Azure Infrastructure Design, Migration & 24*7 Managed Services for US-based Global CRO and Biopharmaceutical Services Company
Client

The client is a US-based multinational life sciences consulting firm, and Contract Research Organization (CRO). It is the second largest clinical research organization in the world and has helped develop approximately 95% of the 200 top-selling biopharmaceuticals on the market today.

Challenges

- Datacenter capacity shortage and platform limitation in terms of scalability and performance
- Tedious manual deployment process and high turnaround time
- Complex network landscape for integrating with different client environments
- High re-engineering cost and upfront cost

LTI Solution

- Designed Enterprise Azure Architecture for Multi-region and Multi-subscription environment
- Implemented scalable Virtual Networks across subscription with Hub and Spoke Model and establishing ultra-performance ExpressRoute gateway
- Implemented IPS and IDS solution using Cisco Network Virtual appliance on Azure
- Seamless Migration of On-Premise servers to Azure using DevOps CI-CD Pipeline
- 1000+ VM migration and management using LTI Smart Deploy Automation
- Implemented near real-time data replication and hosts provision through Azure Site Recovery
- Replicated SQL Databases using SQL Always-on on Azure
- Leveraged DMA to migrate SQL instances to Azure SQL Database
- Migrated Windows, Linux and SQL servers to Azure using Azure Site recovery
Business Benefits Delivered

- Increased Virtual footprint and reduced Physical, thereby reducing Administrative Overheads
- High availability and improved compliance associated with IT Infrastructure
- 40% reduction in cost; 70% reduction in recovery time
- 45% savings in operation and administration cost
- Using Azure Site Recovery achieved Near to Zero Business Down Time

Technologies Used

- Microsoft Azure, LTI Smart Deploy, Cisco