Delivering Agility and TCO Reduction

PROJECT TYPE — Cloud Computing

Atos 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.

CHALLENGE

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.

SOLUTION

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. Atos 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.

Their CCAT factory enabled the migration with 90% reduced analysis effort, 30% lower migration costs and 32% better quality in reference architecture compliance.
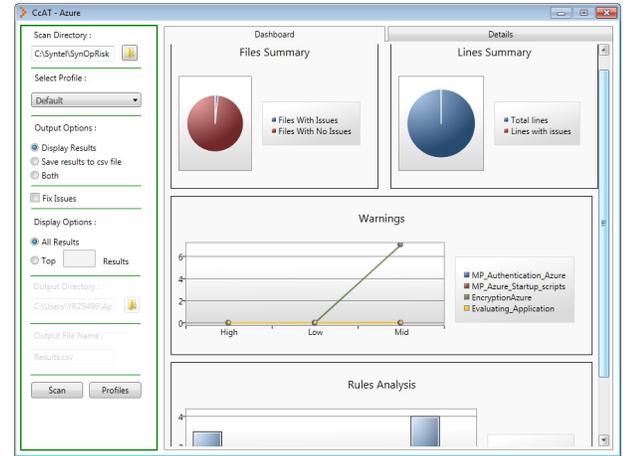
SOLUTION

To maximize ROI and address all the client's priorities, Atos 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. Atos 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. Atos 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.

Atos Syntel's **CCAT Cloud Development Accelerator** helps easily migrate apps to cloud by assessing cloud compliance and generating remediation solutions.

RESULTS

Through this program, Atos 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.

OUR CLOUD ACCELERATORS

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. Atos 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.

MACH — Methodology for Applications to be Cloud Hosted
Use this robust framework to establish a business case for Cloud and define the solution building blocks. This will streamline the migration with a cloud adoption roadmap, driven by Return on Investment (ROI).

CCAT — Cloud Code Automation Tool
Automate and seamlessly migrate your applications to cloud with CCAT, equipped with more than 600 built-in rules based on cloud reference architecture. CCAT's rules-driven automation reduces dependence on SMEs and reduces the effort, cost, risk and time for cloud migration.

CCAT–Azure
Analyze available .Net applications and databases, identify non-conforming code and focus on the changes required for an Azure architecture. Reduces the time and effort required, and improves the quality of an Azure migration.

COAP — Cloud Orchestration and Automation Platform
Provides a workflow and rule based self-service platform across Administration, Dev Ops and Automated Operations. Also automates ITIL processes and monitors the infrastructure and applications environment to drive better operating efficiency, scalability, and availability.

StorM — Storage Migrator
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.

For more information, visit us at **www.atos-syntel.net**

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