Syntel implemented a Windows Azure migration strategy for a Fortune 100 financial services company which optimized the client’s technology investments and generated a 37% reduction in TCO and 96% faster provisioning.

The client is a Fortune 100 company and a global leader in financial services. With over $1 billion dollars in annual IT spend, their environment includes a wide range of legacy and managed services. The client was looking for transformational initiatives to better align IT with the business, reduce TCO and improve time-to-market for new business ideas.

The current legacy platform does not lend itself to this transformation, with over six weeks of provisioning time and multiple standards.

**Platform Strategy**

The client explored multiple options across private cloud, public IaaS and Azure. Azure scored higher than the other alternatives based on the following factors:

- Highly available and reliable globally managed infrastructure
- Standardized platform, scalability and automation lending to time to market and client focus on business layers
- Significantly reduced TCO over the current infrastructure
- Strong enterprise support

**Platform Enablement**

While Azure was clearly the preferred platform, the existing development teams had limited knowledge of the Azure platform and adoption approach, which was impeding the migration. Syntel worked with the client and their technical teams to establish the Azure reference architecture across defining:

- Integration Framework
- Presentation Framework
- Data Classification Strategy
- Security Framework
- Packaging and Deployment

**Applications Enablement**

Platform enablement set the base for enabling applications on Azure. However, to achieve an effective ROI from the program, the following were key priorities:

- Fastest onboarding to reduce TCO immediately
- Lowest cost of migration to enhance the ROI
- Limited dependence on application SME that will impact the cost and duration of migration
- Strong adherence to quality

The Azure Platform enabled a 37% reduction in TCO while providing a platform for future digital enterprise enablement.

Syntel’s CCAT factory enabled the migration with 90% reduced analysis effort, 30% lower migration costs and 32% better quality in reference architecture compliance.
“Syntel approached us with the initial assessment of the MS Azure platform and the migration factory model. They provided us with the relevant resources and delivered the project without issues.

Syntel CCAT Tool helped us with the initial assessment of all the remediation work needed to migrate the application without issues.”

Lead Technical Architect

To maximize ROI and address all the client’s priorities, Syntel deployed its CCAT (Cloud Code Automation Tool) tool. CcAT already has more than 300 rules built for Azure architecture implementation and guidelines.

Additional rules specific to the customer’s reference architecture were added on the fly. Syntel SMEs worked with the lines of business IT to identify potential applications and leveraged CCAT to scan the application for compliance to the customer-specific Azure reference architecture.

This enabled the teams to prioritize the applications to be migrated to Azure based on cost, complexity and risk profile. Syntel also leveraged a factory approach to migrate the applications with limited SME support and significant level of automation.

CCAT’s integration with the Azure development tools (Visual Studio) also enabled the teams to quickly identify, access and fix any non-compliant lines of code.

Through this program, Syntel delivered a 90% reduction in the analysis effort, a 30% reduction in migration costs, a 32% quality improvement in reference architecture compliance and a 37% TCO reduction.

This initiative will also enable the client to build on their digital enterprise by leveraging Azure’s mobility, social and big data features.

Today’s dynamic business environment requires enterprise applications to be flexible to adapt to fast-changing requirements and scalable to meet business and economic volatility. Syntel’s proven cloud accelerators provide an end-to-end solution to enable enterprise clients to leverage the cloud and drive ROI through maximum utilization.

**SYNTEL’S CLOUD ACCELERATORS**

**MACH** — Methodology for Applications to be Cloud Hosted
A robust portfolio analysis methodology that delivers an ROI-based modernization path for applications to the relevant cloud platform.

**CCAT** — Cloud Code Automation Tool
Automates cloud migration profiling with 300+ built-in rules for application cloud migration. Cuts analysis time for cloud on-boarding by over 70% and provides a risk-free cloud migration program through automation and profiled templates.

**COAP** — Cloud Orchestration and Automation Platform
Integrates orchestration and PaaS within your hybrid cloud. Unleashes the cloud’s business ROI by making applications infinitely scalable and portable.

**CcAT—Azure**
Analyzes on-premises .Net applications and databases, identifies non-conforming code and changes required for Azure architecture. Substantially reduces time and effort while improving quality for Azure migrations.

**StorM** — Storage Manager
Migrates data from on-premises databases to on-cloud Azure Table Storage, speeding the Azure environment adoption.

**Public PaaS framework**
Enables deployment and management of applications on Public Cloud, including integration, application and data gating, Single Sign On, unified monitoring and auto scaling.