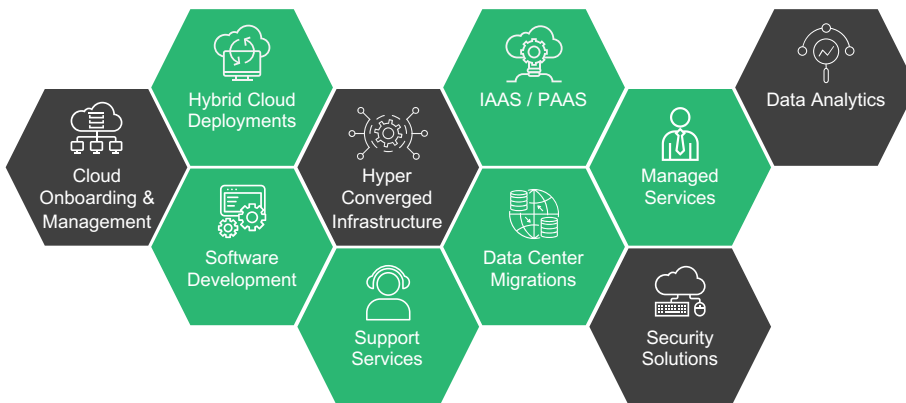# BAYINFOTECH
TRUSTED PARTNER FOR YOUR CLOUD JOURNEY

CAPABILITY STATEMENT

BayInfotech is a IT Professional Services company that augments customers in emerging technology domain such as Cloud Enablement, Cybersecurity, Modern SDLC, Software Defined Networking/Data Center, API Integration and Automation

Contact Information
Email: info@bay-infotech.com
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Certification
WOSB – Woman Owned Small Business
SDE – Small Disadvantage Business
ISO 9001, ISO 14001, ISO 20000, ISO 27001
CMMI DEV L3, CMMI SVC L3

NAICS Code
518210 – Data Processing, Hosting and Related Services
541511 – Custom Computer Programming Services
541512 – Computer System Design
541513 - Computer/Data Facilities Mgmt
541519 – Other Computer Related Services
541618 – Other Management Consulting Services
541330 – Engineering Services
541611- Admin Management and General Consulting Services

OUR DOMAIN

- Cloud Onboarding & Management
- Hybrid Cloud Deployments
- Software Development
- Hyper Converged Infrastructure
- Support Services
- IAAS / PAAS
- Data Center Migrations
- Managed Services
- Security Solutions
- Data Analytics

Achievements
Cisco Innovation Challenge Award – Rank #3 for the best solutions to support Cisco's Customers
2022 Inc 5000 – Ranking #552
2021 Fast 100 – Ranking #23 in SF
      Ranking #9 in East Bay
2021 Inc 5000 – Ranking #783
2022 – Inc Best Place to Work

Services and Solutions Offered
Cloud Enablement & Migration
Hybrid & Community Cloud
Networking/Data Center Solutions
Professional and Staffing Services
Managed Services
Cybersecurity & Compliance Solutions

DIFFERENTIATORS

- BiTPaaS and MatosSphere products
  - Cloud Security & Compliance Solution
  - On Demand Proof of Value infrastructure focused on:
    - Cloud Security
    - Software Defined Networking
    - Integrated Data Center – WAN – Campus Solutions
    - Reduced sales cycles
  - Managed Data Center and Security Services

Social Responsibility
Love Never Fails
Local Communities Support

PAST PERFORMANCES

US Army – Field Software Engineering Support

BayInfotech supported US Army MICC and provided Field Software Engineers with secret security clearance for their Mission Command Arts and Science Program and its Components at TJAGLCS Charlottesville, VA. Provided staff worked on various tasks like software installation, patches installation, networking, configuration, problem diagnosis, repairing, troubleshooting, system administration, documentation etc.

LAC - E-Store Automation Portal for E-Cloud Workloads Management

BayInfotech worked with ISD for the enhancement of eStore. eStore is a portal which provides a user interface to manage their workloads running in eCloud. We provisioned and configured windows machine with Ansible tower, built the ansible playbook for windows image. Deployed self-service catalog with approvals using ansible automation tower. On another project, we also deployed cloud management solution for their hybrid cloud environment.

Google – Building Hybrid Infrastructure for Cisco

BayInfotech worked with Cisco and Google to design a self-service solution which allowed Cisco's customers to deploy hybrid cloud infrastructure in multiple regions. It reduced Cisco's customers dependency on IT Internals, reduced operational overheads and reduced provisioning lead times from weeks to minutes.

Software Development

LAMP - Linux, Apache, MySQL, PHP
MEAN - MongoDB, Express, Angular, Node.js
WIMP - Windows, IIS Servers, MySql/MsAccess, PHP/Python, Perl
NMP - Nginx, MySql, PHP
Low code/No Code
Serverless

Hybrid & Community Cloud

AWS, Azure, GCP
    Landing zone
    Infrastructure Modernization
    Application Modernization
    Cloud Security & Compliance
    Container & Kubernetes

Cyber Security

Risk Assessment
Multi Factor Authentication
Intrusion detection & response
End Point detection & response
Phishing prevention
Vulnerability Scanning & remediation
IT Governance risk & compliance

Automation and Orchestration

Ansible Chef Puppet
Cisco Nexus Dashboard
Cisco MSO Intersight
Terraform Vmware vRealize

Infrastructure as code (IaC)

DevOps/DevSecOps
Terraform Ansible Chef
RestApi Ansible Puppet
CloudBees Docker Jenkins
AWS Cloudformation
Azure Resource manager
GCP Cloud deployment manager

Monitoring Solutions

Cisco NAE/NAI SolarWinds
Checkmk LiveAction PRTG
Managed Engine Observium
Cacti Datadog Dynatrace
Nagios
New Relic PagerDuty
Sumo logic Elk

Data warehouse

NoSQL Oracle Snowflake SQL
Teradata, MySQL, MS SQL
Amazon redshift
GCP BigQuery
PostgreSQL

SDN Enabled

Cisco ACI
Cisco DCNM
Cisco Meraki
Cisco DNA/SDA
VMware NSX

SD-WAN

Cisco SD-WAN
Vmware Velocloud
FortiGate SD-WAN
Silverpeak Aruba
PAN SDWAN
Cisco Meraki

Data Centers

Cisco ACI Arista Vmware
HP
Dell
F5 Networks

Collaboration

Cisco CUCM Cisco Call Center WebEx Cisco Media Gateway

Wireless

Aerohive HP
Aruba Meraki
Cisco wireless

Some of our Customers