



HALCYON

BUSINESS SOLUTIONS

Halcyon is a proven provider of high-quality, tailored, and comprehensive technology solutions that deliver quality, efficiency, and reliability to startups, enterprises and companies across multiple industries.

TECHNICAL CAPABILITIES

At Halcyon, we pride ourselves on delivering cutting-edge technology solutions that are tailored to meet the specific needs of our clients. Our comprehensive suite of services spans from initial assessments to design, implementation, and troubleshooting, ensuring optimal performance and enhanced security across all IT environments.

NETWORKS/ Our networking solutions are designed to build resilient, scalable, and efficient infrastructures:

- **Network Design & Technology Refresh:**
Custom solutions to modernize and optimize network performance.
- **Cisco NX-OS/IOS & Arista:**
Advanced configuration and operational management.
- **Load Balancer – BigIP/NetScaler:**
High availability and traffic management solutions.
- **IPAM/DNS – Infoblox & BigIP GTM:**
Streamlined network address management and global traffic distribution
- **Wireless Networking:**
Deployment of robust wireless solutions across multiple vendors.
- **Data Center and Enterprise Technologies:**
Deployment and management of robust data center architectures
- **VXLAN – ACI/NDFC:**
Implementation of next-generation network virtualization.
- **Next-Generation Firewalls:**
Comprehensive security with Fortinet, PaloAlto, Cisco, and Checkpoint
- **SD-WAN Solutions:**
Enhanced network agility and cost reduction with Cisco, PaloAlto, and Fortinet technologies
- **Cisco SDA:**
Integration of Wireless/ISE for secure, automated network access.

SECURITY & COMPLIANCE/

Secure and compliant IT environments tailored to protect your assets and data:

- **Security Solutions:**

Deployment and management of Fortinet, Palo Alto, Cisco, and Checkpoint security solutions to safeguard networks from threats.

- **Network Access Control with Identity & Access Management:**

Implementation of Cisco ISE, Aruba ClearPass, FortiAuthenticator and other identity and access management solutions for secure user authentication and authorization.

- **Intrusion Detection/Prevention:**

Deployment of Intrusion Detection System (IDS) and Intrusion Prevention System (IPS) for proactive threat detection and mitigation.

- **Compliance:**

Assistance with compliance requirements through solutions such as Intune, ensuring adherence to industry standards.

- **Monitoring & Management:**

Utilization of SolarWinds, PRTG, Zabbix, Nagios, and other monitoring tools for comprehensive network visibility and management.

- **Web Server Hardening:**

Hardening of Linux/Windows web servers to enhance security posture and protect against cyber threats.

- **Digital Certificates:**

Management, deployment and automation of digital certificates to secure communication channels.

VIRTUALIZATION/VDI/

Optimizing IT operations through state-of-the-art virtualization technologies:

- **Server Migration:**

Hyper-V and Qemu-KVM transitions for enhanced performance.

- **Cloud Integration:**

AWS Outposts and Azure Stack HCI/Hub for seamless cloud services.

- **Open-Source Solutions:**

Implementation of OpenNebula, OpenStack, and Apache CloudStack.

- **Disaster Recovery:**

Robust backup, high availability, and disaster recovery solutions.

- **Veeam & Citrix:**

Efficient data management and virtual desktop environments.

CLOUD/

Leveraging the power of cloud computing to boost efficiency and scalability:

- **Public Cloud Integration:**

Architecting cloud environments on Azure and AWS, including integration with third-party security infrastructure.

- **Infrastructure Automation:**

Automation of cloud infrastructure using Terraform, OpenTofu, CloudFormation, and Ansible for increased efficiency and scalability.

- **Containerization & Orchestration:**

Utilization of LXC/LXD, Podman, Docker, and Kubernetes for containerization and orchestration of cloud-native applications.

- **Multi-Cloud Experience:**

Experience with regional/local cloud providers like DigitalOcean, Linode, and Vultr for diversified cloud solutions.

- **Monitoring & Logging:**

Implementation of monitoring and logging solutions with Splunk, Nagios, Prometheus, Grafana, Loki, and Datadog for comprehensive cloud management.

MICROSOFT/

Comprehensive Microsoft services from infrastructure to cloud migration:

- **Identity Services:**

Expertise in Active Directory/Azure for secure user management and authentication.

- **Office 365 Migration:**

Seamless migration to Microsoft 365 for enhanced productivity and collaboration.

- **Single Sign-On (SSO):**

Implementation of ADFS and other SSO solutions for simplified access management.

- **Assessment & Remediation:**

Assessment of Microsoft environments, health checks, and remediation services.

- **Certificate Authority:**

Setup and management of certificate authority environments for secure communication.

- **Migration Services:**

On-premise and cloud migration services for domain consolidation and infrastructure optimization.

At Halcyon, we are committed to enabling your success through superior technological services. Our team of experts is ready to assist you in navigating the complexities of modern IT environments with our comprehensive, customized solutions
