Operations Support Systems (OSS)

We engineer custom Operation Support Systems (OSS), equipped with VoIP-based services like server-side applications for soft switches and personalized SIP clients to manage multiple operations effectively, including:

- Network Resources Inventory Management
- Fault Management
- Fraud Protection Solutions
- Performance Management
- Trouble Ticketing
- Customer Billing Management
- Data Reports & Dashboards
- Security Authentication

Business Support Systems (BSS)

We build custom Business Support Systems (BSS) to manage your products, orders, revenue stream, and customer management processes, equipped with tailor-made platforms, applications, tools, and systems, including:

- CRM Systems
- ERP Software Solutions
- Billing Systems
- Customer-Self Service Portals
- Personnel Management Corporate Portals
- Predictive Analytics Solutions
- Report Generation & Data Visualization Tools
- Sales & Lead Generation Automation Systems

Telecommunications Software Development

We develop custom telecommunications software, including Operations Support Systems (OSS), Business Support Systems (BSS), Network Functions Virtualization (NFV), Software-Defined Networking (SDN), Web & Video Conferencing platforms, and network management applications for both on-site and cloud-based IT infrastructure.

Telecom Network Management Software

We develop custom telecom network management software to help your team effectively manage your telecom network functions for front-end and back-end, including network configuration & provisioning, network inventory management, Order Management, CRM, charging & billing systems, and so much more.

Telecom Network Applications

Our expert telecommunication software developers create network applications and communication portals with connectivity management systems, performance monitoring systems, and telephony system services to effectively streamline your communication processes across the board.

Telecom Performance Monitoring Software

We implement custom performance monitoring software to help your team maintain telecom network efficacy by integrating IP address management systems, performance data collection, telecom security management systems, telecom information modules, network layer solutions, fault detection systems, and diagnostic tools.

Call Accounting Software

We develop custom call accounting software into your existing telecommunication infrastructure to track different kinds of calls without interrupting the flow of calls. This software captures, records, documents, and assigns all costs associated with telephone-usage to optimize your network, security, and PCI-DSS compliance.

Telecom Security Management Software

We implement security measures to avoid SIP hacking, Signal System No. 7 (SS7) attacks, caller ID spoofing, Domain Name Security (DNS) attacks, DDoS attacks, and more using real-time IoT best practices, including secure authentication, data encryptions (NASH, DES, RSA, AES), Layer Two Tunneling Protocol (L2TP), and more.

Telecom BI Solutions

We develop telecom business intelligence (BI) solutions that leverage critical data from your operations to maximize your ROI and foster strategic decisions through implementing the following functionalities:

- Strategic Performance Management
- Campaign Management
- Revenue Management
- Customer Management
- Payment Risk Management
- Telecommunications Data Management
- Network, Regulatory, & Compliance Solutions

VoIP-Based Telecom Solutions

We engineer custom VoIP-based telecom solutions to improve automatic data conversions, data routing, and voice traffic transmissions using the following multi-faceted VoIP communications feature kit:

- Video, Audio, & SMS Mobile Applications
- Multimedia Conferencing
- Desktop Softphone Connectivity
- Data Security & Encryption
- Connection Breaks
- Processor Draining Capabilities
- Interactive Dashboards

Telecom IoT Solutions

We engineer custom solutions using IoT platforms to aid in the network transition from 4G to 5G. These solutions connect IoT devices to their cellular networks using Narrowband IoT (NB-IoT) & LTE-M protocols and are equipped with features to handle asset management, cellular & satellite connection support, sensor data security, and more.

Telecom AI Solutions

We integrate Artificial Intelligence (AI) Solutions to automate critical business processes for your telecom organization. We incorporate virtual assistant solutions, Robotic Process Automation (RPA) software, network monitoring software, and network optimization tools to boost overall efficiency and automation.

Custom VAS Software

We create custom Value Added Service (VAS) solutions, consisting of highly advanced non-core services designed to promote telecom operators' organizations. We implement services, such as voicemails, SMS voting, message recording, ring back tones, balance check capabilities, and more for an enhanced customer experience.

Telephony Servicing Solutions

We develop custom Telephony Servicing Solutions, including IP Private Branch Exchange (PBX) to facilitate interconnectivity, Centrex Software Systems use compatible lines for continuous service with minimized downtime, and Session Initiation Protocol (SIP) Trunking Systems to provide IP protocol-based connectivity with PSTN networks.

Telecom Software Integrations

We integrate third-party telecommunications APIs, cloud communication platforms, and telecom expense management systems.

Telecommunications API
We integrate flexible and robust telecom APIs from global telecom industry leaders to your existing business software solutions to optimize workflow efficiency.

Cloud Communication Platforms
We integrate with cloud communication platforms that offer fast, simple, and scalable ways for telecom companies to modernize business communications.

Telecommunications Expense Management Software
We integrate telecom expense management solutions designed to help businesses manage and control their expenses and assets.

Contact & Call Center Software
We integrate with contact & call center software solutions to transform customer engagement for contact centers worldwide.

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