

DSI Infrastructure Services

Key Capabilities

The DSI infrastructure team has been working with the Azure Cloud since 2010. Our services cover the following capabilities:

- **Landing Zones:** For customers new to Azure, we provision and configure the initial set of services that are a precursor to any subsequent application workload, including:
 - Security Integration
 - Network Integration
 - Governance, and
 - Spend Management
- **Infrastructure as Code (IaC):** For managing and provisioning infrastructure through code rather than manual processes. With IaC, configuration files are created containing infrastructure specifications. Benefits include:
 - The ability to provision and de-provision ephemeral compute services or even entire environments with the click of a button or based on an event.
 - Configurations can be managed as code in an SDLC-like framework.
- **Managed Services.** We provide infrastructure and application operations management for everything we build or bring into our control. Services include monitoring of operational metrics for proactive management as well as break-fix support.

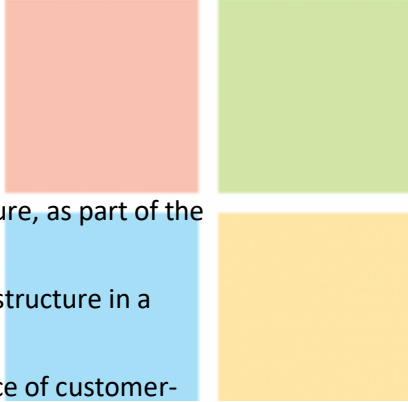
Skills

- | | | |
|----------------------------|---------------------------|--------------------------|
| ▪ Azure Cloud Architecture | ▪ Automation | ▪ Infrastructure-as-Code |
| ▪ CI/CD Release Methods | ▪ Data Lakehouse | ▪ Data Analytics |
| ▪ Cloud-Scale | ▪ Application Refactoring | ▪ Application Migration |
| ▪ Network Infrastructure | ▪ Azure Active Directory | ▪ Log Analytics |
| ▪ Monitoring & Security | ▪ Agile Methodologies | ▪ Synapse Analytics |
| ▪ Power BI | ▪ Encryption | ▪ Scripting |
| ▪ SQL Server | ▪ Data Services | ▪ Build & Upgrade |
| ▪ Cloud Migration | ▪ High-Availability | ▪ Disaster Recovery |
| ▪ Enterprise Backup | ▪ Performance Tuning | ▪ Database Modelling |

Experience

The team includes a mix of individuals, with collectively:

- Expert knowledge in architecting, developing, and supporting enterprise solutions with the Azure cloud platform.
- Solution design and implementation experience across multiple industry verticals and organization sizes encompassing both cloud-native and hybrid solutions - incorporating comprehensive connectivity, fault-tolerance, security & monitoring.
- Specialist knowledge in implementing Azure landing zones to provide Azure solutions with the associated scale, security governance, networking, and identity management required to enable



application migration, modernization, and innovation at enterprise-scale in Azure, as part of the Cloud Adoption Framework.

- In-depth knowledge of leveraging Infrastructure as Code (IaC) to manage infrastructure in a descriptive model, using declarative definitions.
- Extensive experience improving the availability and performance fault-tolerance of customer-facing applications and data services.
- Over 40+ years of system installation, configuration, integration, and administration experience across application technologies and both SMP & MPP architectures.
- Professional development and performance tuning capabilities across the differing Microsoft products and versions both on-premises and in Azure.
- Experience migrating extensive infrastructure estates to IaaS and PaaS services in Microsoft Azure for mission-critical workloads.