies that could dramatically bring more revenue with a better customer experience.

Calsoft's comprehensive and secured cloud solutions are the best fit for companies seeking cloudification for the existing business or to innovate. We also help ISVs devise SaaS strategies with our rich experience in Virtualization. We also assist with complete Platform Management, Usability Testing, UI Development, User Experience Improvement, and more.

SaaS Engineering

Devise the finest SaaS strategies to transform legacy applications with Calsoft as the catalyst.

UCS OpenStack Installer UI

Calsoft provided a SAAS-based solution to deploy, install & monitor OpenStack services on the Client-UCS platform.

Request

Our Offerings:

SaaS Enablement

We help in the design, development, and deployment of the Software-as-a-Service model for ISVs and other software vendors.

SaaSOps Support

We support companies with management, governance, and security of their SaaSified software and applications.

Mobile Enablement

We deliver mobile-driven applications compatible with SaaS products for better flexibility, efficiency, and ROI.

UX/UI

We implement best practices and strategies in user research and UI development to make the SaaS products user-friendly and frictionless.

AI-driven Testing

We enable SaaS products with the power of AI-driven testing and automation. AI-driven visual testing is proving to be a time-saver and efficiency booster.

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Business leaders are in a tough spot to roll out products in a timely fashion with high quality or risk losing market share. Technology ever changing has simultaneously enforced a change in product development methods.

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BLOG

Distributed Application Architecture for Edge-Based Service Delivery

This article is originally published on TheNewStack. We are re-publishing it here. Software-based services delivered to endpoints are composed of different sub-application components. Currently, any such services are using typical…

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To highlight the potential of microservices to disrupt the competitive growth of every businesses and help understand the key technical specification, we have constructed this ebook. In this ebook we will cover: Microservices Basics, Features, Characteristics, and the Microservice Architecture's Business Benefits.

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Why Containerize Traditional Application

This document features the evolution, trends, benefits, and drawbacks of using Container technology and explains why we need to modernize traditional applications with the help of this technology.

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Cloud Platform Services

It is often difficult to choose the best fit cloud solution from a pool of cloud platforms and service providers. Moreover, the rising trend to use minimal infrastructure for reducing the IT footprint has compelled organizations to adopt optimal cloud and virtualization solutions.

Calsoft, with its rich experience in Cloud and Virtualization, eases the process of cloud adoption by assisting in cloud migration, integration, and management. Our customers rely on us for efficient cloud platform services, which help them with better productivity, efficiency, and ROI.

Platform-as-a-Service (PaaS)

Migrate to a flexible and secure model to build and operate cloud-based applications. We offer:

- Kubernetes Expertise
- Cloud Provider's GCP, OpenShift, Azure, AWS Elastic, OCP

Deployment of Microservices security platform on AWS

Calsoft built an automation solution to deploy the customer's microservices security platform in the Kubernetes cluster on Microsoft Azure.

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SEE OUR BEST WORK

Integration with OpenStack – Ceilometer to gather telemetric data

Calsoft provided a solution for collecting telemetric data for KVM hosts and instances running in an OpenStack environment.

Platform Integration

Include the benefits of a multi-platform approach with Calsoft's platform integration services. Our offerings include:

- Cross-platform Collaboration
- Simplified Connectivity between Cloud & Application

Serverless Computing

Capitalize on the improved scalability, reduced cost, and the flexibility of using serverless computing over traditional cloud-based architecture. Our offerings include:

- Deployment, Update, and Auto-scaling
- Serverless Modelling

HPC

We empower businesses with complex computing and data processing capabilities that deliver an enhanced performance. Our offerings cover:

- Consumption-based Pricing
- Hybrid Data Center

Key Highlights

VMware VIO NFV Infrastructure Deployment Automation

Calsoft was engaged to automate the deployment of VMWare VIO and other relevant VMware components, like ESXi, VCSA, PSC, vSAN and NSX for NFV platform.

- Automate Deployment of VMWare VIO and other Relevant VMware components like ESXi, VCSA, PSC, vSAN and NSX for NFV platform
- Create a build guide compliant to NFV MANO architecture
- The Deployment automation should be done on customer's bare metal hardware
- Provide a framework to orchestrate the entire deployment

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Data Management & Analytics Services

Fully Managed Cloud-based Data Management & Analytics

In this connected world, the Cloud has a prime role to play. The increased proliferation of cloud-based systems and solutions is generating massive amounts of data. With the use of heterogeneous systems, complexities in the data are increasing, which calls for efficient data management. And, to make sense out of the generated data, companies need a smart analytics process.

We help our customers in their data journey by extracting insightful details out of the data generated. Our technology experts specializing in Data Science, IoT, and Machine Learning assist companies with resourceful data management and analytics.

Smart Analytics

Get actionable insights to drive crucial business decisions without increasing the complexities in the analytics. Our offerings cover:

- Datawarehouse Modernization
- Data Lake Modernization

AI/ML Solutions

We empower data scientists with the strength of Machine Learning to distribute data and manage it effectively. Our offerings include:

- Natural Language Processing
- Robotic Process Automation

- Fraud & Compliance Management
- Prediction & Prescription
- IoT
- POC Development
- Business Intelligence Maturity Assessment

DataOps Management

Tackle data complexities and heterogeneity with professional guidance from Calsoft's DataOps management experts. Our offerings encompass:

- Data Architecture Management
- Data Development
- Data Security Management
- Data Quality Management
- Data Operations Management

Cloud Data Protection

Secure data and applications running through multiple platforms with our Cloud Data Protection Services. Our offerings include:

- Retention & Recovery Planning
- Define and Implement Protection Policies
- Snapshot Catalog
- Reporting

Success Stories

Our innovative approaches in new-age technologies enable us to fulfill our customers' unique requirements and keep them ahead of their competition. See some of our best work in this area.

View More

Contact Us

For a free consultation with our experts, share your contact details for a call back request. You can also dial the below numbers to reach out to us:
+1 (408) 834 7086 (US)

+91 (20) 6654 4444 (INDIA)

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Public Cloud

The public cloud is a popular and favorite among enterprises of all sizes alike. It's a flexible and cost-effective cloud model where IT services are delivered across the internet enabling cost agility, affordability, and high scalability.

At Calsoft, we help our customers to secure their sensitive assets on the cloud by enabling a secured environment for IT services. Our cloud experts assist in enabling a safe to use and customized cloud solution while also getting complete visibility into the usage and operations.

Cloud Migration Services

Migrate your assets to the cloud, while mitigating risks and easing complexities. We assist our customers with Infrastructure, Application & Data Migration, and Containerization, including Microservices Implementation, VMs to Containers Transition, Container Security, Orchestration & Service Chaining, Container Monitoring, and more.

Private to Public Cloud Migration

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Cloud Engineering & Saasification

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Data Management & Analytics on Cloud

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Hybrid & Multi-cloud Managed Services

Get unconditional cloud services from the best of both worlds. Our cloud experts help in enabling seamless operations over hybrid or multi-cloud environments to provide better flexibility and efficiency.

To know more about how we can align our expertise to your requirements, reach out to us.

Key Highlights

Cloud Migration/Cloning Testing

Calsoft was engaged with the customer for cloud migration/cloning testing.

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Hybrid Cloud

Hybrid cloud infrastructure solutions delivered as-a-Service

Cloud infrastructure is becoming essential for the increasing complexities in workloads.

On top of challenges related to cloud adoptions, some industries are facing roadblocks such as data security, high latencies, and more. To overcome and address such issues, businesses are looking to adopt a hybrid cloud approach.

Our hybrid cloud capabilities help you optimize the cloud within your business framework. We blend the best of public cloud, private cloud, and multi-cloud strategies, optimized to scale at your pace.

Cloud Migration

Explore how your business can move to the cloud. We help migrate your workloads, products, and applications across leading cloud providers such as Azure, AWS, and Google.

Private to Public Cloud Migration

The customer develops cloud infrastructure technology, including a real-time cloud bursting system. Calsoft was engaged with the customer for development of vCenter Plugin for private to public cloud migration.

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FinTech Application Modernization

Calsoft was engaged with the client in FinTech domain to transform their legacy applications. They wished to use microservices-based architecture to efficiently utilize their datacenter infrastructure and reduce CAPEX/OPEX.

Request

Application Containerization

Modernize your applications, products, and services by moving them into containers to build a stable, secure, flexible, and scalable infrastructure supporting your hybrid cloud. With our containerization services, your apps gain better portability, improved workload automation, and a cloud native-ready development.

Cloud Cost Optimization

Regain control of your cloud spending by avoiding egress fees for data movement. We optimize your cloud costs through multiple stages of discovery, invoice consolidation, chargeback, and analytics.

Feature Enhancement and OS Platform Maintenance of Cloud Storage Linux product

Calsoft was working as an their extended engineering team to support/maintain Linux side of hybrid cloud storage product.

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SEE OUR BEST WORK

Enterprise Hybrid Cloud Automation

Calsoft was engaged by the client to assist them in the Enterprise Hybrid Cloud (EHC) Factory Installation process.

Request

Cloud Automation with AI

Leverage Infrastructure as code, AI, and modern automation concepts across all layers of your cloud technology stack. We help optimize hybrid cloud environments for the fastest and top-notch deployments.

Hybrid Cloud Infrastructure Setup

Hybrid cloud infrastructure requires a deep understanding of various aspects of software and hardware engineering along with cloud expertise. Calsoft with more than 2 decades of experience in those areas can use that expertise to implement hybrid cloud setup using any hybrid/multi−cloud management platform like Vmware Tanzu and Google Anthos.

Enterprise Hybrid Cloud Deploy-Install-Configure Automation

Calsoft was working as an their extended engineering team to support/maintain Linux side of hybrid cloud storage product.

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Cloud Native

An enterprise has a plethora of in-house and third-party applications that usually run on-premise. Enterprises are re-engineering their legacy applications by adopting cloud-native architecture. Cloud-native technologies help develop applications packaged in containers that are deployed as microservices and manage infrastructure through agile DevOps processes and continuous delivery workflows.

Businesses can leverage cloud-native architectures to shape their future while staying relevant in a quickly changing industry and increasing customer demands. We combine our rich domain experience in Compute, Storage, Networking, and emerging technologies like AI/ML to help our customers create robust cloud-native applications.

Containerization

Containerization is the way to go for faster and secure development and deployment of applications. Containerized applications are also easy to scale and highly portable. Calsoft enables product companies to develop secure solutions that extend customers' legacy applications into new container ecosystems, while empowering them with the necessary tools to manage the platform.

Microservices architecture for Identity Management application

Calsoft worked on converting the monolithic architecture of an identity service management product to microservices-based architecture to achieve more scalability.

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SEE OUR BEST WORK

Development of Cloud-based SDP Product

Calsoft collaborated as an engineering development partner for developing end-to-end on-premises Central Security Engine to manage the large scale anti-virus agents in the customer's network.

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Microservices Implementation

Microservices implementations help developers focus on the core business logic instead of rumbling around the cycle of application development. This complex model of microservices needs support for orchestration, container management, and container security. We assist customers with Microservices implementation, container orchestration in a dockerized environment using Kubernetes, messaging, monitoring clusters, framework development, and more.

Service Mesh Implementation

Service mesh enables changes to service operations by creating an image of a container without changing the actual code. For microservices implementation over extended periods, developers may face issues in managing the services overload and service-to-service communication. But in the case of service mesh, the developers can focus on innovation and value addition. Service mesh implementation can be a daunting task and Calsoft helps in reducing this effort by assisting in faster deployment.

- Deployment, Update, and Auto-scaling
- Serverless Modelling

Vcenter Plug-In Upgrade to Flex-Based Interface

Calsoft upgraded the vCenter plugin to Flex-based interface to support both the new VMware vSphere Web Client (VWC) deployment architecture for the customer's vCenter Server plugin, and the new Flex-based VWC user interface while keeping the backend technology stack intact.

Serverless Application

Serverless computing enables developers to build applications faster and without the need to manage infrastructure. Calsoft enables organizations with efficient development and deployment of serverless applications, simplifying the process of code deployment, scalability, and maintenance operations, regardless of the type of server being provisioned.

- Consumption-based Pricing
- Hybrid Data Center

Key Highlights

Containerized Application Code Security

With the evolution of cloud-native application deployment into containers, security of the entire software stack running inside the container has become tremendously important. Calsoft performed analysis and scanning of the customer's containerized application software for vulnerability assessment and security checks at the source-code level.

Benefits:

- Vulnerability assessment and scanning enabled the customer to perform a security audit of the containerized apps.
- Scanned images were deployed in all the customer projects involving container technology.

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CloudOps

We are operating in a Digitalized world where time is the true currency. For businesses that wish to stay ahead of the competition, any downtime would prove to be extremely costly. In fact, a study by the Ponemon Institute found that the average cost of data center downtime across industries rose from approximately $5,600 per minute in 2010 to $7,900 per minute in 2020 – a dramatic 41% increase! However, there's more to it than just a loss of revenue. We are looking at companies being overtaken by their competitors and even loss of reputation due to disruption of services. Calsoft offers end-to-end CloudOps services to help ensure your business is always powered on to take on the next challenge.

Cloud Monitoring Solution

Calsoft helped the customer develop a multi-tenant cloud infrastructure monitoring solution, including analysis of SaaS-based monitoring solutions.

Cloud Monitoring & Management

We assist our customers in evaluating, monitoring, and managing their cloud-based applications, services, and infrastructure. Our offerings include:
- Platform Enablement
- Public Cloud Monitoring
- Multi-cloud monitoring
- Complete Hybrid IT Monitoring

DevOps

We envisage and execute a product strategy that aligns with the target market segment with our offerings that include:
- DevSecOps
- Day 0 – Day 1 Automation
- DevOps Services

DevOps for Networking – Ansible Installer for SDN product

Calsoft developed a QuickStart installer for an SDN product with OpenStack Liberty, which can be used to deploy the solution on a single node for product evaluation purposes.

Monitoring as a Service Solution

Calsoft helped the customer re-design an on-premises infrastructure monitoring solution to a SaaS-based Monitoring-as-a-Service solution deployed in the cloud

Cloud Security

We help our customers to address compliance concerns that delay or minimize the migration of sensitive assets into private, public, and hybrid clouds. Our offerings include:

- Endpoint Security
- Perimeter Security
- Identity/Access Management
- Cloud Access Security Broker
- Secure Web Gateway
- Security Incident/Event Management

Deploy Backup server to Azure market place

Calsoft helped the customer by enhancing the backup server for easy deployment in the Azure market place.

Backup & Recovery, HA/DR Configurations

Our High Availability & Disaster Recovery offerings help keep your data secure and backed-up, even in critical situations. Our solution accelerators – Office

365 Backup Solution & Windows CBT Framework – support customers with heightened data backup capabilities.

Cloud Service Brokerage

We help our customers manage the use, performance and delivery of cloud services and coordinate with cloud service providers. Our offerings include:

- Cloud Service Evaluation
- Skills & Knowledge Development
- Cloud Pricing Optimization
- Cloud Operation Simplification
- Risk Assessment
- Shadow IT Realignment

SEE OUR BEST WORK

Datacenter Migration and Consolidation OF COMPREHENSIVE CLOUD MANAGEMENT PLATFORM

Calsoft worked on P2V2C migration tackling key hurdles such as large data (64TB) scattered over multiple servers and complex dependency between applications and with legacy storage infrastructure.

Related Resources

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The webinar presentation focused on the background of service mesh, its working, security aspects, functionalities, business cases, and a demo.

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To highlight the potential of microservices to disrupt the competitive growth of every businesses and help understand the key technical specification, we have constructed this ebook. In this ebook we will cover: Microservices Basics, Features, Characteristics, and the Microservice Architecture's Business Benefits.

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HAWKEYE

Why Containerize Traditional Application

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Cloud Security

Workloads are rapidly moving to the cloud and increasing data opens doors to increased security threats. To protect the applications, data, services, and infrastructure associated with a cloud, adherence to certain policies, regulations, and control measures is required. Our Cloud Security services help enterprises in addressing compliance concerns that delay or minimize the migration of sensitive assets into private, public, and hybrid clouds.

Endpoint & Perimeter Security

The best way to secure network, data, and, the entire system is to secure the perimeter and endpoints. Our security solutions ensure endpoint protection and help in building self-contained fortifications that secure the entire cloud infrastructure.

End-point Security Agent for Solaris and AIX

Calsoft developed an endpoint security agent on Solaris and AIX to collect telemetry and program the native stateful firewall in the host.

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SEE OUR BEST WORK

Monitoring as a Service Solution

Calsoft helped the customer re-design an on-premises infrastructure monitoring solution to a SaaS-based Monitoring-as-a-Service solution deployed in the cloud.

Identity/Access Management

Sometimes, an organization's assets can be compromised by an "insider" – such as employees, former employees, contractors or business associates, who have access to critical information. Our IT security and data management experts help companies build an Identity Management System to ensure the right people have the right access to the resources in the company, and at the right time.

Cloud Access Security Broker

We support our customers in developing a cloud-based software system that acts as a cloud access security broker. It enforces security policies and monitors all activities between cloud services users and cloud applications.

SEE OUR BEST WORK

Cloud Gateway to S3 and Azure

Calsoft implemented a cloud gateway to migrate data from traditional storage to cloud seamlessly by integrating with the iSCSI target on the premises side.

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Secure Web Gateway

Our security experts help in developing a cloud-based network security solution that acts as a secure web gateway between users and the Internet for complete network protection. It enforces company security policies and filters malicious Internet traffic in real time, keeping your cloud assets safe.

Security Incident and Event Management (SIEM)

When a security incident occurs, prioritizing the response correctly becomes imperative, depending on the degree of urgency and the implications. We help in building SIEM solutions to provide real-time analysis of security alerts and help with timely actions against the incidents.

ServiceNow – Incident Management

Calsoft helped the customer develop and enhance ServiceNow Incident Management Module, where a plug-in enabled the end user to raise requests to minimize the negative impact of service disruption on business operations and restore normal service operations as quickly as possible.

SEE OUR BEST WORK

Integration of Software-Defined Storage for Data Protection Software

Calsoft was engaged to integrate client's Software Defined Storage (SDS) with their Data Protection Software.

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Cloud Data Protection

Ensure data protection and security in a cloud environment with Calsoft's cloud data protection support and services. We help companies secure their cloud endpoints, get complete visibility into their cloud data ecosystem, and leverage intelligence for ensuring cloud data protection.

Development Of Microservices Application For Stress Testing Of Security Platform

Calsoft was engaged with the client to develop microservices application for stress testing their Security platform. The engagement included:

- Development of microservices application
- Complete feature verification of the customer platform.
- Deploy microservices application and run load, stress tests.

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Telco Cloud

The much-awaited advent of 5G is promising users with new-age dynamic services, low latency, and high-bandwidth networks. This demands the transition of Telecom network providers from their existing hardware-centric networks to those driven by software-enabled technologies like NFV and SDN. To ease this complex transition, we help service providers with our niche expertise in taking networks digital and prepping them for the competitive times ahead.

Network Cloud Development & Deployment

We assist our customers in streamlining their network operations, enabling innovation, and driving growth & improved service profitability with our offerings that include:

NFV Infrastructure Deployment Automation

Calsoft helped a leading technology company by automating the deployment of VMware vCloud Infrastructure Platform for NFV.

Request

Our offerings include:

NFV-related Services

VNF Development & Lifecycle Management

SDN Controller Design & Development

SD-WAN Services

Edge Cloud

Through our Edge Cloud services, we deliver clear & tangible benefits in terms of superior network performance, real-time analytics, flexible deployment, and process automation. We leverage our expertise in open-source frameworks such as Akraino, EdgeXFoundry, Zadeda, StarlingX to support our customers with:

Edge Cloud Development

Edge Cloud Deployment & Orchestration

Edge Cloud Infrastructure Monitoring

SEE OUR BEST WORK

Network Edge – Ironic BareMetal Management using DRAC and Redfish driver

Calsoft helped the customer add support for Dell hardware in OpenStack Ironic and dracclient.

5G Cloud

We assist our customers in scaling, automating, simplifying, and securing their cloud & network operations with our 5G Cloud offerings, which include:

Testing High End NAS Server

Calsoft assisted the customer in the gap analysis of their existing test approach and augmented their NAS testing to the next level.

Our offerings include:

Workloads/
Infrastructure Automation

Airship-related Services

Service Mesh Implementation & Traffic Management

Workloads/
Infrastructure Automation

Airship-related Services

Service Mesh Implementation & Traffic Management

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Product Development the Behavior Driven Way

Business leaders are in a tough spot to roll out products in a timely fashion with high quality or risk losing market share. Technology ever changing has simultaneously enforced a change in product development methods.

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Best-in-class Security Solutions

We assist our customers in managing and protecting their data throughout the data lifecycle—data creation, data at rest, data in motion, data in use, and data destruction. Our data security solutions assist in creating a roadmap to achieve maximum protection against data breaches and other malicious activities.

Security Services

Network Security

We assist ISVs in injecting security at each stage of the product engineering life cycle and infrastructure layers (from firmware to software).

Read More

End-point Security

Our Endpoint Security services help organizations in minimizing risk through the secure design, implementation, transformation, and management of compliant, policy-aligned automated services.

Read More

Data Protection & Privacy

Data classification, policy enforcement, guaranteeing integrity, providing access control, and audit for your sensitive data. For an additional layer of data security, we also offer robust identity and access management.

Read More

Cyber Security

Our specialist security consultants help customers with not just evaluating 'detect & respond' capabilities for their technologies, people, and processes, but also AI/ML-based cybersecurity prevention solutions.

Read More

Container Security

We offer 360-degree expertise to safeguard your containerized environment and the communication between containers and the orchestration platform.

Read More

Business Continuity Solutions

We assist our customers in safeguarding their business continuity plan to ensure continuous operations and availability. Our Disaster Recovery solutions help in recovering lost data in case of any calamity.

Read More

Cloud Security

Our Cloud Security services help enterprises in addressing compliance concerns that delay or minimize the migration of sensitive assets into private, public, and hybrid clouds.

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ServiceNow Security Operations

Seamlessly integrate the ServiceNow security platform with your software and applications with our ServiceNow plugins. This platform helps in replacing time-consuming manual tasks with automated security orchestration.

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Industry Coverage

ISVS

Security Monitoring & Response, Access Management, Threat Intelligence, Infrastructure Security Management, Enterprise Application Security, and more

DATA CENTERS

Server Security, Network Security, Cloud & Virtualization Security, Code Security, and more

NETWORKING & TELECOM

Network & Endpoint Security, Data Protection, Cloud Security, and more

RETAIL

Cybersecurity, Network & Endpoint Security, Cloud Security, Identity & Access Management, and more

Service Coverage

PRODUCT ENGINEERING

Transformation & SI Services, Security Assurance & Assessment, Vulnerability Assessment & Penetration Testing, and more

SUSTAINING & SUPPORT

ServiceNow Security Platform Integration, SIEM, and more

UI/UX ENGINEERING

Modelling UI/UX principles around the customers' security requirements

Page Name:

Network Security

Network security is beyond firewalls and device security. It is a set of protocols, regulations, and configurations devised to secure the system's networks and data. Calsoft offers unified network security solutions using advanced software as well as hardware technologies to protect the network integrity and data confidentiality of your systems.

QA & Test Automation

We ensure the quality of the application by validating its functionality and checking if it meets the customer's requirements. We error-proof the system by checking for potential risks and vulnerabilities. Our testing experts use best practices and technologies to implement end-to-end testing.

QA Automation for Network Security product

Calsoft helped a Network Security vendor to automate the Functional & Non-Functional testing of their product portfolio.

Request

SEE OUR BEST WORK

Deployment of Microservices security platform on Azure

Calsoft built an automation solution to deploy the customer's microservices security platform in the Kubernetes cluster on Microsoft Azure.

Development of Automation Framework

We help in creating automated test cases by developing an automation framework that accelerates the testing process. Our test engineers assist with the implementation of the test automation framework and its components such as tools & techniques, scripts, procedures, and more.

Customized Validation

We support our customers in developing targeted validation solutions that mimic the attacking case and allow the deployed security solutions to assess the associated risks. This approach helps in building a robust security solution.

Testing and Validation of WAN optimization tool

Calsoft helped the customer with testing and validating a WAN optimization tool that addressed the productivity challenges arising from the customer's untested product.

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SEE OUR BEST WORK

NFV: vRouter Integration with Openstack Tacker

Calsoft supported the customer with life cycle management of their virtual router OpenStack-Tacker.

Request

Cross-platform Integration

We ensure business integrity for our customers and provide the necessary solutions for cross-platform integration. Our integration experts help with cross-platform data, security, and technology integration for a unified experience and ease of operations.

Key Highlights

Development Of Microservices Application For Stress Testing Of Security Platform

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Endpoint Security

The best way to protect your network, data, and the entire system is to safeguard the endpoints. The endpoints are essentially devices that are logged in to an organization's network, which, if not protected, can become entry points to hackers and eventually lead to data breaches. Our endpoint security solutions ensure endpoint protection by a secure computer network that is remotely connected to end devices such as laptops, tablets, smartphones, and other devices.

Development & QA

Reliable and validated applications are essential in securing your network and crucial data. Our team of development and testing experts help in developing applications that are reliable and help build trustworthy relations with the end customers. We ensure the QA of the application for better performance, security, and integrity.

Endpoint Security Agent for Solaris And Aix

Calsoft developed an endpoint security agent on Solaris and AIX to collect telemetry and program the native stateful firewall in the host.

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SEE OUR BEST WORK

DMTF-SMASH conformance Dev & QA for Server Hardware vendor

Calsoft helped the customer with development & QA of their server's System Management API for conformance with SMASH standards.

Request

Design & Implementation

Our design experts assist companies in formulating the best designs and help with their implementation. We ensure the system design is aligned with the customers' requirements and adhere to best practices for compatibility with the latest technologies.

Endpoint Data Encryption

The most essential feature of endpoint data encryption is that it secures the entire system from getting corrupted. We help in the implementation of endpoint data encryption to prevent unauthorized users from accessing the data through endpoint devices.

SED Encryption Solution

The engagement underpinned: performing authentication of 100s self-encrypting drives automatically without user intervention; providing a secure solution for SED authentication at the enterprise level.

Request

SEE OUR BEST WORK

SED Encryption Solution

Calsoft engaged with the customer for SED Encryption Solution, performing authentication of 100s self encrypting drives automatically without user intervention.

Request

Secure Key Management

The role of an encryption key in endpoint security is to secure the system from data theft and exposure. Our encryption key management solutions offer end-to-end lifecycle management of the encryption keys, right from their generation to deletion.

Centralized Management & Monitoring

We offer a unified solution for network and data monitoring and management that ensures protection against data corruption and loss due to the intrusion of a less-trusted agent or host in the network.

Development and Testing System Center Virtual Machine Manager

Calsoft engaged with the customer for managing clustered network appliances from within SCVMM.

Request

SEE OUR BEST WORK

Policy Enforcement using Contiv for Docker Services

Calsoft is working on network policy enforcement in a multi-host docker environment. The docker environment is set up for running microservices.

Policy Orchestration for Product Development

The right time to implement security practices in the system is in its development phase. We ensure security policy orchestration in the endpoint network combining key elements such as automation, integration, and collaboration.

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Data Protection & Privacy

Protecting critical data continues to be a paramount issue for businesses and governments alike. In this age of Digital, the continuously evolving emphasis on data privacy and protection by businesses, regulators, and consumers is calling for innovation in technology and approaches that will provide an incremental level of data privacy and security.

Our Data Protection and Privacy services include classification of the data, policy enforcement, guaranteeing integrity, and providing access control and audit for the sensitive data and users. Prominent among these is identity and access management because any compromised user credential can open an opportunity for hackers and phishers to access sensitive data and assets.

Data Protection & Security

Our robust identity and access management services add an important layer of security over data through stringent and uniform access rules across the organization. We ensure the confidentiality, integrity, and availability of your data by protecting it against any unauthorized access.

OS Independent Unified Snapshot Solution Development

Calsoft developed an OS Independent/Unified Snapshot Solution, which included RAID configuration, helping the customer with quick application instance provisioning from the snapshots.

Request

Calsoft's iSCSI Protocol Conformance Test Suite

The engagement underpinned: ensuring robust target implementation; ensuring the target works with iSCSI initiators on different platforms.

Request

Compliance Assessment

We assist in identifying gaps between the existing control environment and the required one. The compliance risk assessment is implemented to identify potential risks in the system. We also help with compliance testing and the remediation process to ensure the integrity of your data.

Backup & Recovery

An essential part of any business continuity plan is a robust backup & recovery strategy. In case of uncertain events, companies need to protect their prime asset, which is data. We apply the latest backup & recovery techniques to ensure complete data protection.

Data protection of Microsoft Hyper-V platform

Calsoft assisted the customer in developing a plug-in for Windows Hyper-V using a web-based UI and a centralized way of configuring backup and restore policies for Hyper-V.

Request

SEE OUR BEST WORK

Cloud Disaster Recovery Solution

Calsoft engaged with the customer for developing Cloud Disaster Solution allowing end users to protect their private datacenters by replicating to cloud vendors.

Request

Disaster Recovery

We help in devising a reliable disaster recovery strategy, which is an essential part of any business plan. It enables companies to provide uninterrupted services and continue with their business-critical functions in case of any disastrous events or disruptions.

Cloud Data Protection

Ensure data protection and security in a cloud environment with Calsoft's cloud data protection support and services. We help companies secure their cloud endpoints, get complete visibility into their cloud data ecosystem, and leverage intelligence for ensuring cloud data protection.

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Cyber Security

Cyber attacks are often the result of improperly secured hardware, software, electronic data, or network. Having said that, every business is different when it comes to securing their digital assets. Calsoft's security specialist consultants help customers with not just evaluating 'detect and respond' capabilities for their technologies, people, and processes, but also AI/ML-based cybersecurity prevention solutions. We assess their security policies and infrastructure by running cyberattack simulations with a wide range of penetration tests to expose and eradicate vulnerabilities and provide a secure foundation for growth. Along with this, our AI/ML-based security solutions help in analyzing data to detect potential risks.

Risk Assessment

Before embarking on a solution, it is essential to calibrate the level of vulnerability in an organization's cyber defenses. We help customers identify the potential risk factors that can be hazardous to their systems and eventually address them after a detailed risk analysis.

SEE OUR BEST WORK

MONITORING AS A SERVICE SOLUTION

Calsoft helped the customer re-design an on-premises infrastructure monitoring solution to a SaaS-based Monitoring-as-a-Service solution deployed in the cloud.

Identity/Access Management

Sometimes, an organization's assets can be compromised by an "insider" – such as employees, former employees, contractors or business associates, who have access

to critical information. Our IT security and data management experts help companies build an Identity Management System to ensure the right people have the right access to the resources in the company, and at the right time.

Email Security & Phishing Training

IT Security breaches using email and phishing are becoming common. We help our customers devise email security & phishing trainings in the form of tutorials to control their employees' responses to such attacks.

SEE OUR BEST WORK

Sustenance of Cisco Invicta SAN Product

Calsoft was the only engineering team to provide development support (L3 support) for two All Flash Array products.

Threat Detection & Response

The most important part of an IT security strategy is threat detection and response. We help companies devise processes that quickly identify threats to the system and provide the most fitting response.

Vulnerability Management

Our security management specialists assist customers in identification, evaluation, and reporting of security vulnerabilities in the system, including associated hardware and software. This approach helps identify potential attack surfaces and fix them before they unleash any damage.

Containerized Application Code Security

Calsoft helped the customer by performing analysis and scanning of containerized application software for vulnerability assessment and security checks at the source-code level.

Monitor HA/DR capabilities for datacenters

Calsoft engaged with the customer for monitoring HA/DR capabilities for datacenters discovering physical and virtual servers in a datacenter in an agentless manner.

Request

Business Continuity Strategy

Business Continuity Management strategy is an essential aspect of business planning. We assist our customers in strategizing a relevant BCM plan that helps in preventing crisis, responding in case of a crisis, and recovery strategies in case of any disastrous events.

Key Highlights

Development Of Microservices Application For Stress Testing Of Security Platform

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Container Security

The increasing adoption of containerization technology has heightened the necessity of container security. Container security not only helps protect a container, but also safeguards the application that holds it, along with the infrastructure. Our end-to-end container security expertise helps you protect your containerized environment and the communication between containers and the orchestration platform.

Service Mesh Implementation

An opensource project, Service Mesh controls the way data is transferred in the application. Calsoft's containerization team helps with Service Mesh building and implementation on the infrastructure layer of the application.

Kubernetes Hardening

Kubernetes, a widely used container orchestration platform, can provide a large attack surface if its cluster is not hardened. We help in Kubernetes hardening for simplified and secure container orchestration.

Container Runtime Protection

Our container security specialists assist in checking every activity in the container application – right from container and host activity analysis to monitoring the network connection protocols and payloads.

Containerized Application Code Security

Calsoft helped the customer by performing analysis and scanning of containerized application software for vulnerability assessment and security checks at the source-code level.

Request

Development of Central Security Engine of Central Security Engine

Calsoft engaged with the customer as their engineering development partner for developing end-to-end on-prem Central Security Engine to manage the large scale Anti-virus agents in the network.

Request

QA & CI/CD Security

Continuous testing has become a predominant part of the QA process in the SDLC. Continuous integration and continuous delivery being actively followed processes under DevOps, we help in continuous testing and CI/CD security to ensure the correctness and agility of the process.

Key Highlights

Azure Test Drive for Container Security Product

Request for success story

Calsoft was engaged with a client having Container Security product,

to create a Azure test-drive. The test-drive aimed as showcasing the

features and use-cases of their product in Microsoft Azure platform.

- Client was able to showcase its products, offerings and use-cases in Azure environment.
- This helped in increasing customer acceptance and awareness of their products

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Business Continuity Solutions

The phrase "A stitch in time saves nine" sums up Business Continuity Management strategy and its importance for organizations. BCM has become an essential aspect of business planning. Calsoft's BCM consultants assist customers in strategizing a relevant BCM plan that helps devise crisis prevention & crisis response measures, along with a focus on recovery in case of any unavoidable disastrous events.

Strategy & Plan Development

Leverage our rich experience to devise a robust business strategy and plan that helps keep track of the business goals, objectives, action plan, achievements, errors, contingencies, and other parameters.

Monitor HA/DR capabilities for datacenters

Calsoft engaged with the customer for monitoring HA/DR capabilities for datacenters discovering physical and virtual servers in a datacenter in an agentless manner.

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Risk Assessment

Before embarking on a solution, it is essential to calibrate the level of vulnerability in an organization. We help customers identify the potential risk factors that can be hazardous to their systems and eventually address them after a detailed risk analysis.

Emergency Response

We ensure end-to-end disaster management solutions. This disaster management cycle involves an emergency response phase that requires a cyclical approach to continuously assess, plan, act, and review for the evolving needs.

SEE OUR BEST WORK

OpenStack Public Cloud

Calsoft collaborated with a leading cloud service providing firm for DRS and HA cluster, multi-hypervisor integration, multi-node setup, and integration with billing system.

Disaster Recovery

Disaster Recovery is concerned with the restoration of IT infrastructure and hardware in case of an unavoidable crisis. We assist in recovering the customer's data and other crucial assets in case of any disastrous events.

Crisis Management

In an unexpected event of a crisis, our crisis management solutions help companies deal with this disruption that can inflict harm to the business. Our approach involves preparing customers to coordinate response actions, speed up recovery, and maintain lines of communication when disaster strikes.

Key Highlights

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ServiceNow Security Operations

Seamless integration of the cloud-based ServiceNow security platform with third-party software and tools is possible. The ServiceNow security solution is a holistic approach and falls under the SOAR stack – Security, Orchestration, Automation, and Response. It collects data about security threats from multiple sources and automatically remediates low-level threats without human intervention. Calsoft assists its customers with the implementation of ServiceNow Security Operations

ServiceNow Plugin Development

The ServiceNow plugin provides various functionalities such as volume management, snapshot management, VM provisioning, VM actions, and more. Plugins provide extended functionality by adding approval management workflows, incident management, and notification.

ServiceNow Plugin Development for ITSM Capabilities

Calsoft assisted a Fortune-listed customer in developing a ServiceNow plugin for their platform, which adds ITSM capabilities.

Request

ServiceNow Integration Plugin

Calsoft was engaged by the customer for developing a ServiceNow integration plug-in for ITSM requirement.

Request

Configuration Compliance Management

Our ServiceNow experts assist with prioritizing configuration compliance issues using ServiceNow Configuration Management Database (CMDB) that helps in remediating non-compliant configurations. We also help our customers integrate configuration compliance with their IT change management process.

Detection & Response

We help in reducing the gap between threat detection and response effectively with ServiceNow Security Incident Response (SIR) that manages the life cycle of security incidents from initial analysis to containment, eradication, and recovery

Performance Analysis

We use ServiceNow Performance Analytics to create dashboards, reports or KPIs and metrics, and help in crucial decision making for improved quality and reduced cost of service delivery for our customers.

ServiceNow (ITSM) Plugin for Data Center Monitoring

Requirement was to develop ServiceNow plugin for client Administrator. Inventories are fetched from client Administrators database through REST API and pumping them in the ServiceNow Cloud platform in the CMDB_CI table. From fetched and stored Inventories, CI Relationships are created and Incidents/tickets are handled which are created against inventories.

Benefits:

- This integration offers data and features unavailable through other discovery methods.
- Agent-less automated service mapping
- Auto inventories CI relations on chassis
- Keep your CMDB up-to-date
- Auto Incidents creation based on serviceable events
- Incidents are managed at ServiceNow and same are updated at client Administrator.

Request for success story

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The webinar presentation focused on the background of service mesh, its working, security aspects, functionalities, business cases, and a demo. Request webinar recording here.

Request Recording

BLOG

What if you never invested in STaaS

Over the past few years, cloud storage has gone from a niche technology to one used by billions of people worldwide. But some businesses are still resisting the change. Storage…

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EBRIEF

NVMe: Optimizing Storage for Low Latency and High Throughput

Understand what is NVMe, how it works, features, market players, NVMe over Fabrics, and transport options.

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WHITEPAPER

Digital Disruptions with Cloud Native Development

This HawkEye covers, Why Cloud Native is So Important? Cloud Native Development: Current Market Dynamics, Cloud Native Adoption: Key Trends in 2022 ,The "Cloud-native Disruptive" Potential, Cloud Native Adoption: Challenges.

Download

Connector Factory

In a networking ecosystem, end-users tend to use a variety of toolkits and platforms. To share data accurately with these various tools, networking & security products need strong third-party integrations. With the Connector Factory model, we enable such integrations by using our Connector APIs and custom security plugins.

Calsoft's Connector Factory solutions ensure smooth third-party integrations for robust ecosystem security.

Connector Analysis

- Evaluating the performance of existing connectors integrated in the ecosystem
- Leveraging this analytical data for Threat Intelligence and Real-time Connector Visualization
- Inspecting multiple API endpoints and mapping their event responses to discover corelated relationships

Infrastructure, Licensing, Partnership and Procurement Planning

- Identifying the IT infrastructure enhancements based on connector requirements
- Developing a License Agreement for purchase requisition and third-party solicitation
- Initiating partnerships with third-party developers & support service providers
- Managing orders and evaluating multiple Procurement Contracts

Design and Requirement Templatization

- Studying the existing as well as the potential connector requirements
- Creating templates based on connector API requirements and security compliance updates
- Designing the template to outline a customized Connector Factory solution

Connector Maintenance

- Inspecting the health and performance of integrated connectors
- Ensuring reliable operations without additional costs on third-party maintenance
- Optimizing and standardizing the overall connector ecosystem based on the latest security protocols

EOL Support

- Providing support to End of Life (EOL), discontinued connectors and matured APIs
- Sustaining reputation and security compliance with extended EOL support services

Related Resources

PODCAST

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This podcast explains about how AI and storage are connected and in what ways AI is helping Storage solutions

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Page Name:

ServiceNow

ServiceNow is empowering businesses to drive growth, increase resilience, and enhance employee productivity with the Now platform. It helps organizations through their digital transformation journey by automating IT operations and providing easy-to-deploy pre-built models. Calsoft is an Implementation/Services Partner with ServiceNow and helps ServiceNow customers through various stages of their implementation cycle.

Implementation

We support our customers with block, fileshare, and object & unified storage such as Ceph.

ServiceNow ITSM Implementation

Calsoft engaged with the customer for improving the IT services management of an organization. This benefitted customer to align their IT processes and services with business objectives to help them grow with the help of ServiceNow ITSM.

Request

ServiceNow Integration for ITOM (IT Operations Management)

Calsoft developed a ServiceNow plugin for a company providing ITOM support. Benefits included agent-less automated service mapping, hardware and software life-cycle dataconnectivity, heuristics-based service and dependency mapping, and more.

Request

Integration and Automation

ServiceNow provides plugins that integrate ServiceNow with third-party applications/tools. These plugins provide various functionalities such as volume

management, snapshot management, VM provisioning, VM actions, and more. Plug-ins provide extended functionality by adding approval management workflows, incident management, and notification. Calsoft helps ServiceNow partners with customized plugin development and automation.

Security Operations

A seamless integration of the cloud-based ServiceNow security platform with third-party software and tools is possible. The ServiceNow security solution is a holistic approach and falls under the SOAR stack – Security, Orchestration, Automation, and Response. It collects data about security threats from multiple sources and automatically remediates low-level threats without human intervention.

ServiceNow Plug-in for Security Platform

Calsoft was engaged by an IT security company for developing a ServiceNow plug-in for their security platform.

Request

Platform-as-a-Service

ServiceNow's PaaS offering allows customers to build custom applications through various pre-built models such as development tools, security, integrations, UX, and intelligent orchestration. Calsoft assists ServiceNow customers in the process of adopting the ServiceNow platform for building these applications.

Asset Discovery & Inventory Management

The ServiceNow plugin for Data Center Asset Discovery & Inventory Management can be used to monitor the health, create a request on the discovered assets, and map the discovered inventory to CMDB. It can also be used to provide support for day-to-day operations such as VM on/off, reconcile resources, backup & recovery on the discovered inventory. Supporting CRUD operations on inventory resources, monitoring inventory health, and raising automatic incidents with email notification are also some of the actions that can be taken.

ServiceNow Discovery Implementation

Calsoft helped the customer to track the changes occurring within the customer's on-premise and cloud infrastructure in the Configuration Management Database (CMDB) using ServiceNow Discovery.

Request

To know more about how we can align our expertise to your requirements, reach out to us.

ServiceNow Certification

The ServiceNow platform allows you to develop custom plugins to meet your business needs. Calsoft's deep understanding of the ServiceNow ecosystem equips enterprises with certified plugin solutions. We help ISVs and system integrators in getting ServiceNow certification for the plugins developed. The ServiceNow plugin certification assures customers that third-party products are compatible with ServiceNow products.

ServiceNow Financial Operations

Calsoft can help you integrate your software solutions with ServiceNow to support functionalities such as complaint management, asset management, compliance management, and back-office solutions.

ServiceNow Plugin to Cater to Finance Workflows

Calsoft developed a ServiceNow plugin for the customer's requirements around finance workflows.

Request

Related Resources

BLOG

[Infoblog] Strengthen Security Operations with ServiceNow

Contact us to enhance your security & risk capabilities with ServiceNow plugins that fit your needs. The post [Infoblog] Strengthen Security Operations with ServiceNow appeared first on Storage, Networking, Virtualization,…

[Read More](#)

ServiceNow and Security Platform Integration

In this eBrief, we have discussed the capabilities of the ServiceNow platform for security integration and how security platforms can be configured with ServiceNow for this purpose.

[Download](#)

Can a ServiceNow Integration Gain You a Competitive Edge?

ServiceNow has extended from IT Service Management to Platform Integrations and more. Within no time, ServiceNow has gained market demand, credits to its integrated and secure offerings.

[Download](#)

Internet of Things (IoT) Services & Solutions

Calsoft develops enterprise-class, highly available, high-performance, secured, and intelligent systems to help our customers – large entities, mid-sized players, and startups – from the Manufacturing, Hi-tech, and Data Center spaces in their IoT adoption strategies.

Calsoft Offers Intelligent Frameworks and Digital Services to Deliver IoT-Powered Solutions

Development

Core components development for various platforms to meet customers' IoT requirements, also covering IoT application development for Android, iOS, and hybrid platforms.

Edge & Gateway Development

Building gateways ranging from enterprise-class distributed edge such as Akraino & EdgeXFoundry to consumer-class, microcontroller-based, purpose-built sensor concentrators.

IoT Sensor Communication

Working for better IoT connectivity with various sensors in Manufacturing, Home Networking, & Logistics spaces, with data protocol expertise in MQTT, AMQP, COAP, REST, MQPP, and OPC-UA.

Security Services

Security is a vital aspect of IoT. We support both OT/ IT security involving firmware updates, code review, vulnerability & penetration testing. As a services model, we also support monitoring and threat modelling as a consulting activity.

Manage Services

We provide 24X7 customer support (L1- L3) for device management monitoring, security, and application monitoring.

Industry Coverage

ISVS

Get smart insights to enable product usage analysis, improve services, reduce CAPEX & OPEX, and basically, do more with your data

DATA CENTERS

Optimize strategic operations, client data flow, security, storage requirements, and access capabilities, and more at data centers using our IoT capabilities

NETWORKING & TELECOM

Discover new opportunities by connecting people, places, and things through emerging technologies such as 5G, IoT, AI & Machine Learning

RETAIL

Traceability, authenticity, and real-time availability of goods; better customer experience; scalability during peak times; process optimization; and more

Service Coverage

PRODUCT ENGINEERING

IoT Application Development, Vulnerability & Penetration Testing, Device Management Monitoring, and more

DIGITAL

CloudOps, Cloud Migration, Data Management & Analytics, AIOps, DevOps, and more

SUSTAINING & SUPPORT

Hotfixes, Feature Enhancement, Ecosystem Integration, NOC Support, and more

UI/UX ENGINEERING

UI Modernization, Rapid Prototyping, Feature, Functionality & User Testing, and more

Page Name:

Open Source Services

Strategic adoption of opensource technologies to develop solutions, implement processes, refine workload architecture, and sustain the solutions.

In the pursuit of reducing the time to market, serving customers with exciting services, and staying competitive, businesses are rapidly adopting open source technologies. Open source software is being used extensively by enterprises and technology ISVs, especially in the Telecom industry, to rapidly enable cutting-edge technologies with modern practices followed in the community. These open source projects have influenced software development cycles (design, prototype, development, integration, and testing) and are supporting IT infrastructure to enable agile service deployments.

Calsoft supports customers with strategic adoption of open source technologies to:

- Develop solutions
- Implement processes
- Refine workload architecture
- Sustain the solutions further

Five pillars of Calsoft's open source expertise

We help customers to build their products completely based on open source tools and frameworks. This involves following modern software engineering practices that most open source projects are prioritizing. We help in containerizing, building microservices to automate, scale application elements, and make them more resilient.

We offer consultations to customers, enabling them to strategically choose the right open source technologies to address the gaps in their solutions

and bring about innovative features. We pinpoint the areas where open source can reduce the costs and the total cost of ownership (TCO).

We help customers in architecting their solutions using open source frameworks. This involves recommending open source in designing and prototyping of solutions that helps in automating a few layers, achieving security, and monitoring of applications and IT workloads.

Read More

We help our customers by recommending open source frameworks in product engineering practices and further assist in the development, testing, UI engineering, and sustaining of their products. We follow the cloud-native development approach to adhere to the modern software development paradigm.

Read More

We offer maintenance and support services for applications and products developed using open source technologies. We help customers to continuously track changes in open source projects and recommend and apply patches in existing solutions built using open source technologies.

Calsoft Open Source Advantages

LOWER OPEX/CAPEX

Using open source technologies enables us to pass on the cost advantage to our customers.

SECURITY & QUALITY

Community-based development enables rapid security and quality patches to solutions.

LOWER TOTAL COST OF OWNERSHIP (TCO)

Cost effective as the scale of infrastructure is large in telecom and enterprises.

BETTER CONTROL

Allows customization as per need and helps examine the solution in different environments.

MORE INNOVATION

Development for new technologies and backend core of any new data center domain.

AVOID VENDOR LOCK-IN

Enables innovation by reducing vendor lock-in, and supports a more agile development process.

STORAGE

- **ENABLES CLOUD NATIVE STORAGE – CEPH, ROOK, ETC**
- **DATA MANAGEMENTS: DR AND BACKUP – CSI, VALERO**
- **CLOUD ATTACHED STORAGE OPENEBS**

NETWORKING & TELECOM

- **CORE SOLUTION DEVELOPMENT & CI/CD**
- **WORKLOADS ORCHESTRATION & LIFECYCLE MANAGEMENT**
- **ECOSYSTEM INTEGRATION**

AI/ML

- **CORE DEVELOPMENT OF SOLUTIONS**
- **DEEP LEARNING ALGORITHMS**
- **AI/ML WORKLOADS ORCHESTRATION**

Open Source Projects

Our engineers and architects are consistently contributing to OpenStack, which is among the fastest growing opensource communities in the world. Our contributions include the following:

- [Fix OOB introspection to use pxe_enabled flag inIDRAC driver](#)
- [DRAC: Upgraded RAID delete_config cleaning step](#)

- [Set boot mode in node properties during OOB Introspection](#)
- [Add iDRAC driver real-time RAID creation and deletion](#)
- [DRAC: Adding reset_idrac and known_good_state cleaning steps](#)

ELIOT is a family of Akraino blueprint, which intends to develop a fully integrated edge network infrastructure and run edge computing applications on lightweight edge nodes. We have made code enhancements through automation scripts and ready-to-use VM images. Using these images, you can try out an edge use case (IoT) in a couple of hours, instead of spending days and weeks over it. Details of our contributions can be found on the Eliot wiki page: https://wiki.akraino.org/display/AK/ELIOT+Installation+Guide

ONAP

We understand the workings of ONAP and help our customers with real-time, policy-driven service orchestration and automation, along with support for complete life cycle management activities.

- End-to-end orchestration
- End-to-end network slicing management
- 5G service orchestration
- Self-Organizing Network (SON) enhancements
- Fault management/performance management data collection

STARLINGX

- Our contribution to StarlingX is focused on a significant reduction of the kick-off time for users by introducing a StarlingX-in-a-box VM. It also amalgamates EdgeXFoundry and Kubernetes to handle workloads. We have also contributed to StarlingX Guide for 'How to get up & running with StarlingX EdgeX' and documentation for 'How to Create StarlingX-in-a-box Images'.
- Download link for the image: https://drive.google.com/file/d/1ntQSILp4rg-L_CMQPLCPsvtYdAmQFHFp/view?usp=drive_open
- Users from China please download from here: https://pan.baidu.com/s/1OJT2QvrWbY5eLgjn4qB6dA   (Extract code: 645f)

OPNFV

- We have expertise in leveraging OPNFV to support our customers. Here are a few instances:
- We helped automate the validation of a commercial OpenStack solution with OPNFV Functest test framework for different test suites such as Healthcheck, Smoketest, Components, VNFs. We also automated OPNFV Yardstick framework to benchmark the performance of the solution.
- We supported a customer with testing a commercial OpenStack solution for VNF deployment and performance benchmark testing. The engagement included testing of VNFs on top of the NFV environment using OPNFV Functest test suites.

MEDHAVI

'Medhavi' is a Sanskrit word, meaning 'Intelligent'. Medhavi architecture revolves around simple compute workload managers and a clean concept of jobs — how they are placed and scheduled using Open Infrastructure. Some of our contributions include:

- [Implement deployment module to install Medhavi using Ansible (#6)](#)
- [Added medhaviclient (#8)](#)

- [First commit – API and json parser implementation](#)

- [Integration with device engine (#7)](#)

OPEN
Calsoft is actively involved in contributing to Open vSwitch project. Calsoft capabilities include

- Contribution to Open vSwitch project
- Open vSwitch Integration into hypervisors
- Open vSwitch integration testing
- Development of OVS Utilities

Page Name:

Industries

STORAGE

In the digital data storage domain, we help enterprises with cost optimization, security, scalability, faster deployments, and effective data management.

NETWORKING & TELECOM

Our networking & telecom expertise can capture the objectives of CSPs and telco companies and help them operate and orchestrate smartly.

ISVS

Our services and solutions are tailored to mitigate challenges faced by Independent Software Vendors as they tread the markets competitively.

DATA CENTER

Data Center technologies have unlimited potential, which we maximize for enterprises to hyperscale and leap aggressively.

RETAIL

From customer experience to inventory management, we help retail players upgrade their stores with the best digital assets available.

DIGITAL NATIVE

Our services can nurture "online-only" brands and help them excel better than online and offline competitors.

MANUFACTURING

We help industrial enterprises usher into a new phase of the Industrial Revolution with automation, interconnectivity, real-time data and ML.

MOBILITY

Calsoft curates and designs the best-fit mobile strategy to keep your end-users engaged with intuitive UIs and mobile app features.

Page name:

Storage Product Engineering Services & Solutions

Solving Your Toughest Storage Challenges

Flexible, resilient, reliable, and high-performing storage is foundational to your most critical business asset – your data. Enterprises are increasingly resorting to upping their storage game with the most trending approaches such as software-defined storage, Storage-as-a-Service, hybrid multicloud storage, converged & hyperconverged infrastructure, SSD & flash arrays, cyber-resilient storage, and more. Our wide range of storage engineering services, readymade accelerator IPs, and consulting expertise in the latest technologies help our customers create products that spearhead data center transformations and virtualization initiatives.

Optimize, Modernize, and Scale Storage Systems with our Storage Engineering Services and Optimization Solutions

SSD/FLASH

Services and IPs – including firmware, caching, storage management, performance management, data security, array management, vendor integration, and more – to assist SSD array providers in creating products for virtual environments.

CLOUD STORAGE

Enabling Cloudification of the physical storage by developing, deploying, and managing it. Benefits include improved security & privacy, dedicated capacity, enhanced customization, better compliance, reliability, and better resource management.

SOFTWARE DEFINED STORAGE

Helping ISVs develop Software Defined Storage solutions to support growing data needs. Our offerings include management UI, provisioning, performance, resiliency/availability, data security, automation, and more.

HCI

Simplifying datacenter management by developing hyperconverged infrastructure solutions. Our offerings include storage resiliency, storage provisioning, storage capacity planning & maintenance, storage tiering, data protection, backup & recovery, storage security, and more.

DATA PROTECTION

Providing quick and reliable data protection, ensuring uptime and securing you from data loss. Our offerings include backup/restore, archival, de-duplication, clustering, HA, snapshot management, disaster recovery, and more. Simplify data management and make storage utilization efficient with our data deduplication offerings.

DATA DEDUPLICATION

Simplifying data management and making storage utilization efficient with our data deduplication or dedup offerings.

Our Services

Transforming your idea into Reality

Product Development

- [Custom Architecture Development](#)
- [POC & Prototype Development](#)
- [Usability Engineering](#)
- [UI/UX](#)

Automation & Integration

- Plugin Development
- Infrastructure Automation
- Certifications
- IT Automation & Analytics

Quality Assurance

- System & Solution Testing
- SSD/Flash Arrays Testing
- SAN/NAS Testing
- Device Driver Validation Testing
- Management UI Testing

Sustaining & Support

- Sustaining Engineering
- Test & Release Management
- Product Documentation
- Product EOL Management

Cloud Engineering

- Application & Data Migration
- Cloud Native Development

DEVOPS

- CI/CD Implementation
- Automation of infrastructure provisioning
- Development of custom dashboards
- Cloud migration across various cloud vendors – AWS/Azure/IBM SL

Accelerator

WINDOWS CBT

Our comprehensive understanding of Changed Block Tracking (CBT) has enabled us to create our own off-the-shelf IP – CSCBT – a CBT solution for volumes on the Windows OS. CSCBT is a pre-tested, reusable, and ready-to-integrate solution, which keeps track of volume blocks that have changed since the last backup.

ISCSI TEST SUITE

Our mature understanding of iSCSI implementations has led to the creation of a readymade repository of test cases that helps vendors get their products to the market faster. Our iSCSI test case repository dramatically reduces testing time while ensuring optimal test coverage.

CALSOFT M365 PLUGIN

Calsoft's 7-in-1 Intelligent Data Protection Framework for M365 takes full responsibility of keeping your customers' data protected even during catastrophic failures of the M365 infrastructure. End customers benefit from daily backups & restores, data replication to multiple storages, and much more.

Generic Cloud Solutions

Our Generic Cloud Interface enables software solutions and variable components to provide different services that facilitate communication with cloud storage.

EMULATORS

Our emulators perform scalability testing on large storage configurations without physical storage; simulate multiple hosts, ports, and application I/O patterns; enable software providers to create petabytes of data with minimal investment in physical storage.

Page Name:

SSD/FLASH

Enterprises aiming at scalability and high-performance computing environments need to identify and remove I/O bottlenecks. It is vital to select a partner possessing the right combination of tools, skills, and knowledge to examine and optimize your entire I/O path for high performance, endurance, and reliability.

Calsoft assures success to its customers through its multi-faceted offerings:

Firmware

We help our customers optimize wear leveling and write performance of their firmware

Implementation Of Soap-Based Management Layer

Calsoft helped the customer solve productivity challenges occurring due to inefficient RPC-based management console.

Request

SEE OUR BEST WORK

Vcs Agent To Monitor Ssd Caching

Calsoft assisted the customer for monitoring SSD caching by VCS agent in a VCS cluster environment.

Caching

We provide support pertaining to SSD PCIe device driver and caching.

Storage Management

Our storage management offerings cover volume manager, block driver, IO driver.

Development of UBI-Based Volume Manager

Calsoft developed UBI-based volume manager and related software components for a flash device on Linux.

SEE OUR BEST WORK

Development Of Block Level Filter Driver

Calsoft developed a Block Level Filter Driver to allow journaling of block changes in a file system to enable backup and restore

Performance

We monitor SSD health and performance through compression, block level de-duplication, and more.

Data Security

Our data security offerings include fault tolerance using NVRAM, software RAID, mirroring, and snapshots.

Data Protection of Microsoft Hyper-V Platform

Calsoft assisted the customer in developing a plugin for Windows Hyper-V using a web-based UI and a centralized way of configuring backup and restore policies for Hyper-V.

Request

SEE OUR BEST WORK

OS Independent Unified Snapshot Solution Development

Calsoft developed an OS Independent/Unified Snapshot Solution, which included RAID configuration, helping the customer with quick application instance provisioning from the snapshots.

Request

Array Management

Our array management offerings include management console and REST API accessibility, integration enablement for third-party north-bound API, and more.

Vendor Integration

Our vendor integration offerings include VMware (SAN-VAAI, NAS-VAAI, VASA, vCenter plugins) and Microsoft (NFS/CIFS, VSS, SMI-S). That's not all. Our Storage

IPs include ready-to-use protocol compliance test suites (iSCSI, SMB 2.x 3.x) for new vendors.

VMware Certification Testing for Unified Storage Appliance

Calsoft helped the customer with VMware Certification Testing for Unified Storage Appliance to resolve issues faced due to changes made by VMware in ESXi 5 while certifying their products.

Request

Page Name:

Cloud Storage

Cloud forms the foundational aspect of any digital transformation strategy. To sustain growth, cloud service providers need to build storage that is extremely scalable and cost-efficient. The increased use of both private and public cloud services has the potential to deliver multiple benefits to enterprises all through cost reduction and greater operational efficiency.

Calsoft as a Google Cloud Partner that brings on table the most reliable and scalable cloud storage offers a range of services that include workload and data migration, cloud application's security, development & testing, backup and archive solutions for the cloud as a target and Cloud PaaS services, storage integration, data analytics, disaster recovery, and more.

Data Migration

Migrate your assets to Google cloud or a cloud of your choice, to run and manage your databases and enterprise applications at a global scale while optimizing for efficiency and flexibility. All while mitigating risks, easing complexities, and minimal downtime with our data migration services.

Cloud Migration/Cloning Testing

The customer offers automated cloud migration and disaster recovery software for deploying multi-tier apps and services to the cloud. Calsoft was engaged with the customer for cloud migration/cloning testing.

Request

Backup & Archiving

Leverage fast, low-cost, highly durable Google cloud storage for reduced cost of backup and archives while still retaining immediate access. Get our experts to assist you in facilitating a custom backup & archiving solution, and in devising a robust disaster recovery plan. Want to protect applications and services deployed in Google Cloud? Our experts can assist you in building custom plugins supporting Cloud PaaS backups & recoveries

Automation & Orchestration

Manage, Automate & Orchestrate your cloud operations with ease, operational agility, and at lower costs. Our cloud automation & orchestration experts help in simplifying complex tasks and workflows using the latest tools & technologies such as Kubernetes, Docker, Puppet, and more.

SEE OUR BEST WORK

VMware AirWatch Storage Integration

Storage Integration for Leading Software Company Calsoft was engaged by the client for analysis, validation, and integration of Storage appliances within their product ecosystem.

Cloud Storage Integration

Calsoft's integration experts help with custom cloud storage APIs and SNIA CDMI support for third-party application integration and ready-to-use UCCI (Unified Cloud Caching Interface), reducing the latency and improving integrity.

Cloud Data Security

Detect and respond to the threats smoothly in any cloud environment with our cloud data security solutions. Our engineers help in embedding security right at the development stage for building a robust system.

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Software Define Storage

Software Defined Storage (SDS) technologies are designed to speed up the delivery of IT services to stakeholders, offering flexible configurations and agile deployment options. Calsoft offers a wide variety of enterprise-class data storage management solutions to manage, protect, access, and restore your business data.

Here is a glimpse into our bouquet of offerings for SDS.

Management UI

Development of SDS management components for vendors' NAS appliances (SOAP and REST based, with standard API hooks).

HA and LACP Support

Calsoft supported the customer in adding HA and LACP support to the current bonding driver in BSD and porting it to Montana for Sun StorEdge 5×00 systems.

SEE OUR BEST WORK

VMware VAAI Block Certification for TrueNAS Storage

Calsoft carried out certification testing of the customer's iSCSI block storage product-"TrueNAS" for its VAAI compatibility.

Provisioning

Our offerings include development of SMI-S-based storage provider & OpenStack Cinder driver; development of VMware plugins; development and testing around VMware SDS certifications (VAAI and VASA) for multiple vendors; and development and testing of storage volume provisioning for Docker containers.

Performance

We help our customers manage the performance of their SDS installations through our services that include RAID-based I/O performance optimization and storage cache mirroring.

Development of Storage Cache Mirroring Feature

Calsoft helped the customer add "Cache Mirroring" feature to a SAN Appliance product quickly and in a cost-effective manner.

Request

SEE OUR BEST WORK

Hardware failure Auto correction for SES Enclosure

Calsoft helped the customer identify hardware failure for SES-compliant JBODs; find opportunities to auto-correct drive failure; and use SES functionality to add extra features.

Resiliency/Availability

Ensure high availability of your SDS installations with SDS integration component for health monitoring and error detection (SES enclosure, multipathing).

Data Security

We leverage our mature security expertise to help our customers with volume and file system level encryption across multiple vendor devices.

Data protection of Microsoft Hyper-V platform

Calsoft assisted the customer in developing a plugin for Windows Hyper-V using a web-based UI and a centralized way of configuring backup and restore policies for Hyper-V.

Request

Automation

Our automation offerings for SDS include Puppet integration for Initiator and Target connectivity; and policy-based storage tiering.

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Convergence-Hyperconvergence

Calsoft's product engineering services help hyper-converged infrastructure (HCI) vendors to rapidly design, develop, and deploy products. Calsoft's offerings for the hyper-converged environment span software-defined storage, data protection services, and data de-duplication services.

Storage Offering

We support our customers with block, fileshare, and object & unified storage such as Ceph.

VMware Certification Testing for Unified Storage Appliance

Calsoft helped the customer with VMware Certification Testing for Unified Storage Appliance to resolve issues faced due to changes made by VMware in ESXi 5 while certifying their products.

SEE OUR BEST WORK

OS Independent Unified Snapshot Solution Development

Calsoft developed an OS Independent/Unified Snapshot Solution, which included RAID configuration, helping the customer with quick application instance provisioning from the snapshots.

Request

Storage Resiliency

Our storage resiliency offerings include RAID, replication, and mirroring.

Storage Provisioning

We support our customers with provisioning for physical and virtual infrastructure, using any of the vendor-provided mechanisms (SMI-S, VAAI, OpenStack Cinder, Ceph, etc.).

Cinder Plugin

Calsoft developed a Cinder plugin for a storage array vendor, enabling the customer to gain more business and the end customer to efficiently manage the storage array from OpenStack Horizon

SEE OUR BEST WORK

VMware vROPs MP for Monitoring and Capacity Planning

Calsoft developed a vROPs management pack to help the customer monitor large deployment environment with over 50K VMs; meet vROPs performance SLAs; and represent large inter-related metrics effectively

Storage Capacity Planning & Maintenance

We assist our customers with alerts-based or query-based management layer. We also offer metering and automated capacity structuring, block-level deduplication, and more.

Storage Tiering

We help our customers identify warm and cold data, along with automated tiering and archiving for legal compliance.

Cloud Integrated Archive Storage

Calsoft was engaged with the client for integrating cloud archive storage. The engagement underpinned: integration with Windows Azure, implementation of data retention and destruction policies, and redesigning graphical user interface.

SEE OUR BEST WORK

Data protection of Microsoft Hyper-V platform

Calsoft assisted the customer in developing a plugin for Windows Hyper-V using a web-based UI and a centralized way of configuring backup and restore policies for Hyper-V. Request

Data Protection, Backup & Recovery

Our data protection and backup & recovery offerings include RPO; RTO; event-based data protection strategies; snapshot & copy data-based protection for volume-based & file-based data; and application-aware backup & recovery.

Storage Security

Our matured storage security offerings include enhanced encryption; automated error correction in disk enclosures; and policy & authentication-based storage access.

Deployment of Microservices security platform on AWS

Calsoft built an automation solution to deploy the customer's microservices security platform in the Kubernetes cluster on Microsoft Azure.

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Related Resources

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Connection Between AI And Storage

This podcast explains about how AI and storage are connected and in what ways AI is helping Storage solutions

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Data Protection

Managing backup & recovery efforts for traditional monolithic environments has been straightforward, but in the age of virtual machines, distributed applications, and cloud platforms, the traditional approach can no longer scale.

We assist product companies in developing backup and recovery solutions that are designed to perform at scale and fulfill a wide range of workload needs for present-day requirements as well as future loads.

We also help enterprises in developing data de-duplication solutions that protect a wide range of environments – right from small, distributed offices to large enterprise data centers.

Enterprise Backup

Our enterprise backup offerings include plugin development, backup & recovery functionality for virtualized environments (VMware, Hyper-V) & enterprise business applications (file shares, common storages), databases (MSSQL, SAP HANA, and Oracle), and communication & collaboration (Exchange, SharePoint, etc.). We also support our customers with development and implementation of application-aware snapshot based on orchestration and point-in-time recovery; assessment and solution development for org policies; HA/DR capabilities; business continuity strategies; and integration with Backup & DR products.

Integration of Software Defined Storage for Data Protection Software

Calsoft helped the customer integrate their Software Defined Storage with their Data Protection Software.

SEE OUR BEST WORK

Active Directory Integration for Windows Backup server

Calsoft helped the customer integrate their Active Directory with their data protection software.

Endpoint Backup

Our endpoint backup offerings include backup & recovery for endpoint devices; bare metal recovery for endpoint devices; easy UI for managing user-level backups and recoveries; development of agentless backup functionality for VMware; backup automation on end devices in distributed environments; ready-to-use backup client OVA for VMware environments; and development of CBT for endpoint incremental backups & high-speed recoveries.

Cloud Backup

Our cloud backup offerings include product development for cloud-independent or federated data protection; cloud gateway development; plugin development for leading cloud service/platform providers such as – Azure, AWS, OpenStack, S3, Box, Dropbox; orchestration & automation of cloud backups; development of backup solutions for private/public/hybrid cloud; and integration of backup & restore workflows with vendor-specific hypervisors (such as VMware ESXi, Hyper-V, KVM).

LDAP Integration for Linux Backup server

Calsoft helped the customer with Linux LDAP Integration for their data protection software.

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Data Deduplication

Data de-duplication is an effective way to get rid of redundant data generated through big data aggregation. A de-duplication system identifies and eliminates duplicate blocks of data and hence significantly reduces physical storage requirements, improves bandwidth efficiency, and streamlines data archival efforts.

Calsoft assists ISVs in developing data de-duplication solutions that protect a wide range of environments, right from small distributed offices to the largest enterprise data centers.

File – Level De-Duplication

This involves comparison of a file to be backed up or archived with those already stored by checking its attributes against an index. Calsoft enables companies with the development and configuration of unique as well as other file-level de-duplication.

Data protection of Microsoft Hyper-V platform

Calsoft assisted the customer in developing a plugin for Windows Hyper-V using a web-based UI and a centralized way of configuring backup and restore policies for Hyper-V.

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SEE OUR BEST WORK

Development of Block Level Filter Driver

Calsoft developed a Block Level Filter Driver to allow journaling of block changes in a file system to enable backup and restore

Block – Level Deduplication

Block-level data de-duplication operates on the sub-file level. As its name implies, the file is typically broken down into segments, i.e. chunks or blocks, that are examined for redundancy as compared to previously stored information. Calsoft assists in the development and management of block-level deduplication operations.

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Network Transformation Solutions & Engineering Services

We are here to accelerate your transformation journey
Network Transformation Solutions & Services for Enhanced Network Performance

Calsoft specializes in high-performing networking and telecom product engineering services. From SDN, SD-WAN, SASE to emerging approaches like Open RAN, Telco Cloud, and network slicing, we offer comprehensive development, testing, and support to accelerate your product releases. With our expertise in cutting-edge technologies, including AI and generative AI, we can assist you in adopting these transformative solutions to enhance networking capabilities for your customers. Partnering with industry leaders, we ensure our services are at the forefront of network transformation. Choose Calsoft for trusted expertise and success in the dynamic world of networking and telecom.

5G Enabled Networking

Our 5G telecom services and solutions cater to enterprises and CSPs getting on board this wave of 5G, Edge and Cloud. With innovative technologies and advancements, our telecom solutions for 5G services can handle networking operations of any size and complexity.

Private 5G

Calsoft's expertise in wireless engineering and 5G solution gives us a unique edge in the Private 5G space. This enables customers to continue their operations, even when unforeseen events occur.

Telco Cloud

The legacy network infrastructure used by the Telecom companies is no longer up to the task. Transitioning from existing hardware-centric networks to modern virtualized modular solutions is the only way forward.

Automation and Orchestration

By enabling various network automation services and orchestrating their end-to-end setup, you can ensure that your network will be able to stand up to the requirements of the future. With Calsoft's expertise, you can implement services like network provisioning & configuration, service orchestration, and more with ease

Edge Cloud Management

Through our Edge Cloud services, we deliver clear & tactile benefits in terms of higher network performance, real-time analytics, flexible deployment, and process automation. Couple that with Calsoft's expertise in open-source, and you can see how we help organizations bring 5G to the edge

Network Function Virtualization

Designed to replace network hardware, NFV systems use a combination of Virtual Network Functions (VNFs) and Commercial Off-The-Shelf (COTS) hardware to provide several benefits. Now, you can leverage Calsoft's NFV engineering and service offerings to get validated and benchmarked solutions comprising hardware and third-party software.

VNF Development

Virtual Network Functions (VNFs) are feature-rich software applications that deliver network functions for routers, directory services, load balancers, firewalls, and similar components.

Software Defined Networks

Software Defined Networks are a form of Network Virtualization, providing centralized control of any network deployment. SDNs facilitate deployment flexibility and agility, allowing for better overall control over multiple types of networks. Calsoft can empower your networks to accelerate your product development services and deployment.

SD-WAN

Software Defined Wide Area Networks, better known as SD-WAN, are a major upgrade for traditional Wide Area Networks. Features like flexible WAN provisioning, optimized cloud traffic routing, and enhanced security make it a distinct improvement, providing several advantages. Calsoft can help you leverage the power of multiple transport services to create secure connections.

O-RAN

Calsoft's O-RAN solutions pave the way to an open mobile future with enhanced mobile access efficiency, strong network performance, and robust security – all within the fast-evolving 5G ecosystem. O-RAN brings in flexible and cost-effective solutions/deployment options, eliminating vendor lock-in.

Network Operations

Virtual Network Functions (VNFs) are feature-rich software applications that deliver network functions for routers, directory services, load balancers, firewalls, and similar components. A VNF enables better use of network resources by running on an NFV Infrastructure (NFVI).

AIOps

AIOps is a combinative game-changer for the telecom industry, combining AI (Artificial Intelligence) with Telecom Ops (Operations). With AIOps, telecom management and customer experience become smarter and more responsive. From anomaly detection to operational execution, AIOps can improve network performance and lower operational costs with time. Calsoft's AIOps experts help you shift from reactive network analytics to proactive network analytics.

Wireless Engineering

As Wi-Fi technology continues to revolutionize digital communications, wireless engineering helps enterprises make the most of their Wi-Fi-enabled devices, from laptops to printers. Wireless engineering ensures that your networks and their numerous connected devices can self-augment for new features and enhanced performance. Wireless connectivity empowers network providers to establish stronger connections between network nodes, data carriers, and hardware – all in a cost-effective way.

Open-Source Technologies

Open-source technology is enabling the telecom industry to innovate at a faster pace without falling into the vendor lock-in trap. Now, most CSPs use open-source software code to run their services, in public as well as private domains. Calsoft, with their expertise, enables organizations to reinvent offerings by making network infrastructure more flexible and less dependent on any proprietary hardware.

Our 5G Lab Solutions

Addressing your quest for efficiency

5G Network Function deployed on AWS Local Zones
Latency has become important with 5G evolution. Telco organizations are deploying 5G network function on a public cloud such as AWS, in such case, meeting low latency needs becomes very important. Calsoft developed a solution that helps telco deploy 5G on AWS with ease. Contact us to deploy 5G on AWS in our 5G Lab.

Explore 5G Lab Solution

Edge Multi-cluster orchestrator (EMCO) on AWS
EMCO is a geo-distributed application orchestrator for Kubernetes and can interact with multiple edge clusters hosted on several platforms, be it public cloud or on-premise infrastructure. Calsoft has developed an intelligent solution to implement EMCO on AWS for smart edge orchestration. Contact us to try out EMCO on AWS in our 5G Lab.

Explore 5G Lab Solution

AETHER in a Box (5G core deployment in a Box)
Aether™ is ONF's new 5G Connected Edge platform. "Aether-in-a-box" is a compact version of the Aether™ platform. It offers mobile connectivity and edge cloud services to distributed enterprise networks. Calsoft provides an "Aether-in-a-box" deployment solution that is hosted on the AWS cloud. Contact us to try out AETHER in a Box in our 5G Lab.

Explore 5G Lab Solution

Our Services

Transforming your idea into Reality

Product Development

- Protocol Plug-ins and Converters
- Controller Development and Integration
- Firmware Posting and Development
- API Development
- Orchestration Management and Security

Cloud Native Development

- Containers and Microservices
- Serverless Architecture

CloudOps and DevOps

- CI/CD
- Automated Provisioning and Orchestration
- CloudOps Management

Security and Monitoring

- Data Protection and Privacy
- EndPoint Security
- Container Security
- Cloud Security
- Cyber Security
- Intelligence Log and Performance analysis
- Configuration Compliance

Support Services

- Software Development
- Solution Validation
- Quality Assurance
- Managed Services

Industries

TELECOM COMPANIES

OEM AND ISVS

NETWORK SERVICE PROVIDERS

Page Name:

Network Automation

Network automation makes the network predictable, reduces the cost and complexities, and enhances your overall business. It involves automating network implementation, operations, and management. There are many more ways automation can greatly affect the functionality of virtual networks through areas like performance testing, network auditing, and more. Calsoft helps network service providers and end-users by enabling various automation services such as network provisioning & configuration, service orchestration, advanced monitoring features, embedding AI for analytics, and improving the overall security of the network.

Provisioning & Configuration

Calsoft enables network providers and end-users with faster provisioning, rapid deployment & configuration across thousands of network devices. We also help in timely and faster upgrades of the configured services.

VNX Provisioning Automation

Calsoft supported the customer with navisphere management from within the VI client along with automated verification of REST APIs.

SEE OUR BEST WORK

AI & Analytics

Calsoft developed various components of DOVE SDN product such as Dove Connectivity Server (DCS), Dove-Agent, Management console and gateways for the customer.

Service Orchestration

Calsoft assists network teams in provisioning & maintenance of services through service orchestration that helps in managing multi-platform and multi-network diversity. We also help with end-to-end service orchestration across the network.

AI & Analytics

Calsoft supports its customers with AI and ML-driven networks that deliver predictive, cross-domain, and real-time data analysis. This helps in driving decisions for better business positioning, increases efficiency, and improves customer experience.

Development of Flow Agent

Calsoft assisted the customer in collecting and transferring various statistics – node, app, network resources in the Kubernetes cluster for monitoring and analysis.

Request

SEE OUR BEST WORK

Converged Infrastructure Configuration Manager

Calsoft helped a leading Converged Infrastructure vendor develop a configuration management platform, wich included lifecycle management of the solution.

Compliance

Deploy pre-configured policies, conduct regular network audits, manage network devices for the changed configurations, and get compliance recommendations with Calsoft's solutions that align with regulatory standards such as CIS and DISA.

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Edge Computing

Edge enables data processing and computing as close as possible to the device or the location where data is consumed instead of depending on cloud or data centers. Edge computing helps in reducing latency with enhanced security and improved bandwidth utilization.

Calsoft helps customers by delivering on-premises services to process and analyze their data at the edge. We have also contributed to opensource projects such as Akraino Edge Stack, EdgeXFoundry, StarlingX, Intel's OpenNESS, and more.

Edge Orchestrator

We assist customers in deploying edge applications on edge data centers based on bare metal servers and AWS-based K8S clusters. The edge orchestrator is driven by AI/ML functionality to configure the policies seamlessly.

Edge Device Orchestration: Configuration & Monitoring Console

Calsoft supported the customer in developing an orchestration platform to configure, monitor, and administer edge devices and servers.

Request

SEE OUR BEST WORK

Edge Computing IoT Application using EdgeXFoundry

Calsoft created a POC on the EdgeX Foundry stack, which handles virtual application devices and helps collect information for analysis in different business cases.

Request

Edge Analytics

We enable data collection and analysis near the devices using edge analytics for reduced latency, faster decisions, lowered costs, and real-time analysis. It facilitates our customers to transform their data into actionable insights.

Cloud Integration

Edge computing provides a high level of flexibility by integrating with various cloud-enabled platforms. Calsoft assists enterprises with edge-to-cloud integration solutions with its in-depth knowledge and rich experience in cloud technology and integrations services.

Network Edge – Ironic BareMetal Management using DRAC and Redfish driver

Calsoft helped the customer add support for Dell hardware in OpenStack Ironic and dracclient.

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PODCAST

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This podcast will also cover that how does the co-ordination between the Network slice management system and non 3GPP management systems such as Data center network, transport network happen.

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Get insights from Calsoft's recently concluded webinar in association with NASSCOM

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Looking back at older computers, do you remember those bulky machines that took hours to process data? Now, we process the same amount of data in split seconds on our…

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This eBrief focuses on the challenges in adopting Open RAN and highlights the role the different technology communities play in eliminating these challenges.

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The 5G Wave – Foreseeing the changes it is bringing along

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Security & Monitoring

Adoption of network performance monitoring tools is gaining momentum, especially with the rise of cloud platforms and virtualization. However, as organizations embrace virtual networks and cloud services, and the need for application awareness grows, network performance monitoring tools are expected to evolve to meet some key challenges. Adaption to handle virtual infrastructure, new applications, and hybrid cloud environments is inevitable.

Calsoft assists networking ISVs in developing network monitoring products that reach completely into physical and virtual environments while providing full visibility and maintaining compatibility.

On the other hand, our data security services help organizations in managing and protecting their data throughout the data lifecycle—data creation, data at rest, data in motion, data in use, and data destruction. Our data security solutions assist in creating a roadmap to achieve maximum protection against data breaches.

Network Monitoring

Our offerings include monitoring for legacy & new-age virtualized networks; application monitoring in on-premises, public, and hybrid clouds; container monitoring – usage metrics, inter-container traffic, scalability performance; predictive maintenance of data center infrastructure through IoT & ML algorithms.

Network Monitoring Solution

Calsoft enabled network monitoring of Virtual Machines in vSphere environment for the customer, resolving the performance challenges of the Network Filter.

SEE OUR BEST WORK

Data protection of Microsoft Hyper-V platform

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Data Protection and Privacy

Our service offerings include data classification; policy enforcement; access control and audits; identity and access management; managed services; and more.

Endpoint Security

Our endpoint security services help organizations in minimizing risk through the secure design, implementation, transformation, and management of compliant, policy-aligned automated services. We help companies in protecting their people, processes, technology, and data with encryption, secure key management, and server, desktop, laptop, and printer security.

End-point Security Agent for Solaris and AIX

Calsoft developed an endpoint security agent on Solaris and AIX to collect telemetry and program the native stateful firewall in the host.

Request

QA Automation for Network Security product

Calsoft helped a well-known Network Security vendor with the automation of Functional & Non-Functional testing of their product portfolio.

Request

Network Security

We assist ISVs in injecting security at each stage of the product engineering life cycle and infrastructure layers (from firmware to software).

Cloud Security

We offer a 360-degree expertise to safeguard your containerized environment and the communication between containers and the orchestration platform.

Deployment of Microservices security platform on Azure

Calsoft built an automation solution to deploy the customer's microservices security platform in the Kubernetes cluster on Microsoft Azure.

SEE OUR BEST WORK

Azure Test Drive for Container Security Product

Calsoft helped a container security product company to create an Azure test-drive for showcasing the features and use cases of their product on the Microsoft Azure platform.

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Container Security

We offer a 360-degree expertise to safeguard your containerized environment and

the communication between containers and the orchestration platform.

Cyber Security

Our specialist security consultants help customers with not just evaluating 'detect and respond' capabilities for their technologies, people, and processes, but also AI/ML-based cybersecurity prevention solutions. We assess your security policies and infrastructure by running cyberattack simulations with a wide range of penetration tests to expose and eradicate vulnerabilities and provide a secure foundation for growth. Along with this, our AI/ML-based security solutions help in analyzing data to detect potential risks.

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Network Function Virtualization

Networking services are expected to be deployed at an accelerated pace and hence we are witnessing organizations making a beeline for implementing Network Function Virtualization (NFV) frameworks within data centers.

NFV replaces the use of network hardware with software called Virtual Network Functions (VNFs) on top of COTS (commercial off-the-shelf) hardware, lowering CAPEX and OPEX. It also enables chaining of VNFs to form a service, enabling the selection of software vendors providing specific services in the form of VNFs instead of monolithic solutions. Moreover, NFV helps data center or telecom networks to scale horizontally and vertically based on spikes in demand.

Technology vendors can leverage Calsoft's NFV engineering and service offerings to provide validated and benchmarked solutions comprising hardware and third-party NFV software.

NFV Infrastructure

Our offerings in this space include end-to-end deployment automation of NFV Infrastructure; OpenStack platforms of commercial and community flavors; optimizations for DPDK & SR-IOV for data path acceleration; and certifications.

NFV Infrastructure Deployment Automation

Calsoft helped a leading technology company by automating the deployment of VMware vCloud Infrastructure Platform for NFV.

SEE OUR BEST WORK

NFV: vRouter Integration with Openstack Tacker

Calsoft supported the customer with life cycle management of their virtual router OpenStack-Tacker.

NFV Quality Assurance

Our NFV QA offerings include end-to-end functional and coverage testing from deployment to orchestration; performance and benchmark testing on different hardware and virtualization platforms; complexity spectrum of single user/operator to multi-tenant users; and third-party independent solution validation for commercial VNFs.

NFV Solution Validation

Our offerings in this space include deployment of commercial test tools to simulate control and dataplane traffic for NFV solution validation and testing; reports & metrics for the NFV ecosystem and VNF solutions deployed; and health reports related to the NFV infrastructure comprising faults and events, failures, utilization parameters for compute, storage, and network.

Performance benchmarking for the VNFs deployed on VMWare Cloud

Calsoft supported the customer with testing the VIO (VMWare Integrated OpenStack) platform for VNF deployment and performance benchmarking.

SEE OUR BEST WORK

UCPE devices: VNF performance baselining & deployment automation

Calsoft assisted the customer in testing the performance of VNFs on top of uCPE devices, and deployed bare metal OS, middleware like VMWare ESXi on edge node devices.

Request

VNF Engineering

We support customers with the design, development, and deployment of VNFs based on Data Plane Development Kit (DPDK) & including L3 routing to DHCP, NAT, WAN Optimization, uCPE including IPSec VPN, UPnP, and more. Our testing expertise in this space includes test of VNF software lifecycle; monitoring, horizontal and vertical scaling; migration and auto-healing; testing of VNFs in service chained environments for end result verification; and validation of VNF forwarding graphs.

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Containers & Microservices

Containers are primary enablers for enterprises embracing continuous delivery to simplify existing infrastructure. They allow enterprises to release software at a faster pace.

Calsoft, with its container engineering capabilities, enables product companies to develop secure solutions that extend customers' legacy data centers into new container ecosystems, while empowering them with the necessary tools to manage the platform.

On the other hand, monolithic applications are rapidly being replaced by microservices architecture. Calsoft is catalyzing this process of application

modernization for many organizations by helping them transition from monoliths to microservices.

Calsoft offers these solutions as ready-to-use models or customized developments based on customer requirement. Customers benefit in terms of cost and effort savings and reduction in delivery time through rapid and reliable delivery of large, complex applications. Our API solutions make microservices well-defined and standardized, ensuring complete security.

Kubernetes, with its proven maturity and robust architecture, has become the de-facto method to manage containerized workloads and applications. Kubernetes supports all kinds of workloads including stateless, stateful, batch, and daemons, etc. Kubernetes is also flexible to natively support a comprehensive range of features, applications, languages, and frameworks.

Enterprises have started migrating legacy stateful applications to reap benefits of K8s-orchestrated application availability and resiliency. Most enterprises are leaning towards deploying workloads and applications in a hybrid multi-cloud model.

Enterprises now face newer challenges in data management and protection as they need to back-up application definitions and the data, with rebuilding capabilities either for recovery scenarios or for workload movements.

Calsoft, your preferred technology partner, offers full-fledged Kubernetes engineering support in design, development, and support of Kubernetes solutions.

Plugin Development

Our offerings in this space include Docker Network (CNM/CNI-based)/Volume (Flocker)/Security (Contiv)/Authorization) plugins; Kubernetes Network (CNI) plugin implementation and customizations, integrations such as Calico & Open vSwitch; Kubernetes scheduler extensions; Flocker integration for storage arrays; and Windows containers. Also, CNCF-compliant Container Storage Interface (CSI) driver development, which allows Kubernetes integration for Enterprise Storage, offering advanced enterprise functionality for large-scale Kubernetes deployments, including Red Hat OpenShift.

CISCO Mercury Openstack Installer

Calsoft dockerized web user interface to list, manage and monitor available OpenStack YAML Blueprints for deployment.

SEE OUR BEST WORK

Data Protection for Kubernetes based Workloads

Calsoft was engaged with the backup vendor for building plugin for extending data protection for Kubernetes based workloads: Use of persistent volume snapshot & Enables data protection for metadata and application consistent data

Data management

Calsoft is a preferred engineering & technology partner for ISV and platform vendors. Faster release times and robust solutioning are guaranteed because of our comprehensive expertise and rich experience in the Data Protection domain along with our deep and extensive knowledge of K8s native constructs, CSI, and data management tools like Velero, openEBS, etc.

Application Modernization

Our offerings in this space include SaaSification of applications by deploying them to cloud platforms; conversion of monolithic applications to microservices-based architecture; application rearchitecting & containerization of services to follow a modern cloud-native approach; application deployment, CI-CD pipelines, monitoring, and intelligent analytics.

We also offer Kubernetes customization with custom controllers, CRDs, operators, and Service Mesh design, which includes network policies, canary deployments, Helm charts, etc.

UCS OpenStack Installer UI

Calsoft provided a SAAS-based solution to deploy, install & monitor OpenStack services on the Client-UCS platform.

Request

Composable Kubernetes Infrastructure

Calsoft built bare metal automation for the customer's SaaS-based product of configurable Kubernetes deployment.

Request

Orchestration

Our orchestration offerings include management and orchestration for Docker (Coopto for VMware); distributed/HA deployments of applications on Kubernetes across multiple zones using wrappers above Kubernetes; containerization of services (storage container); and service chaining using containerization of services.

Monitoring

Our monitoring offerings include multi-layer monitoring of containerized deployment & analytics on top of it; packet-based monitoring of container networks; single-pane resource/service monitoring.

Deployment of Microservices security platform on AWS

Calsoft built an automation solution to deploy the customer's microservices security platform in the Kubernetes cluster on Microsoft Azure.

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Azure Test Drive for Container Security Product

Calsoft helped a container security product company to create an Azure test-drive for showcasing the features and use cases of their product on the Microsoft Azure platform.

Request

Container Security

Our mature security expertise in this space includes securing the container management stack, application, and infrastructure; monitoring for malicious behavior in the application; integrating security tools and policies to improve container security.

Microservices in Containers

These microservices mostly run in containers—a single service in a single container. These services communicate with each other using REST APIs. Calsoft has a rich experience of developing such APIs and [plugins](#) for services and integrating them with on-premises cloud or public cloud platforms such as AWS, Google Cloud, and Azure.

Project Calico Development on Windows Platform

Calsoft helped the customer port their enterprise solutions for Windows-based platforms.

Request

SEE OUR BEST WORK

Azure Test Drive For Container Security Product

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Request

Container Orchestration, Management & Security

This complex model of microservices in container technology needs container orchestration, container management, and container security. Calsoft has widely implemented developments around container orchestration in a dockerized environment using Kubernetes along with messaging, monitoring clusters, framework development, and more.

SEE OUR BEST WORK

Deployment of Microservices security platform on AWS

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Request

CI/CD Approach

Microservices applications demand precise communication with low latency. Developing such a complex system requires continuous integration and continuous delivery practice to release a modernized version of the applications or their updates. Calsoft assists customers with test automation and continuous testing, reducing the turnaround time and improving the security, scalability, and robustness of the applications.

Quality Assurance & Qualification

- We help ISVs and platform vendors with CNCF Kubernetes software conformance certification.
- We offer custom E2E tests for cluster/multi-cluster setup with CI/CD integration.

- We also help with qualification using standard tools such as Kubetest, Sonobuoy, etc.

Page Name:

Software Define Networking

Software Defined Networking (SDN) is an innovative networking architecture that provides centralized control of complex networks and facilitates deployment flexibility in the cloud, in the network, or in branch offices depending on the requirements of each service. By implementing a common SDN layer, organizations can manage their networks and devices consistently and holistically, despite the complexity and heterogeneity of the underlying network technologies.

Calsoft's forte in product engineering services in the following faculties facilitates networking vendors to accelerate their product development processes and rapidly deploy their products.

Management Layer

Our offerings include management layer software for new-age firewalls, routing, switch & monitoring products; development of protocol plugins and converters; integration with cloud management portals (CMPs) and orchestrators; and adapter development for integrating legacy networking products.

VM-aware Switch Fabric

Calsoft helped the customer build VMWare integration modules for their product to make it VM-aware.

Request

SEE OUR BEST WORK

NSX Integration

Calsoft supported the customer with integrating the L2/L3 switching infrastructure with VMWare NSX.

Request

Core Networking

Our offerings include development & integration of SDN controller; development & integration of OVS-ODL-Core components; Open Virtual Switch (OVS) enhancements; firmware porting and development; south-bound plugin development & North-bound API integrations; and DPDK, SR-IOV, VPP based data path engineering

Integrations

Our offerings include integrating network services with NSX; integrating SDN solutions with OpenStack via Neutron; integrating SDN solutions with VMware ecosystem; integrating SDN solutions with monitoring tools; and development of south-bound plugins.

DevOps for Networking – Ansible Installer for SDN product

Calsoft developed a QuickStart installer for an SDN product with OpenStack Liberty, which can be used to deploy the solution on a single node for product evaluation purposes.

Request

SD-WAN

SD-WAN, also known as Software-Defined Wide Area Networking, has emerged as a cost-effective alternative to expensive, time-consuming, and exclusive WAN solutions. Its additional benefits, including on-demand and need-based WAN provisioning, optimized routing of cloud traffic, and improved security, visibility, and monitoring, are positioning it as the preferred choice for enterprises.

Calsoft supports SD-WAN vendors in developing software modules to augment their ongoing development initiatives and ensure that their products comply with existing Network Virtualization and cloud platforms.

Software Development

Design, develop, and deploy robust and agile applications that possess capabilities of interacting with various external applications. Our offerings include pluggable module for Deep Packet Inspection (DPI) & application identification; Customer Premise Equipment (CPE) reporting module; VXLAN tunneling library; service chaining engine; and more.

Development for SDN-VE Product

Calsoft developed various components of DOVE SDN product such as Dove Connectivity Server (DCS), Dove-Agent, Management console and gateways for the customer.

Request

SEE OUR BEST WORK

SD-WAN Vendor – NSX Integration

Calsoft assisted the customer in integrating the L2/L3 switching infrastructure with VMware NSX.

Ecosystem Integration

Embrace the power of integration to make SD-WAN products compliant to the existing network virtualization and cloud platforms. We assist our customers with plugin development as per framework requirements; Edge configuration in the framework; automation scripts/DevOps components for orchestrated deployment; and more.

Quality Assurance

Make your SD-WAN solution error-proof and ensure best-in-class quality through our mature Quality Assurance offerings that include end-to-end testing of SD-WAN solutions, right from CPE deployment to central orchestration; performance & benchmarking on different hardware & ecosystems; penetration testing, vulnerability assessment & hardening of software; and confirmation of separation of multi-tenant environments.

uCPE Devices: VNF Performance Baselining & Deployment Automation

Calsoft assisted the customer in testing the performance of VNFs on top of uCPE devices, and deployed bare metal OS, middleware like VMWare ESXi on edge node devices.

SEE OUR BEST WORK

Openstack – Upgradation Of Module To Gather Additional Telemetric Data

Calsoft helped the customer collect telemetric data for KVM hosts and instances running in an OpenStack environment.

Best Practices

Choose a best-suited software vendor for SD-WAN implementation by leveraging the best practices and key considerations suggested by us. Our offerings include

identification of selection criteria; evaluation methods for each criterion; comparative study of different approaches; and more.

Page Name:

Bare Metal Switches

Companies are adopting groundbreaking approaches for the frontend development of their software, website, or applications. They have become more aware of the trending technologies and are making choices best suited for their brand and audience. Calsoft, with years of expertise in UX & UI engineering and honed skills in data & GUI tools such as HTML, CSS, JavaScript, and more, helps customers create extraordinary interfaces that are modern, smart, and high performing.

Network OS Development

Other switches come already packed with a pre-installed OS, making them difficult for the user to modify the components as required. With bare metal switches, the user's choice of OS can be installed and Calsoft helps in this process right from choosing the apt OS to its installation, upgrade, and management.

NFV Infrastructure Deployment Automation

Calsoft helped a leading technology company by automating the deployment of VMware vCloud Infrastructure Platform for NFV.

Request

SEE OUR BEST WORK

Deployment and Integration of SW components on NOS

Calsoft built an all-inclusive software that could be run on top of a white box switch. The idea was to use open-source components to demonstrate the SW architecture.

Protocol Testing

With the power of customization provided by bare metal, vendors experience increased complexities and likelihood of errors. Calsoft makes it easy by providing testing support for the protocol stack on bare metal switches.

Day 0, Day 1 Deployment Suite

Calsoft helps vendors using bare metal switches with the digital deployment life cycle using the Day 0, Day 1 approach. This approach helps with easy and repeatable deployments, reducing the deployment cycle time and Total Cost of Ownership (TCO).

Dell Red Hat Openstack Platform (RHOSP)

Calsoft assisted the customer in the enhancement of the RHOSP-based NFVi deployment automation.

SEE OUR BEST WORK

Implementation of SOAP-based Management Layer

Calsoft helped the customer solve productivity challenges occurring due to inefficient RPC-based management console.

Request

Firmware Upgrade & Management

Calsoft assists network users and vendors with solutions around regular and timely firmware upgrades, installation, and management. We also help with the provisioning of firmware security updates to keep the network safe from unwanted and unwarranted activities from external & malicious entities.

Related Resources

PODCAST

5G: Network Slicing, Its Management and Orchestration

This podcast will also cover that how does the co-ordination between the Network slice management system and non 3GPP management systems such as Data center network, transport network happen.

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WEBINAR

Significance of Bare Metal in Edge and 5G

Get insights from Calsoft's recently concluded webinar in association with NASSCOM

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Looking back at older computers, do you remember those bulky machines that took hours to process data? Now, we process the same amount of data in split seconds on our…

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Open RAN Challenges and Community Support

This eBrief focuses on the challenges in adopting Open RAN and highlights the role the different technology communities play in eliminating these challenges.

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The 5G Wave – Foreseeing the changes it is bringing along

This document gives the glimpse of the predictions, impacts of the 5G technology.

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Wireless Engineering

Wi-Fi technology has revolutionized the way digital communication happens between Wi-Fi enabled devices (laptops, smartphones, printers). With a humongous addition of devices to networks, the technology also augmented itself with new features and performance requirements enabling the revolution.

We support our customers by setting up end-to-end Wi-Fi networks, helping them to stay ahead of the competition. At the core, we offer expertise in Device Testing, Security Protocols, Performance Engineering, Wi-Fi Certification, Cloud Control, Analytics as part of our wireless engineering services.

Wi-Fi-STA Engineering

Our offerings in this space include protocol testing (802.11a/b/g/n/ac/ax); radio characteristics testing; WAN load/latency tests; client interoperability testing; and Wi-Fi Alliance Certification.

NAS box testing

For this engagement, Calsoft expanded the QA team in a short period without compromising on time & quality; testing was conducted with limited product documentation.

Request

SEE OUR BEST WORK

Cloud based Wi-Fi controller

Calsoft helped the customer build a cloud-based Wi-Fi controller for their Wi-Fi infra products.

Request

Access Point Engineering

Our offerings in this space include protocol testing (802.11a/b/g/n/ac/ax); Wi-Fi security support; configuration from controller; feature validation; performance engineering; deep packet inspection; OSS/BSS; client interoperability testing; and Wi-Fi Alliance Certification.

Cloud Management

Our mature expertise in the cloud space enables us to offer services that include provisioning; performance management; network monitoring; scaling; fault management; and other value-added services.

Network Monitoring Solution

Calsoft enabled network monitoring of Virtual Machines in vSphere environment for the customer, resolving the performance challenges of the Network Filter.

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Page Name: isvs

Finish Faster

Roll out products swiftly for a competitive advantage

Craft High-performance Software Products

We enable product and platform companies to create robust software that gets to the market faster & in a cost-effective manner because of the constant influx of new technology and devices in the market. Adopting digital product engineering services integrated with the latest technologies is thus rapidly becoming the go-to strategy of many organizations. This approach helps in reducing complexities and allows its adopters to pivot easily and quickly to changing market conditions.

Our customers rely on us for our deep focus on core & new-age technologies, continuous innovation, home-bred IPs, unique business models, and mature processes.

Product Engineering

Our software product engineering solutions cover the entire expanse of the product lifecycle—right from designing to deployment. Our deep expertise in product innovation and modifications applies to all stages of product development.

Digital Innovation

Our Digital Transformation solutions keep enterprises abreast of the rapidly changing customer demands and support continuous innovation.

SAAS Engineering

We assist ISVs in devising SaaS strategies with our rich experience in virtualization, and also help with complete Platform Management, Usability Testing, UI Development, User Experience Improvement, and more.

Technology Consulting

We help our customers achieve seamless integration with multiple technologies to gain the maximum business value and a top-notch performance from our offerings.

Industries

Storage

Networking

Virtulization

Cloud

Our Services

Transforming your idea into Reality

Product Engineering

- Product Development
- Product Modernization
- Plug-in Development
- Product Support
- Ecosystem Integration
- Product Testing
- UI/UX Engineering

Digital Innovation

- Cloudification and Virtualization Solutions
- Software-defined Services
- IoT Integration & Data Analytics

SAAS Engineering

- SaaS Enablement
- SaaSOps Support
- Mobile Enablement

Technology Consulting

- ServiceNow Plugin Development, Certification, Security Operations
- AI/ML-enabled Solutions
- Modernization Services

Success Stories

Our expertise for ISVs has matured over a period of two decades. Our innovative approaches help us keep our customers ahead of their competition. See some of our best work in this domain.

Development of Comprehensive Cloud Management Platform

Calsoft assisted a leading cloud company as their development partner for their continuously evolving cloud management platform, helping them with improved performance and enhanced product features.

Request

Curate and deploy machine learning models

Calsoft assisted the customer in maintenance and feature enhancement of Darwin, a tool that helps to build, curate, and deploy machine learning models.

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ServiceNow – Incident Management

Calsoft helped the customer develop and enhance the ServiceNow Incident Management Module, where a plugin enabled the end user to raise requests to minimize the negative impact of service disruption on business operations.

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Digital Innovation

The digital revolution in enterprises is imperative these days to sustain; this transformation is helping customers deliver value and focus on casting a wider net for opportunities. Digital innovation simplifies and optimizes processes, improves productivity, reduces cost, and enhances efficiency. Adopting digital technology to transform legacy practices can be tricky and requires expert assistance to iron out the kinks.

Calsoft's Digital Transformation solutions keep the enterprises abreast of the rapidly changing customer demands and continuous innovation. We assist our customers in automating their business-critical processes to leverage the power of digital innovation and improve their business trajectory.

Cloudification and Virtualization Solutions

Our deep domain expertise in Storage, Networking, Virtualization, and Cloud helps our customers to reap the benefits of these technologies. We assist with end-to-end product engineering and sustaining solutions in these domains in a highly secured environment.

Cloud Gateway to S3 and Azure

Calsoft implemented a cloud gateway to migrate data from traditional storage to cloud seamlessly by integrating with iSCSI target on the premises side.

Request

SEE OUR BEST WORK

Integration of Software Defined Storage for Data Protection Software

Calsoft integrated the customer's Software Defined Storage (SDS) with their Data Protection Software, developed and modified custom SDS plug-in used for communication between the backup software..

Software-defined Services

Software-defined solutions are coming handy for effective resource utilization and saving associated costs. Our Software-defined Services offer one-time or rewritable programmable applications that help in improving the availability, performance, reliability, and security of customers' systems.

IoT Integration

Many businesses are adopting IoT technologies aligning with their digital transformation journey to gain a competitive edge. We strengthen our customers' digital roadmap by helping them with end-to-end IoT business solutions by

strategizing, implementing, and integrating IoT technologies combining with their other IT assets.

Integration with Azure IoT Hub

Calsoft implemented an Azure IoT protocol gateway in Azure using Cloud Services worker roles in on-premises environments.

Request

SEE OUR BEST WORK

Data Lake and Analytics pipeline – Implementation

Calsoft built a solution for data lake and analytics pipeline to help the customer collect large amounts of data from disjointed sources in their manufacturing plant.

Data Analytics

Digitization of business processes produces enormous data. We help our customers in deriving actionable insights from this data to make effective business decisions. Our data analytics solutions work over raw data using various advanced techniques, mechanical processes, and algorithms to help businesses optimize their performance through powerful insights.

Page Name:

Technology Consultancy

The rapid evolution of the technology landscape demands transformation in the existing business processes. Our technology consulting services help customers take control of their transformation journey. We guide in developing a sustainable ecosystem by helping them through the strategy, roadmap, to the development and implementation of the solutions. Our customers leverage our deep domain expertise in new-age technologies to modernize and optimize business processes for better availability, performance, integration, and scalability.

Storage, Networking, Virtualization, and Cloud

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AWS Test Drive for Storage Product

Calsoft assisted a storage equipment manufacturer in creating an AWS test drive for showcasing their product in the AWS environment.

SEE OUR BEST WORK

Development of HF-counter to collect data for Machine Learning

Calsoft developed an OS Independent/Unified Snapshot Solution, which included RAID configuration, helping the customer with quick application instance provisioning from the snapshots.

AI and ML-enabled Solutions

To stay ahead of your competition, it's essential to enable the transformation of legacy applications and systems by integrating the existing models with custom AI and ML solutions. We help in enhancing the existing features of your products to help you gain more value from your data, while keeping costs low.

Modernization Services

Our end-to-end testing solutions leverage advanced testing tools & techniques, and are driven by our passion to deliver top-notch products and services. Our offerings include:

Planning Test Strategy

End-to-end Test Execution

Customer-focused Beta Testing

Test Automation

SEE OUR BEST WORK

UCS OpenStack Installer UI

Calsoft provided a SAAS-based solution to deploy, install & monitor OpenStack services on the Client-UCS platform.

Request

Related Resources

PODCAST

Connection Between AI And Storage

This podcast explains about how AI and storage are connected and in what ways AI is helping Storage solutions

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WEBINAR

Webinar on ServiceMesh Architecture

The webinar presentation focused on the background of service mesh, its working, security aspects, functionalities, business cases, and a demo. Request webinar recording here.

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BLOG

What if you never invested in STaaS

Over the past few years, cloud storage has gone from a niche technology to one used by billions of people worldwide. But some businesses are still resisting the change. Storage…

[Read More](#)

EBRIEF

NVMe: Optimizing Storage for Low Latency and High Throughput

Understand what is NVMe, how it works, features, market players, NVMe over Fabrics, and transport options.

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WHITEPAPER

Digital Disruptions with Cloud Native Development

This HawkEye covers, Why Cloud Native is So Important? Cloud Native Development: Current Market Dynamics, Cloud Native Adoption: Key Trends in 2022 ,The "Cloud-native Disruptive" Potential, Cloud Native Adoption: Challenges.

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Data Center Product Engineering Services

Get Your Business into the Fast Lane

Engineering Services to support Automation, Integration, and Management of Data Center Technologies

Over the past decade, the Data Center sector has gone through rapid changes due to the advent of software-defined & hyperscaled data centers, Cloud, hybrid IT deployments, Edge computing, storage technology innovation, Artificial Intelligence, and more. The push towards software-defined infrastructures is causing the decentralization of data centers from being the playground of large organizations to serving mid-size and small companies provide efficient products and services through lowered CAPEX and OPEX

Server

We assist our customers in end-to-end management of data center servers, which includes management of converged infrastructure, physical servers, operating systems, and virtualization hypervisors.

Storage

Our in-vogue storage engineering services, readymade accelerator IPs, and expertise in SAN/NAS arrays spearhead datacenter transformation.

Networking & Telecom

We assist product companies in developing high-performing and scalable solutions for SDN, SD-WAN, and NFV across a range of network requirements.

Virtulization

We help product ISVs develop next-generation virtualization products across platforms such as VMware ESX, Microsoft Hyper-V, Citrix Xen Server, and Linux KVM.

IOT

Our IoT expertise helps customers leverage benefits like distributed processing and analytics, real-time data processing through Edge computing, easy management of distributed environment through cloud, and more.

AIOPS

Our AI-driven solutions help our customers overcome a wide range of challenges associated with data centers, enabling them to reduce the number of redundant alerts, automate administrative tasks, and address issues on a timely basis.

Container Engineering

We help our customers migrate workloads from traditional application hosting systems to containers while orchestrating them to container engines.

Security

We help organizations with data security services including data protection, endpoint, network, cloud, and cyber security for zero threats and zero downtime.

Our Services

Product Engineering

- System Integration
- Testing & QA
- Deployment & Sustaining
- L1, L2, L3 Support

Infrastructure Automation

- Containerization
- Plugin Development
- DevOps
- CloudOps
- ITOps

- Certification

Monitoring & Management

- CloudOps
- AIOps
- ITSM

Success Stories

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View More

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Page Name:

IT Infrastructure Services

In this Digital Era, an always-on enterprise is the need of the nano-second. The same holds true for the IT infrastructure on which this enterprise is supposed to run. We work closely with our customers, many times as an extension of their own teams, to improve operational efficiency and minimize downtime and costs, with a sharp focus on resource optimization and ROI.

Enterprise Cloud Infrastructure: Design & Validation

Calsoft assisted the customer in designing and validating VMware-based IaaS (Stellar) for SAP HANA workloads to ensure high availability, manageability, and monitoring.

Request

Infrastructure Management

We provide our customers control over functions responsible for diverse technical operations across physical and virtual environments with the aim to make the business more agile, customer-oriented, secure, and ahead of its competitors. Infrastructure Design & Validation

- Datacenter Consolidation
- ITSM/ITOM Integrations
- Cloud Integrations – BaaS, DRaaS & DBaaS
- Application & Data Migration
- AIOPs Support

Network & Security

We support our customers with a well-defined network architecture that can be

easily optimized for availability, performance, and security. Our offerings include:
- Network Design & Validation
- SDN Integrations
- NFV Deployments
- Integrated Identity & Access
- Network Operations Centers
- AWS & Azure Networking
- Network Security

SEE OUR BEST WORK

QA Automation for Network Security product

Calsoft developed a backup & restore tool for the customer to remove their dependency on a Microsoft USMT solution.

Request

SDN Solution: pre-deployment analytics tool

Calsoft assisted the customer in creating a tool for analytics and reports to find cost benefits of NSX deployment in a data center.

Application Management

We assist our customers in managing and improving applications throughout their life cycle. This includes designing, testing, improving app performance, right up to sustaining and end-of-life support. Our offerings include:

- Application Development & QE
- Application Modernization
- Application Lifecycle Management (ALM)
- Containerization & Scaling
- Cloud-native Applications
- Engineering & Production DevOps

Monitoring & Compliance

When competing in an open marketplace, your product is also subject to several

compliances—industry best practices, regulatory mandates, and such. We support

our customers in complying with such regulations. Our offerings include:

- Infrastructure Monitoring
- Integrated Application Monitoring
- Intelligent Log & Performance Analysis
- Resource & Usage Auditing
- Configuration Compliance

SEE OUR BEST WORK

DMTF-SMASH conformance Dev & QA for Server Hardware vendor

Calsoft helped the customer with the development & QA of their server's system management API for conformance with SMASH standards.

SDN Solution: pre-deployment analytics tool

Calsoft assisted the customer in creating a tool for analytics and reports to find cost benefits of NSX deployment in a data center.

IT Automation & Analytics

Calsoft supports its customers with automation of legacy processes to improve efficiency. When automation is clubbed with analytics and a touch of Artificial Intelligence, it facilitates digital transformation in an enterprise. Our offerings in this space are:

- Day 0 – Day N Infrastructure Automation
- Dev, Test & Production Automation
- CI/CD, CD/CD Pipeline
- Data Lakes & Pipelines
- Analysis & Visualization
- Datacenter IoT Platforms

Edge Computing

We help our customers enhance the performance of their Internet devices and web applications by bringing computing closer to the source of data via Edge computing. This not only helps minimize latency for time-sensitive applications, but also helps bring down bandwidth usage and eases network congestion. Our offerings include:

- At-source or On-prem Data Processing
- Temporary Data Storage
- Real-time Data Analysis
- Real-time Action Response
- Communications/Notifications/Messaging

SEE OUR BEST WORK

Edge Computing IoT Application using EdgeXFoundry

Calsoft created a PoC on the EdgeX Foundry stack, which handles virtual application devices and helps collect information for analysis in different business cases.

Request

Related Resources

PODCAST

Product Development the Behavior Driven Way

Business leaders are in a tough spot to roll out products in a timely fashion with high quality or risk losing market share. Technology ever changing has simultaneously enforced a change in product development methods.

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Webinar on ServiceMesh Architecture

The webinar presentation focused on the background of service mesh, its working, security aspects, functionalities, business cases, and a demo.

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BLOG

Distributed Application Architecture for Edge-Based Service Delivery

This article is originally published on TheNewStack. We are re-publishing it here. Software-based services delivered to endpoints are composed of different sub-application components. Currently, any such services are using typical…

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EBRIEF

Microservices: Software Architecture for Faster Time to Market and Advanced Delivery of Services

To highlight the potential of microservices to disrupt the competitive growth of every businesses and help understand the key technical specification, we have constructed this ebook. In this ebook we will cover: Microservices Basics, Features, Characteristics, and the Microservice Architecture's Business Benefits.

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HAWKEYE

Why Containerize Traditional Application

This document features the evolution, trends, benefits, and drawbacks of using Container technology and explains why we need to modernize traditional applications with the help of this technology.

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Automation & Integration

Businesses worldwide are adopting automation strategies to stay ahead of the competition. Automation need not be restricted to robots taking over human tasks. Instead, it's an approach where time-consuming processes can be automated, saving on costs in the long run. Apart from the clear cost benefit, automation and integrations with productivity enhancing tools can make operations accurate and consistent, and even reduce employee attrition when monotonous tasks are taken out of the equation! As part of our Automation & Integration expertise, we help our customers in analyzing existing systems and finding gaps that can be addressed by automation and integration.

Infrastructure Automation

Automation replaces manual efforts, drastically reducing the time taken to deploy thousands of servers while simultaneously removing configuration errors, and enabling organizations to build and use test environments that are exact copies of production. Our offerings include:

- End-to-end Automation
- Deployment Automation
- Deployment Environments
- Framework Development
- Performance Enhancement
- Day-0/Day-N Operations
- GUI Automation
- VMware vRA/vRO Automation
- Automation of Storage Resources
- Database Management
- Microservices Deployment for Cloud

Plugin-ServiceNow Integration

Calsoft developed a ServiceNow plugin for the customer's platform to enable application provisioning and infrastructure automation based on AD/LDAP configuration.

Request

ServiceNow Plugin for vRealize Automation

Calsoft developed a ServiceNow plugin to enable provisioning of vRA resources from the ServiceNow platform for VMware.

Request

ServiceNow

ServiceNow is an enterprise cloud platform providing service management Software-as-a-Service such as – IT Service Management, IT Operations Management, IT Business Management. Our SNOW offerings include:

Asset Discovery & Inventory Management

ServiceNow Security Operations

ServiceNow Certification

Strategic Support for Existing & New Implementations

vRO plugin development for Flash Array

Calsoft helped the customer develop a vRO plugin, along with its Quality Assurance and Certification.

Request

Certification

Certified products ensure compatibility across platforms, servers, storage, and key applications. Certification also assures end customers about product quality and ultimately helps increase opportunities for generating revenue. Calsoft has assisted multiple customers across various domains in getting their products certified for different environments, making their products market-ready in an efficient manner. We offer certification support for the following technologies:

ServiceNow

VMware

Microsoft

Citrix

Related Resources

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Page Name: retail

Retail Transformation Through Data-powered Innovation

We are here to accelerate your transformation journey

Drive A Digital Retelling of Retail

In the times of Digital, the modern approach to Retail is all about automation, optimization, streamlined & AI-driven operations, digital transformation, and minimal human intervention. The world of retail is rapidly moving online, leading to an upsurge of data across various functions. Enterprises are increasingly embracing trending technologies such as predictive analytics, IoT, digital payments, AI & chatbots, inventory management tools, AR & VR, CRM tools, geolocation, and more.

Calsoft, with its deep domain expertise and established processes, provides targeted solutions that are both secure and smart, to help Retailers digitally transform the way they do business. **Our digital expertise helps retailers in:**

1. Capturing digital & omnichannel revenue growth
2. Establishing data-driven & customer-centric business
3. Driving operational improvement using the latest intelligent tools & techniques

Our Offerings

Always on Digital Experience

Reinforce your digital presence by creating an always-on digital experience for your customers. Get expert assistance in developing an e−commerce platform and get consultation related to omnichannel solutions.

Product Discovery Across Channels

Develop a unified platform to enhance product search and discovery for engaging & hyper-personalized customer experience. Our differentiator solutions help in enabling intelligent product discovery systems with the help of the latest tech such as smart analytics, image recognition, AI/ML, and more.

Customer Data Platform Management

Get help to integrate your consumer data, perform, in-depth data analysis, develop a system to visualize the analyzed data, and leverage insights to drive customer-centric and consumer-behavior driven promotions for better reach and business growth.

Unified CEM

Efficiently track, monitor, and manage every interaction of your organization with your end customers throughout the customer life cycle to drive brand loyalty and repeat business.

Loyalty Analytics

Develop robust cloud native applications with strong compute, storage, connectivity, and new-age capabilities. We support our customers with Microservices implementations, containerization, service mesh implementation, serverless applications, and more.

Cloud Native Development

Develop robust cloud native applications with strong compute, storage, connectivity, and new-age capabilities. We support our customers with Microservices implementations, containerization, service mesh implementation, serverless applications, and more.

Data Transformation

Transform your data into an asset with our data transformation services. We help with data lake creation and management, cleaning of data, where we help with the categorization, sorting & cleaning of data, data integration, and data management using a plethora of native platforms such as Google Cloud ETL Tools, and more.

Data Visualization

Create interactive and interesting visuals to represent your data and maximize the possibilities to extract intelligent insights. Our data visualization experts can help you streamline and communicate your data better.

Data Monetization

Generate high-value and actionable insights from data to obtain quantifiable economic benefits. Get expert support to create insightful dashboards, for processing data in real-time, and implement the right identity and access management framework to provide your customers access to the insights extracted from this real-time data processing.

Data Quality Management

Leverage data quality tools that automate the process of finding and correcting the inconsistencies in the data sets that power your business.

AL/ML Engineering

Make the best of our Artificial Intelligence & Machine Learning expertise that helps digital natives with strategy consulting, project implementation, and managed analytics in the areas of data engineering, data science, bots & platforms, AIOps, and AI workload management.

Mobility

Digital transformation brings in ubiquitous mobility in terms of applications, knowledge, and products. Operator panels to supply chain dashboards are all moved to personal and enterprise devices.

CLOUDOPS & DEVOPS

Leverage our operational procedures to optimize the usage of IT services within the cloud environment. Our offerings include CI/CD integration, automated provisioning & orchestration, CloudOps management, DevOps implementation, Cloud Security, Backup, Recovery, HA, & DR Configurations, Cloud Service Brokerage, and more.

Data Ingestion

Get full assistance to create and manage data lake effectively all while ingesting data in real-time. We help you build robust and holistic data strategies and help batch loading or streaming of data from various sources and further build pipelines as required. Our data experts are well-versed with various ingestion processes such as GCP ingestion services, and more.

Internet of Things(IOT)

Leverage IoT for instore tracking and for efficiently managing & safeguarding your inventory using advanced inventory management software, predictive picking driven by AI, data analytics, and more.

Our Services

Transforming your idea into Reality

Infrastructure Modernization
VM Migration; VMware as a Service, Infrastructure Automation

Application Modernization
Application modernization,Cloud Native App Development,Serverless Application Development,Microservices Development

Smart Analytics
Data Ingestion,Data lake creation and Management,Data Transformation,AI/ML engineering,Visualization

IOT Solutions
Sensor Integration, Platform Development, Application Development & Integration

Data Storage & security
Data Archival and backup, Cloud Data protection, VM and Container security, Network & Application Security

CLOUDOPS
Hybrid Cloud management, Monitoring & management of Cloud OPS, CI/CD and DevOps, Containerization

DEVOPS
Day 0 – Day 1 Automation, DevSecOps, Cloud Migration, DevOps Product Engineering, Enterprise DevOps

UX Design & UI Development
Sensor Integration, Platform Development, Application Development & Integration

Page Name:

Smart Retail

We believe in leveraging the power of cutting-edge smart technologies to empower our Retail customers. Our smart retail solutions help optimize the shopping experience for the end users and improve efficiency by keeping the trust factor intact. Our analytics solutions enable retailers to make business-critical decisions using actionable insights and provide a uniform and delightful user experience.

Customer Analytics

Make business-critical decisions easily, using our data analytics solutions. Our customer mapping and analytics solutions help determine customer behaviour based on user data, leading to streamlined customer relationship management and a targeted marketing approach.

Fraud Detection

Our storage resiliency offerings include RAID, replication, and mirroring.

Inventory Optimization

We support our customers with provisioning for physical and virtual infrastructure, using any of the vendor-provided mechanisms (SMI-S, VAAI, OpenStack Cinder, Ceph, etc.).

IoT-enabled Tracking

Our specialists assist retailers in enhancing the customer experience and improving efficiency by optimizing business processes using IoT. IoT in retail helps keep track

of first-time shoppers, customize online offerings as per shoppers' preferences, enable sensor-enabled product maintenance, and much more.

Related Resources

Connection Between AI And Storage

This podcast explains about how AI and storage are connected and in what ways AI is helping Storage solutions

Listen Here

Webinar on ServiceMesh Architecture

The webinar presentation focused on the background of service mesh, its working, security aspects, functionalities, business cases, and a demo. Request webinar recording here.

Request Recording

What if you never invested in STaaS

Over the past few years, cloud storage has gone from a niche technology to one used by billions of people worldwide. But some businesses are still resisting the change. Storage…

Read More

NVMe: Optimizing Storage for Low Latency and High Throughput

Understand what is NVMe, how it works, features, market players, NVMe over Fabrics, and transport options.

Download

Digital Disruptions with Cloud Native Development

This HawkEye covers, Why Cloud Native is So Important? Cloud Native Development: Current Market Dynamics, Cloud Native Adoption: Key Trends in 2022 ,The "Cloud-native Disruptive" Potential, Cloud Native Adoption: Challenges.

Download

Page Name: digital-native

Digital Native but not a Technoid?

Not to worry, our digital experts got your back

Elevating Digital Experience, Integration & Security For Better Customer Experience.

The digital transformation wave is growing stronger and wider giving birth to more and more digital natives and digital immigrants. Digital natives essentially cover a wider range of industries, including retail, financial services, gaming, media and entertainment, technology, and even automotive and transportation. The primary condition of continuous online presence and real-time data processing is fostering inexorable system complexities. Calsoft is at the forefront with several years of experience in Cloud Engineering, AI/ML solutions, Data Analytics, IoT, Virtualization, Mobility, and other digital toolboxes, transforming industries. Our

partnership with the best technology innovators such as Google Cloud, AWS, Microsoft, VMware, ServiceNow, VMware, Citrix, and many others makes us a well-rooted and connected services partner. Our matured digital services and technology know-hows blend well with the passion and innovation of digital native enterprises. Our digital experts have also assisted many digital immigrants to migrate to the new digital model and make the best of what it has to offer.

Our Offering In Digital Native

Cloud Native Development

Develop robust cloud-native applications with strong computing, storage, connectivity, and new-age capabilities. We support our customers with Microservices implementations, containerization, service mesh implementation, serverless applications, and more.

CloudOps & DevOps

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Data Visualization

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Digital Collaboration

Accelerate digital collaboration with seamless integration of cloud-based applications & platforms, improve network and endpoint security, bring in the flavor of AIOps, and manage it efficiently with our tailored offerings.

We enable Digital Native Brands with

Digital Platform Development & Management

- New Product/Platform Development
- App modernization
- Infrastructure Modernization
- CloudOps & DevOps

Differentiating with Data

- Improve customer experience
  - Increase conversion
  - Drive loyalty and engagement
  - Be responsive to changing customer expectations
- Improve Operational Efficiency
  - Intelligent Automation
  - Predictive Analytics

Monetize Data

- Generate high-value, actionable insights from data
- Provide clients with real-time access
- Create new service offerings by selling insights

Page Name: digital-transformation-for-manufacturing

Digital Transformation for Manufacturing | IoT | Cloud | AI/ML

Digital Transformation Services for Manufacturing Industry

The manufacturing industry is rapidly evolving, and digital transformation is necessary to remain competitive. Our IT and technology solutions for digital manufacturing help them evolve from traditional manufacturing to new-age manufacturing.

Our team of experienced professionals has a deep understanding of the manufacturing industry, and its digital transformation needs. We provide innovative solutions that help our customers attain smart factory goals.

Expertise in digital platform & application development, testing, modernization, cloud solutions, and AI/ML helps our customers stay ahead of the competition by bringing visibility, intelligence, control, predictability, security, and efficiency to the traditional manufacturing setup.

Our partnership with Microsoft, AWS, Software AG, MindSphere, ServiceNow, and Snowflake helps us in driving digital transformation for our manufacturing customers.

Using IoT, Cloud, and AI/ML to Drive Smart Factory & Industry 4.0 Initiatives

IoT Services

Drive digital transformation & IIoT by developing, and managing IoT solutions with Calsoft

- IoT Sensor Communication

- Device Management

- Edge to Cloud Solutions

- IoT Platform and Application Development

- Security Services

Know more about our IoT Services >>

Cloud Services

Enhance flexibility and efficiency by upgrading the factory with cloud-based systems

- Cloud Enablement & Migration

- Cloud Native Development

- Containerization & CI/CD Implementation

- CloudOps Management

- Automated provisioning

Know more about our Cloud Services >>

Data Analytics & AI/ML

Embed the power of analytics with Calsoft's intelligent data analytics services

- Data Migration & Ingestion

- Data Lake Creation and Management

- Data Transformation

- AI/ML Engineering

- Visualization

Know more about our AI/ML Services >>

Calsoft's Technology & Services Capabilities

Digital Solutions

Build, develop, and manage digital solutions with Calsoft for efficient production and operations.

-Software Product Engineering

-Cloud & IoT Solutions

-Application Modernization

-Mobile Development

-Testing and QA

- SRE & DevOps

IT Support & Services

Calsoft's IT support and services extend from enterprise data centers to Cloud operations management.

-IT Services & Operations Management (ServiceNow)

-Cloud & Infrastructure Management & Monitoring

-Cloud Security & Cybersecurity

- NOC & SOC management

- L2 & L3 support

Intelligent Automation

Enhance productivity and operations by embedding intelligence, analytics, and automation.

-RPA

-Data & AI/ML Solutions

-Predictive Analytics

-Business Intelligence & Reporting

Explore the Boundless Possibilities of the Smart Manufacturing with these Use Cases

Supply chain optimization

Smart factories can leverage IoT sensors and data analytics to monitor the entire supply chain, identifying bottlenecks and optimizing processes to improve efficiency and reduce costs.

Inventory management

By using real-time data from sensors and RFID tags, manufacturers can track inventory levels and optimize the supply chain to reduce waste and improve efficiency.

Asset tracking

By using IoT sensors and RFID tags, manufacturers can track the location and usage of equipment and tools, helping to reduce loss and theft.

Intelligent automation

By using IoT sensors and AI algorithms, manufacturers can monitor machines in real-time to identify potential issues before they occur, and schedule maintenance accordingly. This can help reduce downtime and repair costs.

Quality control

Smart factories can leverage AI-powered visual inspection systems to identify defects or anomalies in products and raw materials, helping to improve quality control and reduce waste.

Production optimization

Smart factories can use AI algorithms to optimize production schedules and reduce cycle times, helping to increase throughput and efficiency.

Energy management

Smart factories can use sensors and data analytics to monitor energy usage, identify inefficiencies, and optimize energy consumption to reduce costs and improve sustainability.

Worker safety

By using IoT sensors and wearables, manufacturers can monitor worker health and safety in real-time, identifying potential hazards and alerting workers to potential risks.

Digital twin

Smart factories can use digital twin technology to create virtual models of production processes and optimize them using simulations, helping to reduce costs and improve quality.

Customer experience

Smart factories can use data analytics and AI to personalize products and services, improving the customer experience and increasing customer loyalty.

Meet Accelerato.ai – the new-age cloud-based analytics platform

Our new-age cloud-based data analytics platform improves business outcomes at scale with data science.

In a post-pandemic world, large enterprises and organizations are rapidly innovating digitally to stay ahead of any unforeseen challenges. As a result, the data consumed every day is growing exponentially.

With each passing day, the volumes of data generated add another layer of complexity, creating a huge data backlog. Calsoft's Accelerato.ai platform enables you to solve your business problems at scale and automate the business processes through our Machine Learning algorithms.

Page Name: coes

Center of Excellence

STORAGE

Our core storage expertise is crucial for designing, building and maintaining your enterprise infrastructure to store and process data.

DATA PLATFORMS GUILD

We are experts in helping you intelligently integrate multiple data platforms to meet your end-to-end business data needs and empower your business analytics.

NETWORKING & TELECOM

With a very thorough knowledge of various types of networks such as LAN, WAN, SD-WAN, and WLAN, we help create advanced capabilities for CSPs.

KUBERNETES

More than 100+ specialists on K8s make our teams the best workforce to customize, manage, and orchestrate Kubernetes containerization.

CLOUD

From strategizing to integration, and then implementation – our experts make your journey to the cloud smooth and seamless.

MOZAIC

We deliver agile ways of transforming enterprises digitally with our range of Mozaic solutions, tools, and frameworks.

Internet of Things (IoT) Services & Solutions

IoT has been silently transforming the way industries work. Nowadays, IoT is not seen as an initiative as they are no longer driven by the need for internal operational improvements, but also driven by the need of information technology overhaul that is taking place over the due course.

Our IoT services portfolio is comprehensive and designed to cater to the diverse needs of our clients. We offer services such as IoT sensor communication, device management, edge and gateway development, edge-to-cloud solutions, IoT platform, and application development, integration services, security services, and IoT data analytics.

Calsoft Offers Intelligent Frameworks and Digital Services to Deliver IoT-Powered Solutions

IoT Sensor Communication

Design and develop custom communication protocols with our expertise in communication protocols that can be deployed on top of highly efficient and reliable sensors.

We offer:

- End-to-end sensor communication solutions
- Design and development of custom communication protocols
- Integration with IoT platforms

Device Management

Onboard and manage hundreds and thousands of IoT devices in a complex IoT ecosystem with our device management services.

We offer:

- Device provisioning
- Firmware updates
- Remote device management

Edge and Gateway Development

Process data at the edge and reduce latency without edge and gateway development services for highly optimized performance.

We offer:

- Building custom gateways ranging from enterprise-class distributed edge to consumer-class
- Microcontroller-based and purpose-built sensor concentrators
- Custom Embedded Software Solution Development

Edge-to-Cloud Solutions

Seamlessly transfer data from the edge to the cloud with our edge-to-cloud solutions

We offer:

- Ecosystem Integration
- Application Performance Interface Development
- Infrastructure Performance Management

IoT Platform and Application Development

Build highly customized platforms that meet your business-specific requirements with our IoT platform and application development services, so that you can develop and monitor assets through platforms remotely, and

We offer:

- Digital Platform Development
- Application Modernization
- Platform Integration

Data Management and Analytics

Gain insights for better decision-making with our IoT data analytics services, including data visualization, predictive analytics, and more.

We offer:

- Data Management
- Data Analytics
- Data Visualization

Our Partnership Ecosystem

Over the year we have forged a strong ecosystem of partnerships with major players in the IoT industry, such as AWS, Microsoft, Software AG CumulosityCumulocity, and Siemens MindSphere. These partnerships enable us to leverage their technology and expertise to deliver world-class IoT solutions to our clients.

Resources

Success Stories

Solving Resiliency issues of a Production Micro-mobility Platform

Success Stories

Development of an IoT Platform for E-bikes in the Shared Mobility space

Success Stories

Continuous Engineering for a Fleet Management Company with Azure IoT Hub

Click here to request the success stories

Storage Solutions That power the Innovation

Our Intelligent offering help to extract maximum value out of your storage installations

STORAGE COE

- **Strong, focused, and experienced leadership**
- **Top storage companies as marquee customers**
- **Featured as 'Top Fastest Growing Storage Company'**
- **Emphasis on culture of Innovation**

The Calsoft Networking & Telecom COE has been consistently delivering well-crafted solutions to meet the changing networking needs of customers. Here are some prominent statistics.

7+

Fortune 500 customers from the Data Center domain

1,000+

Data center experts

800+

Engineering projects cutting across Storage, Virtualization, Cloud, and Networking

23+

Years of experience of working with storage leaders

Our Offering in Storage

SSD/FLASH

Examine and optimize your entire I/O path for high performance, endurance, and reliability.

CLOUD STORAGE

Cloud is the driver of disruption. We help cloud storage providers develop advanced storage solutions and custom APIs.

SOFTWARE DEFINED STORAGE

Leverage our enterprise-class data storage management solutions to manage, protect, access, and restore your business data.

HCI

Rapidly design, develop, and deploy products while maintaining storage resiliency, optimal levels of data security, and more

DATA PROTECTION

We offer backup & recovery solutions for a wide range of workload needs for present-day requirements as well as future loads.

DATA DE-DUPLICATION

Solutions that protect a wide range of environments, right from small distributed offices to the largest enterprise data centers.

Speed Up with MOZAIC

The Calsoft Networking & Telecom COE has been consistently delivering well-crafted solutions to meet the changing networking needs of customers. Here are some prominent statistics.

MOZAICFAST+

For Modern-day technology start-ups & stealth modes

End-to-end services from ideation to product launch for aspiring startups across Networking & Telecom, E-commerce, FinTech, Media & Entertainment, EduTech, and other industries.

MOZAICFORWARD+

For emerging ISVs

Digital & Cloud-first strategies, business consulting, and more for up-and-coming ISVs across domains like Networking & Telecom, Storage, IT, Retail, FinTech, and others.

MOZAICDISRUPT+

For mature product & platform vendors

Platform modernization, digital strategies, technology consulting, and more for matured vendors across a host of industries such as FinTech, E-commerce, Networking & Telecom, IT, and others.

MOZAICTRANSFORM+

For established market players

Digital Transformation Lab, platform advisory services, cloud frameworks, and much more for established entities seeking to expand their universe across domains like Networking & Telecom, Media & Entertainment, Retail, FinTech, and others.

What's under the Hood

We support enterprises with strategy consulting, project implementation, and managed analytics across these areas.

Product Development

Our product development offerings include product innovation, re-engineering, customization, optimization, and migration. We work with our customers to design and deliver intelligent products, resulting in optimized R&D investments.

Automation & Integration

Calsoft offers end-to-end testing solutions using advanced testing techniques and tools, driven by a passion for quality engineering, beta testing, and behavior-driven testing to deliver top-notch products and services.

Quality Assurance

Incorporate AI & ML algorithms into your IT processes for optimal resource allocation, reduced downtimes, and faster query resolution.

Sustaining & Support

Calsoft's Product Sustenance & Support Engineering team acknowledges the importance of time and efforts towards business-critical processes and has been managing and supporting product lines for some of the leading companies across the globe.

Cloud Engineering

Cloud forms the foundational aspect of any digital transformation strategy. To sustain growth, cloud service providers need to build storage that is extremely scalable and cost-efficient.

Devops

Calsoft's large pool of DevOps consultants has created a dedicated Center of Excellence to accelerate DevOps implementations and improve the speed, quality, and security of application delivery for our customers.

Accelerators

Generic Cloud Interface

Emulators

Calsoft M365 Plugin

Explore

Want to know more about our storage offerings?

Download our detailed brochure.
Download Now

Page Name: data-platforms-guild

Data Platforms Guild To Empower Business Analytics

Our Experts intelligently integrate Multiple data platform to meet your end-to-end data needs.

Data Platform Guild COE

- **Strong, focused, and experienced leadership**
- **Globally leading enterprise customers in tech, manufacturing, retail, government and other sectors**
- **Seamless and smart data platform integrations**
- **Culturing innovation**

Our Strength in Number

3+

Fortune 500 Companies

80+

Data Engineers and Data Analysts

250+

Successful Projects

10+

Years of Experience

Communities of Practice

Data Governance & Data Quality Management

Our DG-DQM practice is top of the line and has contributed to the maturity of our offerings. From using data catalogs to active metadata management, from data lineage solutions to federated data quality management platforms, we combine process consulting expertise with rich experience in development of bespoke solutions that are easy to manage and assured to be interoperable with your legacy and modern data platforms.

Cloud Data Platforms

Our CoP for Cloud Data Platforms is powered by our expertise and backed by our partnerships with Microsoft, Amazon, Google and Snowflake. Our accelerators enable rapid development, deployment and automation of cloud-native as well as traditional data infrastructure on the cloud using CI/CD and IaC tools in a DataOps setup, in both Data Mesh and Data Fabric-style enterprise architectures.

Modern Data Stack CoP

Our Modern Data Stack CoP is focused on a collection of maturing analytics technologies commonly identified as the Modern Data Stack, and built for scalability, reliability, extensibility and interoperability – Snowflake, BigQuery, Redshift, Databricks, dbt, Looker, Tableau, PowerBI, Hevo, Alation and a host of other tools and custom integration solutions.

Data Warehousing & Business Intelligence

From Kimball-style data warehouses to traditional ETLs to BI & reporting tools, our foundations run deep in the traditional BI-DW space with expertise on technologies such as the Microsoft BI stack (SQL Server, SSIS, SSRS, SSAS), Oracle OBIEE, IBM Infosphere, Informatica, Talend and others.

Industry Verticals

MANUFACTURING

RETAIL & E-COMMERCE

TELECOM & NETWORKING

STORAGE AND DATA CENTER

Page Name: networking-telecom

Make The Growth Connection

Modernize your network with our next-gen Networking & Telecom offerings and stay attuned to the shifting market wavelengths.

Networking & Telecom COE

Strong, focused, and experienced leadership

Top storage companies as marquee customers
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Our Offering in Networking & Telecom

NETWORK AUTOMATION

Leverage our automation services such as network provisioning & configuration, service orchestration, advanced monitoring features, embedding AI for analytics, and more.

EDGE COMPUTING

Partner with us to analyze data at the edge, reduce latency, enhance security, and improve bandwidth utilization.

SECURITY & MONITORING

We develop network monitoring products that reach into physical and virtual environments. Our offerings include Data Services Integration, Endpoint Security, Container Security, and more.

NFV

We design and develop solutions across NFV technologies to simplify network operations.

CONTAINERS & MICROSERVICES

We support customers with Application Modernization, Container Orchestration, Integrations, Container Security, and more.

SDN

Manage your networks and devices with our expertise comprising Design, Development, Integration, Deployment, Testing, and more.

SD-WAN

We develop software modules to enhance SD-WAN vendors' ongoing development efforts and enable compliance with existing Network, Virtualization & Cloud platforms.

BARE METAL SWITCHES

We help with customizing switches, developing and testing specific network components, and managing them.

WIRELESS ENGINEERING

We support customers with Device Testing, Security Protocols, Performance Engineering, Wi-Fi Certification, Cloud Control, Real-time Analytics, and more.

TELCO CLOUD

We combine the best of virtual programmable infrastructure with cloud platforms and business practices to build resilient networks.

NETWORKOPS

We ensure smooth network operations through network monitoring & management, and 24X7 NOC support.

BIG DATA SOLUTIONS

Our solutions help networks with data-driven & actionable insights that drive better performance, enhance security, and reduce latency.

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Accelerator IPs

Generic Cloud Interface

Emulators

Calsoft M365 Plugin

Explore

Page Name: kubernetes

Kubernetes Engineering Services

Organizations widely resort to using Kubernetes as an enabler in their Digital Transformation journey. Connect with our

Our Services

Kubernetes Implementations to kno

Assessment: We help in assessing the current infrastructure workflows and workloads for helping organizations become Kubernetes-ready and to proceed with a successful production-grade Kubernetes implementation.

POC Development: We develop POCs for Kubernetes deployment aligned to customer infrastructure needs and help with training operators.

Application Modernization: We help with creating an implementation strategy to move current workloads to containerized & microservices architecture that uses Kubernetes as orchestrator engine.

Fine-tune Operations & Deployment: We help in identifying steps to ensure smooth cluster operations, container deployment in small-to-large-scale Kubernetes instances.

Plugin Development

We help in the development of communication interfaces between internal and external storage and networking modules in an application. This includes CNI and CSI plug-ins for easy interoperability, and traffic and cluster management.

- Container Networking Interface (CNI) plugin development, Project Calico to implement container networking
- Container Storage Interface (CSI) plugin development, use of Velero for data protection and management.

Kubernetes Security

Kubernetes is often confused as a container security tool, but it is a container orchestration tool. For Kubernetes security, we need to integrate other tools to secure the containers, servers, and detect any malicious activities and attacks.

We help customers with

1. Kubernetes CIS Benchmarking for Cluster Security
2. Pod Security Policies Implementation
3. Node Security
4. Best Practices

CRDs & Operators Development

We help our customers with:

- Writing custom resource (CRD or Aggregated API) to extend Kubernetes API in cluster
- Writing customer operators for custom resources (CRDs) that help in managing applications and their components.

Kubernetes Distribution Best Practices

We leverage our deep engineering expertise to help customers in integrating the Kubernetes distributions in their IT architectures and solutions.

Our key focus areas for Kubernetes distributions are:

- K3S
- KubEdge
- Kubelr
- KubeFlow
- MicroK8S

Data Management

Calsoft offers full-fledged Kubernetes engineering support that utilizes CSI interface driver and customized best practices in the following areas:

- Calsoft guarantees faster release times and robust solutioning owing to its comprehensive experience in the Data Protection space along with a deep expertise of K8s native constructs, Container Storage Interface (CSI), and data management tools like Velero, OpenEBS, and more.
- We provide integration with opensource data protection solutions like Velero plugins for storage to support use cases like application-consistent backup/restore, workload migration, and more.

STORAGE

- ENABLES CLOUD NATIVE STORAGE: CEPH & ROOK
- DATA MANAGEMENT: DR & BACKUP – CSI, VELERO
- CLOUD ATTACHED STORAGE: OPENEBS

NETWORKING & TELECOM

- CONTAINER NETWORKING INTERFACES (CNI)
- TELECOM WORKLOADS ORCHESTRATION
- KUBERNETES FOR EDGE APPLICATIONS & WORKLOADS

AI/ML

- GPU SUPPORT FOR AI ANALYSIS AT THE EDGE
- DEEP LEARNING ALGORITHMS
- AI/ML WORKLOADS ORCHESTRATION

Kubernetes Webinar

- [Significance of Bare Metal in Edge and 5G](#)

- [Un-meshing the Functionalities of Service Mesh](#)

Read More News

eBrief

A Deep-dive into Kubernetes for Edge

eBrief

Kubernetes Security: A Primer Guide

eBrief

Kubernetes Storage for Stateful and Stateless Workloads

Page Name: cloud-coe

Let Cloud Be the Wind Beneath Your Digital Wings

Empowering enterprises with cloud enablement and related services to accelerate their growth journey

Cloud Solutions

INFRASTRUCTURE MODERNIZATION

VM Migration, VMware as a Service, Infrastructure Automation

APPLICATION MODERNIZATION

Application Migration, Legacy Application modernization, Cloud Native App Development

DATA MANAGEMENT

Database Migration and Modernization, Data Quality Management

SMART ANALYTICS

Data Ingestion, Data lake creation, and Management, Data Transformation, AI/ML engineering, Visualization

Industry Solutions

RETAIL & CPG
CUSTOMER DATA PLATFORM, PRODUCT ANALYTICS, OPERATIONS ANALYTICSRETAIL & CPG

Customer Data Platform, Product Analytics, Operations Analytics

NETWORKING & TELECOM
DIGITAL PRODUCT ENGINEERING, TELCO CLOUD, 5G/EDGE SOLUTION DEVELOPMENT

FINANCIAL SERVICES
CLOUD NATIVE DEVELOPMENT, FRAUD ANALYTICS, CONVERSATIONAL AI & NLP, CONTACT CENTER AUTOMATION, OPEN BANKING

MANUFACTURING & INDUSTRY 4.0
CONNECTED THINGS, EMBEDDED SYSTEMS, IIOT SERVICES, DIGITAL INDUSTRY SOLUTION, DIGITAL TWINS

Speed Up With Mozaic

The Calsoft Networking & Telecom COE has been consistently delivering well-crafted solutions to meet the changing networking needs of customers. Here are some prominent statistics.

MOZAICFAST+

For Modern-day technology start-ups & stealth modes

End-to-end services from ideation to product launch for aspiring startups across Networking & Telecom, E-commerce, FinTech, Media & Entertainment, EduTech, and other industries.

MOZAICFORWARD+

For emerging ISVs

Digital & Cloud-first strategies, business consulting, and more for up-and-coming ISVs across domains like Networking & Telecom, Storage, IT, Retail, FinTech, and others.

MOZAICDISRUPT+

For mature product & platform vendors

Platform modernization, digital strategies, technology consulting, and more for matured vendors across a host of industries such as FinTech, E-commerce, Networking & Telecom, IT, and others.

MOZAICTRANSFORM+

For established market players

Digital Transformation Lab, platform advisory services, cloud frameworks, and much more for established entities seeking to expand their universe across domains like Networking & Telecom, Media & Entertainment, Retail, FinTech, and others.

What's Under The Hood

We support enterprises with strategy consulting, project implementation, and managed analytics across these areas.

Private Cloud

Our IT and cloud experts assist in enabling a private cloud model-based IT infrastructure with an add-on of data recovery and backup solutions

Public Cloud

Choose your choice of cloud from platforms such as Amazon Web Services (AWS), Microsoft Azure, and Google Cloud and get expert help in enablement & integration

Cloud Security

We support our customers with Microservices implementations, containerization, service mesh implementation, serverless applications, and more

Accelerator IPs

Generic Cloud Interface

Emulators

Calsoft M365 Plugin

Explore

Download this insightful brochure covering Calsoft's offerings around Cloud Technologies

Download our detailed brochure.

Download Brochure

Partnering for Accelerator Digital Product Development

We know how critical it is for your ideas to reach your customers before anyone else! Build your solutions with us without compromising on speed, scale, innovation, or quality.

WHAT IS CALSOFT MOZAIC?

A framework curated out of 22 years of Product Engineering & Business Consulting experience

A one-stop shop offering agile & intuitive solutions for modern-day ISVs & Product Companies to take the next giant leap

Delivering digital transformation, intelligent engineering, and future-ready services

Download Brochure

Our offering

MOZAICFAST+

For Modern-day technology start-ups & stealth modes

End-to-end services from ideation to product launch for aspiring startups across Networking & Telecom, E-commerce, FinTech, Media & Entertainment, EduTech, and other industries.

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Cloud Data Protection – Need of the Hour

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In this video, speaker is expounding about how we can eliminate redundant copies of data & reduce the storage overhead using File & Block level De-duplication.

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Mobile EPC Network – A High-Level Design in NFV Cloud

In this video, Pavan is fundamentally talking about how a packet core is deployed on cloud in an NFV system.

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Engineering Smart Products

When Dr. Anupam Bhide and Sharmila Bhide started Calsoft in 1998, they had a vision. A vision of creating a company that rewarded innovation and expertise, a vision of building brilliant solutions, and above all, a vision of a company with heart.

Today, we have grown far beyond our beginning. With offices in multiple countries, thousands of innovators, and a customer list containing Fortune 500 companies, we have built a globe-spanning company. We have developed our expertise in number of domains, we have provided thousands of solutions, and we have polished our Centers of Excellence, all for you!

we harness strength of our multi-disciplinary teams

Our value

Innovation powers everything that we do at Calsoft. As a "Technology First" company, we try to find new ways to solve our customers' problems. Our advanced product engineering and disruptive digital solutions help global ISVs and enterprises to quickly pivot to changing market dynamics. We focus on Engineering R&D, Digital Transformation, Data Center Product Engineering, and Enterprise solutions for Fortune 100 and 500 entities, mid-sized players, and start-ups across verticals.

Our vision

Here at Calsoft, we wish to use our skills and expertise to help companies build their dreams. So, we have defined our values to help others achieve greater success. Ownership, innovation, integrity, excellence, team spirit, and customer focus – all of them will be bent towards helping everyone succeed!

Our mission

As a "Technology First" company, our mission is to find new ways to solve our customer's problems. We use our agility, technological innovation, and core engineering expertise to help our customers achieve their business goals. Our culture, our values, and our vision are all directed towards the goal of helping companies of all sizes adjust to changing market dynamics.

25+

Years of experience of working with top Networking companies

11+

Fortune 500 customers from the Data Center domain

1,000+

Data Center Experts and Engineers

800+

Engineering projects cutting across Storage, Networking, Virtualization, and Cloud

Calsoft Timeline

Datacenter Technology

Product Engineering Services across Storage, Networking & Virtualization.

1998

New-age Datacenter and HCI

SDx and Hyper-Converged Infrastructure Solution.

2002

Cloud

Cloud Engineering CloudOps for ISVs and Enterprises.

2006

Smart Networks

SDN, NFV, 5G, Edge, SD-WAN, Datacenter networking

2010

IOT

Disruptive Solutions for IOT Platforms, enterprises and ISVs, Edge Analytics.

2014

Data Engineering & Analytics

AI/ML Predictive Analytics Data analytics and Visualization, Dashboards, Data Governanace and Machine learning Solutions.

2018

Digital

Digital product Engineering Cloud Native App Development DevOps, IOT, User experience Engineering Security.

2024

CALSOFT VALUES

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Ownership

Owning our actions and being ready for its results is in our culture and we are proud to inculcate this seed of ownership deep into our values at Calsoft.

Customer Focus

It forms one of the core values of Calsoft's culture. The company is committed to deliver only the best to ensure customer delight.

Innovation

The very instrument of entrepreneurship at Calsoft is innovation. As they say, a creative brain with risk-taking capabilities leads to innovation. We encourage our creative minds to ideate and innovate at our all-time best.

Team Spirit

The rewards are sweeter when shared with the team. Our team spirit allows us in building a resilient workforce and handling the challenges that the market forces throw at us.

Integrity

Calsoft believes in integrity the same ethos. and our workforce equally reflects

Excellence

We are what we repeatedly do! And yes, we are proud to make it a habit to excel in our business at Calsoft. The Calsoft ethos is to be in pursuit of perfection at all times.

Customer Testimonials

Calsoft has been a great partner for over 5 years. Not only were they a partner with us when we were a startup; after our acquisition into VMware they remained a valuable resource and partnered with us for many engineering needs. They have always been a great partner and I look forward to our next engagement.

MATT COTTON

Calsoft has offered extraordinary levels of flexibility on the business process aspects and an excellent understanding of the engineering aspects. I am looking forward to working with the Calsoft team again and I strongly recommend them to anyone pursuing work on Linux kernels, storage subsystems and network protocols.

SAI NARASIMHAMURTHY

Calsoft has managed the project superbly. The deliverables have always been ontime or ahead of schedule in some case. The quality of the work is excellent. We could not have achieved significant milestones without Calsoft's contribution.

TUNG M. NGUYEN

Calsoft's team worked as an extension of our own teams and supported us with the Development and QA efforts for one of our products. The team's dedicated approach towards resolving all our technical queries helped us achieve our product roadmap and ensured a faster GTM. Thank you for the excellent service!

TALI MAHAR

About Company

CALSOFT: UP, CLOSE & TECHNOLOGICAL

Need to launch a new product or roll out updates or need help in maintaining existing products? We are here to create extraordinary experiences for your customers. Our prime focus is on providing peerless solutions in storage, networking, virtualization, cloud, and emerging technologies.

25+

YEARS OF TECHNOLOGY LEGACY

11+

FORTUNE 500 COMPANIES AS OUR CUSTOMERS

1,500+

THINKERS & INNOVATORS

Why Choose Us?

Our agile style, along with a strong focus on technology innovation & core engineering expertise, helps our customers achieve their business goals. Our blend of experienced leaders and young energy makes us fit to work with top companies as well as startups with 800+ engineering projects cutting across Data Center, IoT, Machine Learning, and Data Analytics domains.

Enabling Customer Delight

Calsoft has offered extraordinary levels of flexibility on the business process aspects and an excellent understanding of the engineering aspects. I am looking forward to working with the Calsoft team again and I strongly recommend them to anyone pursuing work on Linux kernels, storage subsystems and network protocols.

SAI NARASIMHAMURTHY

Calsoft has managed the project superbly. The deliverables have always been ontime or ahead of schedule in some case. The quality of the work is excellent. We could not have achieved significant milestones without Calsoft's contribution.

TUNG M. NGUYEN

Calsoft's team worked as an extension of our own teams and supported us with the Development and QA efforts for one of our products. The team's dedicated approach towards resolving all our technical queries helped us achieve our product roadmap and ensured a faster GTM. Thank you for the excellent service!

TALI MAHAR
INFINIDAT

Calsoft demonstrated a very flexible and responsive approach in our product development needs. Calsoft was able to put together a good team with very little attrition throughout; consistently track and monitor progress to make sure that we achieved high productivity during this engagement..

SIMON JOHNSON

It has been a pleasure working with Calsoft over the last few months. Calsoft helped us during a period of growth in a very positive way.

PETER BRAAM

Calsoft has been a great partner for over 5 years. Not only were they a partner with us when we were a startup; after our acquisition into VMware they remained a valuable resource and partnered with us for many engineering needs. They have always been a great partner and I look forward to our next engagement.

What is means to be Calsoft Values

Innovation powers everything that we do at Calsoft. As a "Technology First" company, we try to find new ways to solve our customers' problems. Our advanced product engineering and disruptive digital solutions help global ISVs and enterprises to quickly pivot to changing market dynamics. We focus on Engineering R&D, Digital Transformation, Data Center Product Engineering, and Enterprise solutions for Fortune 100 and 500 entities, mid-sized players, and start-ups across verticals.

Culture at Calsoft

#WECARE

Calsoft operates under the initiative of WeCARE, which is for the people, by the people. WeCARE offers numerous options for employee welfare and engagement at all levels. Financial wellness, environmental wellness, intellectual wellness, and emotional wellness are some of the platforms driven by WeCARE.

#WOMENATCALSOFT

We, at Calsoft, believe in the adage, 'Give her wings, and she'll fly'. An empowered woman will be able to accomplish much more than expected. Our diverse female workforce never fails to amaze us with wonderful results – both on and off duty. Many of them have taken initiatives to support the less fortunate by teaching them in their after-work hours. Calsoft ensures its woman power doesn't feel depleted by implementing various wellness programs for them.

#CALSOFTAMBASSADORS

While our employees are our most important assets, a few of them have gone above and beyond the limits of work to express their sense of belongingness towards Calsoft. We are lucky to have a group of such corporate enthusiasts as Calsoft Ambassadors who represent our core values and help us grow in every aspect.

OPEN-DOOR POLICY

We believe in a constructive feedback mechanism and hence, anyone at Calsoft can feel free to get in touch with all levels of management at any point of time to share their valuable suggestions or feedback.

Corporate Social Responsibility

The concepts of social responsibility and welfare have been an inherent part of Calsoft's corporate philosophy since its inception. We recognize our commitment to the communities in which we operate and realize that the technology sector plays a critical role in creating a level playing field. Our employees, who are key to this philosophy, generously invest their time in enacting positive social change through our educational and healthcare programs directed towards disadvantaged communities.

Calsoft Cares

Calsoft strongly believes that a healthy population translates into a prosperous society. With this in mind, Calsoft partners with NGOs and social welfare organizations to ensure that orphanages and other similar organizations that cater to underprivileged children have access to basic yet quality sanitation, hygiene, and healthcare facilities in their areas. The focus of this program is to improve the health conditions of children who are cared for by these organizations. Some of the organizations that Calsoft has recently worked with include Bavdhan School, Apala Ghar Orphanage, and Manavya Foundation, among others.

Calsoft Scholarship Program – Empowering True Talent

At Calsoft, we believe that education is one of the primary catalysts that can bring about large-scale, impactful social transformation. To this end, we have developed Calsoft's Scholarship Program, a highly successful program directed towards the upliftment of underprivileged students in the field of technical education. Each year, Calsoft invites applications for a Bachelor's degree in Engineering from students who display academic prowess and are in need of financial assistance. Post an assessment, Calsoft finalizes candidates for the scholarship and funds their complete engineering education. Calsoft's scholarship program has helped hundreds of students move towards a brighter future.

Page Name: executive-leadership

Our Team

Dr.Anupam Bhide

Founder, CEO

Dr. Anupam Bhide is the founder and C.E.O of Calsoft Inc. With more than 22 years of experience in the technology industry, he is widely respected for his integrity, innovative mindset, and dynamism. His visionary leadership has played a key role in establishing Calsoft Inc. Prior to incorporating Calsoft Inc., Anupam led elite development teams at HP, IBM, and Oracle. Under his direction, the teams at Oracle designed key features for Oracle 8 and improved the scalability of Oracle 7. Before joining Oracle, he served as a Research Scientist at the IBM T. J. Watson Research Center, New York. Anupam holds a Ph.D. in Computer Science from the University of California-Berkeley. He also has a master's degree in science from the University of Wisconsin-Madison and a bachelor's degree in technology from IIT-Mumbai.

Sharmila Bhide

CFO

Sharmila Bhide is the co-founder and CFO of Calsoft Inc. Sharmila is responsible for shaping all aspects of the company's business strategies and spearheading financial planning and strategy initiatives. Prior to co-founding Calsoft, Sharmila was a Product Manager at Oracle where she led the design of the Oracle Receivables application. She played a critical role in adding cross-product features to Oracle's financial suites such as Oracle Payables and General Ledger. Before joining Oracle, Sharmila pioneered the development of an integrated portfolio management, accounting, and tax software package for hedge funds at Hedgeware. She holds a MBA from the Yale School of Management and is a Certified Public Accountant.

Parag Kulkarni

Chief Operating Officer

Parag Kulkarni is chief operations officer at Calsoft. Parag is an industry veteran, bringing more than 30 years of experience in designing and developing complex technology products. Parag drives the technology roadmap at Calsoft to improve the overall quality of delivery processes. Before joining Calsoft, Parag held key positions at Veritas (formerly Symantec) where he conceived the Database Edition Product for Windows and led its delivery through two product lines – Database Edition for Microsoft (R) Exchange Server and Database Edition for Microsoft (R) SQL Server. Prior to his role at Veritas, he was a key contributor to Informix Corporation's line of database products, now acquired by IBM. Parag holds a master's degree in computer science from IIT, Roorkee and a bachelor's degree in Electronics & Instrumentation from University of Indore, India.

Powering Ahead, Together

Our alliances with global technology giants, innovators, and disruptors help us provide value to every business relationship.

Cloud Partnerships

AWS

Azure

GCP

Data & Analytics Partnerships

Snowflake

Octopai

Technology Partners

VMware
Citrix
Microsoft Gold
ServiceNow
Software AG
Pentaho
Intel

Industry Partnerships

NASSCOM Partner
SNIA India Partner

Page Name: media-coverage

Media Coverage

LATEST NEWS

Kolkata News: Sector V, New Town on overdrive, add 20k IT jobs in the last 6 months
"Calsoft has been identified as one of the big players entering Kolkata's tech space in 2023."

Read More

Calsoft Makes it to siliconindia's list of "10 Most Promising Generative AI Consultants - 2024"

Siliconindia recognizes Calsoft, India's leading GenAI consultant, has been recognized by SiliconIndia for its excellence in integrating generative AI into business workflows. With a focus on strategic implementation, Calsoft's commitment to ethical practices and innovative approaches in AI technology solidifies its position as a trusted partner in the industry.

Read More

Cloud, Data engineering company Calsoft sets up Development Hub in the city

Kolkata: Calsoft Inc, a digital product engineering service provider to customers like Dell, HP, Cisco and Seagate, forayed into Kolkata on Wednesday with plans to set up a development centre that will have 250 engineers by this year and grow to four times the size in three years.

Read More

This is an icon boxMyths About Blockchain You Must Not Believe!

Blockchain technology was born in 2008, in the wake of a Wall Street crash. Transformational technology was the invention of the shadowy "Satoshi Nakamoto".

Read More

Calsoft Wins Mint Marketing Award 2021 for Best Digital Strategy

Calsoft Inc, a global leader in product engineering and digital services for ISVs and businesses. Was determined to be the recipient of the 2021 Mint Marketing Awards.**Best Digital Strategy "**In the category of marketing awareness by technology.

Read More

Interaction on 2022 Trends – Somenath Nag, VP, Calsoft

Somenath Nag, VP, Corporate Strategy, Calsoft talks about the new opportunities emerging in the year end which will become strong in 2022.

Read More

With eyes on expansion, Calsoft plans to hire 1000 Employees

Calsoft is planning to hire a total of 1000 engineers over the next few quarters in Pune, Bengaluru, and San Jose offices, while also opening a brand-new development center in Kolkata.

Read More

Page Name: press-release

What's Making Headlines at Calsoft?

All Press Release

About Calsoft

Calsoft, with its Digital Product engineering expertise and established processes, has partnered with ISVs and product companies in various growth stages to achieve the next milestone in their digital transformation journey. We are also the preferred product engineering services partner to ISVs in the Storage, Networking, Virtualization, Cloud, IoT, and Analytics domains. Our solution accelerators and frameworks augment go-to-market plans and expedite product launches to meet customers.

Corporate Brochure

Dive deeper into Calsoft's world of technology and innovation. We promise an insightful journey.

Download

Partnerships & Alliances Contact

Email: marketing@calsoftinc.com

Page Name: engineering-excellence

Our Engineers

A League of Smart Leaders & Passionate Innovators

Our Engineers Work Smart Because Working Hard Is Not Enough And They Spend Their Saved Time Prolifically!

Enabling the modern world with our unique combination of deep domain experience along with a highly skilled and proficient team. Established in 1998, Calsoft is a leading software product engineering services company specializing in Storage, Networking, Virtualization, and Cloud business verticals. Our customer-focused engagement models and innovative Accelerator IPs speed up time-to-market and accelerate revenue growth for our customers. The innovation-oriented outlook of our engineers makes us the preferred product engineering services partner to Fortune 100 and 500 companies.

Our Research & Participation

Our yearning for learning keeps us on our toes. We are constantly investing in learning and researching new technology stacks. Our passion for technology can be seen through our technical blogs and articles, research papers, presentations, and publications. We participate in various conferences and meetups talking about our favorite technologies.

OUR MEETUPS

EVENTS PARTNERS

ARTICLE CONTRIBUTION

Read our latest technical blogs *and check out the upcoming events we'll be attending.*

Our Contribution & Innovation

Our love for technology and innovation drives us to contribute to the community with open-source source codes. Calsoft has contributed so far to multiple projects in:

Write to us at marketing@calsoftinc.com to know more about our open-source contributions.

View All

Page Name: careers

Join Our Mission Innovation

Check if your passion

View All Opportunities at Calsoft

Browse through our current openings to apply. We believe our bright present is shaped by our employees and their passion for technology, innovation, and excellence.

Associate Director/Director of Sales - AIML

Company Description:

Calsoft is a leading technology-first partner providing digital and product engineering services with over 25 years of experience.

Role Description

This is a full-time on-site role for an Associate Director / Director in Business Development for Calsoft's new Gen AI Practice. This is a new practice and an opportunity to build and be part of a team from grounds-up. They will be responsible for hiring and leading an inside sales team of 2-3 people. The Associate Director will be located in Pune or Bengaluru, and have the following responsibilities:

Responsibilities

- Responsible for business development and sales of Calsoft's AI practice.
- Be responsible for a revenue target at a personal and team level.
- Be **hands-on manager**, drive the sales team, and ensure their productivity and efficiency in meeting the target.
- Be responsible for hands-on calling, lead generation and closing of new accounts to meet the revenue goals.
- Work in collaboration with the engineering and presales teams.
- Note: The activities performed in this scope are prospecting for new business, detailed qualification of sales opportunities, management of the sales cycle,

and negotiation of contracts and agreements. Develop and implement sales strategies keeping short- and long-term goals in perspective.

Qualifications:

- Strong leadership, management, and collaboration skills
- Prior experience selling AI or ML services preferred
- Excellent communication and interpersonal skills
- Should have managed an inside sales team from India but should be hands on with experience as an IC
- Should have sold into US and Europe market
- Strong analytical and problem-solving skills
- Degree in Computer Science or related field preferred

Cloud Sales Professional

Who are we? Calsoft is the preferred product engineering services partner to ISVs in the Storage, Networking, Virtualization, Cloud, IoT, and Analytics domains. Our solution accelerators and frameworks augment go-to-market plans and expedite product launches to meet customers' business goals. With its US headquarters in San Jose and India headquarters in Pune, Calsoft also has a presence in Bengaluru. **Job brief** Calsoft is looking for talented Cloud Sales Professionals who can play a fundamental role in achieving our ambitious customer acquisition and revenue growth objectives. Join us in our efforts to simplify lives with technology. **Location :** Bangalore/ Pune. **Work Hours:** 4 PM to 1 AM IST **Responsibilities** As the introductory face of Calsoft, we'll rely on you to provide the energy and personality to build our brand and gain the trust of prospective customers. You'll be responsible for:

- Build and develop executive relationships with customers, and work to grow new relationships. Influence long-term strategic direction and serve as a business partner.
- Negotiate and manage entire cycles, present to C-level executives in corporate and global customers.
- Lead account strategy in generating and developing business growth opportunities, working collaboratively with Principals to maximize business results in territory.
- Understand customers' technology footprint, strategic growth plans, business drivers and technology strategy.
- Drive business development, forecast accurately and achieve strategic goals by leading customers through the entire business cycle.
- Meet & exceed sales targets & KPIs.
- Represent the organization at trade exhibitions, events, and demonstrations
- Provide support & recommendations for clients.

Requirements

- 4+ yrs of experience in Cloud sales

- At least 2+ yrs of experience in Google Cloud sales
- Excellent Communication Skills (in Speaking & Writing).
- You should be highly energetic, motivated and self-managed.
- Good Understanding or Hands-on experience of PaaS, IaaS, Kubernetes, Containers & Microservices services
- Must have knowledge of Software-as-a-Service (SaaS) market & cloud technology

Associate Director – Sales

Experience : 8-14 years Location : Pune/Bangalore

- Experience of promoting product engineering services
- Excellent negotiation & inter-personal skills with a demonstrated history of over-achieving targets
- Strong campaign management skills; experience of documenting lead generation activities & maintaining CRM
- Excellent collaborative skills to support onsite sales teams and ensure coordination between the client & delivery teams
- Regular follow-ups & closures with prospects

Inside Sales & Business Development

Experience: 2-6 years Working hours: 4:00 PM to 1:00 AM (IST) **Location: Pune** We are looking for rock-star inside-sales, business development account specialist who has a winning attitude and a passion to succeed. You need to bring your knowledge, skills, attitude and work ethics to meet your targets. The purpose of the role is to generate increased sales pipeline through the identification and qualification of new sales opportunities. It is an ideal opportunity for ambitious and successful candidates to lay a strong foundation and catapult into hi-tech business development and field sales.

Responsibilities :

- Extensive research on prospective clients, decision makers, Technology landscape
- Ability to research client and company background through websites and social-networking sites.
- Develop and maintain competitive knowledge on service offerings, industries and products to leverage in lead generation and research
- Connect with prospects via phone, email and social media, and build strong funnel of qualified leads
- Maintain a level of metrics to meet activity goals (cold calls, leads, proposals)
- Engage and build a strong customer relation by engaging in meaningful dialogue
- Communicate with various internal stakeholders on the next steps to address qualified leads
- Create a great first impression to move forward in the Sales cycle

Requirements:

- 2 – 6 years of experience in inside sales for a technology company
- Demonstrated strong written and oral communication skills
- Structured approach to the sales cycle, good understanding of the technology industry.
- Should be willing to take initiative and ownership
- Willingness to work in parallel to USA Time Zone – 4:00 PM to 1:00 AM IST [a must!]

Business Development Manager

Experience : 8-14 years Location : Pune/Bangalore

- Experience of promoting product engineering services
- Excellent negotiation & inter-personal skills with a demonstrated history of over-achieving targets
- Strong campaign management skills; experience of documenting lead generation activities & maintaining CRM
- Excellent collaborative skills to support onsite sales teams and ensure coordination between the client & delivery teams
- Regular follow-ups & closures with prospects

Tech Lead/ Associate Architect/ Architect- Artificial Intelligence and Machine Learning.

Location: Pune/Bangalore Technical Skills-

- Candidates with 7- 17 Years of total experience
- Strong experience in Artificial Intelligence and Machine Learning
- Experience with common data science toolkits, such as Python is a Must. Should have Worked in Concurrency, Data pipelines and Data Ingestion for models
- Should have actually worked on ML models beyond the parameter tuning and interfacing
- Experience with data visualization tools, such as Tableau, Power BI, D3.js, Gplot, etc.-mandatory for Architect
- Experience with SQL databases and time series databases. Experience with noSQL databases such as MongoDB, Cassandra, HBase would be an added advantage

Other Skills-

- A Bachelors Degree from an accredited college or university or equivalent years (4 years)
- Creates and manages a machine learning pipeline, from raw data acquisitions to merging and normalizing to sophisticated feature engineering development to model execution
- Designs, leads and actively engages in projects with broad implication for the business and/or the future architecture, successfully addressing cross-

technology and cross-platform issues. Selects tools and methodologies for projects and negotiates terms and conditions with vendors

- Curiosity about and a deep interest in how digital technology and systems are powering the way users do their jobs
- Comfortable working in a dynamic environment where digital is still evolving as a core offering
- For architect a must have – business development support and presales activities

Apply

Senior Java Server Side Developer

Location: Pune/Bangalore/PAN India Positions : 50+

- 4 to 12 years Java, Collections and OOPS
- Good With Basics and Advance concepts
- Good in Spring , Hibernate and Web Services
- Bring strategic ability and thinking to the group to reach technical goals
- Is able to complete highly technical assignments and solve complex problems using knowledge, creativity, and company practices and priorities
- Mentor less experienced developers in advanced concepts
- Review, designs, and implements plans to develop team members and code a nd takes necessary corrective actions if needed
- Exercises independent judgment in developing methods, techniques and eval uation criteria for obtaining results.

- 3+ years experienced Java Serverside developer with algorithms and data structures
- Hands on experience with spring boot, micro services, AWS OR Virtualization OR Networking is a plus

Executive - Sales / Biz Dev / Marketing

Work Location: Pune/Bangalore Positions : 5

- Ideal and desired candidate should have MBA in Marketing (2019 / 2020 / 2021 passouts)
- Candidates with 1 years or less experience in IT sales / Marketing / Biz Dev will be highly preferred.

Senior UI Developer/UI Developer (React JS / Angular JS)

Positions-20+. Location: Pune/Bangalore Roles and Responsibilities

- 3+ years of experience working on commercial, consumer-facing web apps like e-com, banking etc.
- Expert knowledge of React.Js/ Node.Js/Angular.Js, HTML, CSS, JavaScript
- Experience with OAuth2, JWT, Rest APIs, SQL
- Excellent grasp of algorithms, data structures, and CS concepts such as asynchronous processing, multi-threading, queuing, pub-sub, etc.

- Knowledge of modern authorization mechanisms, such as JSON Web Token
- Experience with common front-end development tools such as Babel, Webpack, NPM, etc.
- Ability to understand business requirements and translate them into technical requirements
- A knack for benchmarking and optimization
- Familiarity with code versioning tools {{such as Git, SVN, and Mercurial
- Experience working with large scale SaaS offerings
- Experience with public clouds (GCP/AWS/Azure)GCP preferred.

Senior Developer /Developer : C/C++ System Programming on Linux / Unix platform

Location : Pune /Bangalore / Other's Positions : 10+

- 3 to 10 years of good experience in C/C++ System Programming experience is mandatory
- Experience in socket programming is a must
- **Storage OR Server and Network Management – will be a very good plus**

Senior Architect /Architect -QA

Location : Pune /Bangalore / Other's

- Experience: 16+ yrs in purely technical leadership (no managerial experience to be considered), in QE & large part of that must be in automation
- Strong domain – SNVC skills.
- Strong test automation background and skills; Python + Java is preferred; however at least Python is must have.
- Automation experience must cover – framework design/development, creating test strategies and handling frequent changes in test requirement
- Excellent QE aptitude and experience in providing technical leadership to medium to large teams.
- Experience working in Agile environment
- Excellent communication skills (verbal and written both)

Python Developer

Work Location: Pune/Bangalore

- 3 to 10 years in system programming experience in Python in Linux/Unix environment
- Good In Basics python skills i e (python iterator , Oops , python generator)
- Exposure to Storage/Virtualization/Networking is a plus
- 3 to 7 years of experience CI/CD, Jenkins, builds, pipelines, build failures etc

Go Lang Developer

Work Location: Pune/Bangalore

- 3+ years experienced GoLang developer , channels, Go routines, and interfacing
- Hands on experience with the standard GoLang test library any of testing framework : testify, Gcheck, Goblin , Kubernetes Working knowledge of package management utilities like Glide/Dep, networking protocols

Senior Python Automation

Work Location: Pune/Bangalore **Positions : 20**

- At least 3 Years of experience with writing automated tests using Selenium
- Hands-on experience with Python
- Exposure to Pytest, Pycharm would be a plus
- Virtualization/Storage/Networking domain expertise (V-sphere, esxi, HyperV) is a MUST

DevOps

Work Location: Pune/Bangalore

- Working knowledge of Python, Docker/Containers/Kubernetes is a must , SRE experience is desirable

Apply
Java Automation

Work Location: Pune/Bangalore

- Java based API Testing, Cucumber, Test driven development Automation engineers -core Java
- Experience in writing test cases for existing/new features in TestNG framework; products viz: SaaS, vmc, vSphere
- Nice to have : Storage & Virtualization domain

Architect / Lead - ServiceNow

Work Location: Pune/Bangalore

- 7+ years ServiceNow experience in JavaScript, HTML, libraries, frameworks Angular JS, jQuery
- Hands on experience in Integration and Implementation of ServiceNow
- ServiceNow certifications a plus (Ex: Sys admin, Implementer, Dev)

UI Architect

Work Location: Pune/Bangalore

- JavaScript developer who is proficient developing new user-facing features using Angular/React/Vue JS
- Familiarity with RESTful APIs

- Knowledge of modern authorization mechanisms, such as JSON Web Token

Java –Python Virtualization Architect

Work Location: Pune/Bangalore

- 10+yrs of hands-on design and development experience in either JAVA or Python
- Strong knowledge of Storage/Virtualization and Cloud platforms and products Strong understanding of algorithms, data structures and multi-threading is a must
- O-RAN experience is a plus

Join Our Talent Hub

Check if your passion is aligned with our vision.

Listen Our Employees Speak

Listen to the stories of our talented resources, in their own words.

"I love being in Calsoft because of 3 reasons: Nature of Work, Open-door Culture, Best Talent Pool."

Amit Gogate
– Technical Architect

"I love the techy culture at Calsoft. People are passionate about their work and we have a lot of young energy in the company that makes it lively."

Nilesh Arte
– DevOps Team Lead

Calsoft is a fun place to work. I get to learn many things from the great mentors here, and work on different projects and cutting-edge technologies. The best part of Calsoft is: it provides a fresh, positive, and friendly atmosphere to work and grow.

Priyanka Biswas
Senior Software Development Engineer

What has brought me to Calsoft is its open culture & work-life balance. The very fact that Calsoft has always been valuing talent over years of experience, paves the way for a face-paced career here.

Janhavi Parchure
Lead, Talent Acquisition

Time flies at Calsoft. It's been more than 7 years that I am working with Calsoft. I love working here not just because of the amazing work culture and co-workers, but the opportunities I get to work with a range of customers and on cutting-edge technologies. I like the way we have freedom here to explore new technologies and learn new things along with our projects.

Mohsin Khazi
Technical Architect

Calsoft provides an open culture with its work policies, opportunities to grow in one's career, and a chance to fulfill aspirations.

PREMA KOLHAR
Associate Technical Manager

Why Choose Us?
Career Progression

Every employee at Calsoft is a trailblazer and is offered excellent opportunities and mentoring to move up the career ladder. We are a deep-rooted organization with a young and passionate energy. You will meet the best-in-class talent pool with a passion for innovation and the urge to learn more and grow together as a team.

Open & Friendly Culture

Our open culture welcomes diversity and inclusion. We advocate equality, work-life balance, physical and mental health, contribution towards society, continuous learning, and holistic growth in the company. Our policies are meticulously designed considering the overall needs of an employee.

Industry Leader

We have over 22 years of profound experience in the Data Center and Cloud domains with the most innovative and niche projects in the SNVC and disruptive technology space. Apart from

being a leader in niche domains, we are also passionate about new technologies like Artificial Intelligence, Internet of Things, and Blockchain.

Our Skills

Passionate to research in the latest technology stack and share the knowledge through different channels like blog posts, technical papers, conferences, events, etc.

Page Name: calsoft-career-360

Calsoft won the Pune Best Employer Brand Award 2021

Calsoft won the **Pune Best Employer Brand Award 2021** for excellence in HR & Marketing Communications. This award reflects our organizational culture of collaboration, inclusion, and innovation.

Calsoft Pune Office Bags a Double Win at iNFHRA 2024

Gold Award for Excellence in Energy Management
Bronze Award for Excellence in Healthiest Workplace

Calsoft Wins Bronze Award for Healthiest Workplace at iNFHRA 2024

Why Calsoft is cut above the rest

Progressive Perks & Benefits Rivalling Global Standards

Get top of the line employee benefits – flexible work hours, clubs, sports areas, activities, events, financial, educational, and wellness support, bonuses, awards, and holistic career growth initiatives

Perennially Relevant But Dynamic Work Domains

Get a plethora of opportunities to ork on new age, trending technologies rooted in the ever-relevant data center space. Work with some of the biggest names in the industry and keep yourself updated and aware.

Core Product Engineering Technologies

Sharpen your skills, get quality experience working on core software engineering technologies in the timeless domains of storage, networking, virtualization, cloud, and more. Make software you can be proud of – from scratch.

Shape Your Future

Expore more jobs,see what suit you best.

Join Us

Calsoft Careers 360º

This framework is designed to accelerate your career journey, ensure holistic career growth, enable a fantastic work-life balance, and guarantee complete work satisfaction.

Calsoft Differentiations

1. Long Term Growth Plans:

At Calsoft, there are multiple career growth plans for everyone. You are systematically primed for leadership positions and go on to be a part of the leadership pipeline.

2. Skillset & Choice-based Growth Programs:

Your career will go only in the direction you want it to go. You benefit from customized career growth programs based on your skills and choices.

3. Mentor-mentee Programs:

With dedicated experts as mentors and first-hand access to great resources, opportunities, and the right tools, you are set up for professional and personal success.

4. Educational Support Initiatives:

Calsoft encourages self-improvement by supporting higher education based on your choice in the technological domain with our tie-up with a globally reputed institution.

5. Financial Growth Plans:

We understand the importance of wealth creation and have special programs where Calsoft directly contributes to your financial growth. We also have excellent allowances, discounts, and bonuses.

Hot Opportunity

We want bright, promising individuals with a passion for technology, innovation, excellence, and a can-do attitude to be part of our vision. If that sounds like you, check out the opportunities we have.

View All Opportunities at Calsoft

Browse through our current openings to apply. We believe our bright present is shaped by our employees and their passion for technology, innovation, and excellence.

Life @ Calsoft

Learn, Grow, Lead, Standout: The Calsoft Pattern
Life at Calsoft is full of initiatives designed to ensure we not only enjoy our work, but we also enjoy working. Calsoftians know how to kick-back and have fun! We have awesome events, celebrations, and contests sprinkled throughout the year.

Refer your friends, lead them on a journey of excellence.

Start by sharing this page with your friends. While we guarantee you'll eventually make great, life-long friends here, won't it be great to begin your journey together?

Page name:

Sitemap

Services

- Product Engineering
- Digital
- DevOps
- Intelligent IT
- Sustaining & Support
- UI/UX Engineering
- QA Services
- Mobility

Technology

- Virtualization
- Cloud
- Security
- IOT
- AI/ML
- Block Chain
- Open Source
- Data Analytics

Industry

- Storage

- Networking & Telecom
- ISVs
- Data Center
- Retail
- Digital Native
- Industry 4.0

COEs

- Storage
- Data Platforms Guild
- Networking & Telecom
- Kubernetes
- Cloud
- Calsoft Mozaic

Insights

- Success Stories
- Webinars
- Podcasts
- Hawkeye Articles
- Hyphen-newsletter
- Whitepapers
- eBriefs
- Infographics
- Videos
- Accelarators
- Blogs

About Us

- Corporate
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- Calsoft Career 360º
- Partnership
- Media Coverage
- Engineering Excellence
- Careers

Contact Us

Page Name:

Cookies Policy

What Are Cookies

As is common practice with almost all professional websites this site uses cookies, which are tiny files that are downloaded to your computer, to improve your experience. This page describes what information they gather, how we use it and why we sometimes need to store these cookies. We will also share how you can prevent these cookies from being stored however this may downgrade or 'break' certain elements of the sites functionality.

For more general information on cookies see the Wikipedia article on HTTP Cookies.

How We Use Cookies

We use cookies for a variety of reasons detailed below. Unfortunately in most cases there are no industry standard options for disabling cookies without completely disabling the functionality and features they add to this site. It is recommended that you leave on all cookies if you are not sure whether you need them or not in case they are used to provide a service that you use.

Disabling Cookies

You can prevent the setting of cookies by adjusting the settings on your browser (see your browser Help for how to do this). Be aware that disabling cookies will affect the functionality of this and many other websites that you visit. Disabling cookies will usually result in also disabling certain functionality and features of the this site. Therefore it is recommended that you do not disable cookies.

The Cookies We Set

- Email newsletters related cookiesThis site offers newsletter or email subscription services and cookies may be used to remember if you are already registered and whether to show certain notifications which might only be valid to subscribed/unsubscribed users.
- Forms related cookiesWhen you submit data to through a form such as those found on contact pages or comment forms cookies may be set to remember your user details for future correspondence.

Third Party Cookies

In some special cases we also use cookies provided by trusted third parties. The following section details which third party cookies you might encounter through this site.

- This site uses Google Analytics which is one of the most widespread and trusted analytics solution on the web for helping us to understand how you use the site and ways that we can improve your experience. These cookies may track things such as how long you spend on the site and the pages that you visit so we can continue to produce engaging content.For more information on Google Analytics cookies, see the official Google Analytics page.
- Third party analytics are used to track and measure usage of this site so that we can continue to produce engaging content. These cookies may track things such as how long you spend on the site or pages you visit which helps us to understand how we can improve the site for you.

More Information

Hopefully that has clarified things for you and as was previously mentioned if there is something that you aren't sure whether you need or not it's usually safer to leave cookies enabled in case it does interact with one of the features you use on our site. This Cookies Policy was created with the help of the Generator of GDPR Cookies Policy Template and the GDPR Cookies Policy Template based on the Privacy Policy Generator from TermsFeed.

However if you are still looking for more information then you can contact us through one of our preferred contact methods:

- Email: marketing@calsoftinc.com

Page Name:

Privacy Policy

Calsoft Inc. ("us", "we", or "our") operates the https://www.calsoftinc.com/ website (the "Service").

This page informs you of our policies regarding the collection, use, and disclosure of personal data when you use our Service and the choices you have associated with that data. Our Privacy Policy for Calsoft Inc. is created with the help of the [Free Privacy Policy Generator](#).

We use your data to provide and improve the Service. By using the Service, you agree to the collection and use of information in accordance with this policy. Unless otherwise defined in this Privacy Policy, terms used in this Privacy Policy have the same meanings as in our Terms and Conditions, accessible from https://www.calsoftinc.com/

Information Collection & Use

We collect several different types of information for various purposes to provide and improve our Service to you.

Type of Data Collected

Personal Data

While using our Service, we may ask you to provide us with certain personally identifiable information that can be used to contact or identify you ("Personal Data"). Personally identifiable information may include, but is not limited to:

- Email address
- First name and last name
- Phone number
- Cookies and Usage Data

Usage Data

We may also collect information how the Service is accessed and used ("Usage Data"). This Usage Data may include information such as your computer's Internet Protocol address (e.g. IP address), browser type, browser version, the pages of our Service that you visit, the time and date of your visit, the time spent on those pages, unique device identifiers and other diagnostic data.

Tracking & Cookies Data

We use cookies and similar tracking technologies to track the activity on our Service and hold certain information.

Cookies are files with small amount of data which may include an anonymous unique identifier. Cookies are sent to your browser from a website and stored on

your device. Tracking technologies also used are beacons, tags, and scripts to collect and track information and to improve and analyze our Service.

You can instruct your browser to refuse all cookies or to indicate when a cookie is being sent. However, if you do not accept cookies, you may not be able to use some portions of our Service.

Examples of Cookies we use:

- **Session Cookies.** We use Session Cookies to operate our Service.
- **Preference Cookies.** We use Preference Cookies to remember your preferences and various settings.
- **Security Cookies.** We use Security Cookies for security purposes.

Use of Data

Calsoft Inc. uses the collected data for various purposes:

- To provide and maintain the Service
- To notify you about changes to our Service
- To allow you to participate in interactive features of our Service when you choose to do so
- To provide customer care and support
- To provide analysis or valuable information so that we can improve the Service
- To monitor the usage of the Service
- To detect, prevent and address technical issues

Transfer of Data

Your information, including Personal Data, may be transferred to — and maintained on — computers located outside of your state, province, country or other governmental jurisdiction where the data protection laws may differ than those from your jurisdiction.

If you are located outside India and choose to provide information to us, please note that we transfer the data, including Personal Data, to India and process it there.

Your consent to this Privacy Policy followed by your submission of such information represents your agreement to that transfer.

Calsoft Inc. will take all steps reasonably necessary to ensure that your data is treated securely and in accordance with this Privacy Policy and no transfer of your Personal Data will take place to an organization or a country unless there are adequate controls in place including the security of your data and other personal information.

Disclosure of Data

Legal Requirements

Calsoft Inc. may disclose your Personal Data in the good faith belief that such action is necessary to:

- To comply with a legal obligation
- To protect and defend the rights or property of Calsoft Inc.
- To prevent or investigate possible wrongdoing in connection with the Service
- To protect the personal safety of users of the Service or the public
- To protect against legal liability

Security of Data

The security of your data is important to us, but remember that no method of transmission over the Internet, or method of electronic storage is 100% secure. While we strive to use commercially acceptable means to protect your Personal Data, we cannot guarantee its absolute security.

Service Provider

We may employ third party companies and individuals to facilitate our Service ("Service Providers"), to provide the Service on our behalf, to perform Service-related services or to assist us in analyzing how our Service is used.

These third parties have access to your Personal Data only to perform these tasks on our behalf and are obligated not to disclose or use it for any other purpose.

Analytics

We may use third-party Service Providers to monitor and analyze the use of our Service.

- **Google Analytics**Google Analytics is a web analytics service offered by Google that tracks and reports website traffic. Google uses the data collected to track and monitor the use of our Service. This data is shared with other Google services. Google may use the collected data to contextualize and personalize the ads of its own advertising network.You can opt-out of having made your activity on the Service available to Google Analytics by installing the Google Analytics opt-out browser add-on. The add-on prevents the Google Analytics JavaScript (ga.js, analytics.js, and dc.js) from sharing information with Google Analytics about visits activity.For more information on the privacy

practices of Google, please visit the Google Privacy & Terms web page: https://policies.google.com/privacy?hl=en

- **Statcounter**Statcounter is a web traffic analysis tool. You can read the Privacy Policy for Statcounter here: https://statcounter.com/about/legal/

Links of Other Site

Our Service may contain links to other sites that are not operated by us. If you click on a third party link, you will be directed to that third party's site. We strongly advise you to review the Privacy Policy of every site you visit.

We have no control over and assume no responsibility for the content, privacy policies or practices of any third party sites or services.

Children's Privacy

Our Service does not address anyone under the age of 18 ("Children").

We do not knowingly collect personally identifiable information from anyone under the age of 18. If you are a parent or guardian and you are aware that your Children has provided us with Personal Data, please contact us. If we become aware that we have collected Personal Data from children without verification of parental consent, we take steps to remove that information from our servers.

Changes this to Privacy Policy

We may update our Privacy Policy from time to time. We will notify you of any changes by posting the new Privacy Policy on this page.

We will let you know via email and/or a prominent notice on our Service, prior to the change becoming effective and update the "effective date" at the top of this Privacy Policy.

You are advised to review this Privacy Policy periodically for any changes. Changes to this Privacy Policy are effective when they are posted on this page.

Social Share

We collect your public profile data only from your consent that you grant before initiating Social Login, from the social network used to login at our website. This data includes your first name, last name, email address, link to your social media profile, unique identifier, link to social profile avatar. This data is used to create your user profile at our website. You can revoke this consent at any time by sending us an email.

Contact Us

If you have any questions about this Privacy Policy, please contact us:

- By email: marketing@calsoftinc.com