

SAP on Azure – TCS Tools and Accelerators

TCS Crystallus™ drives digital transformation through pre-configured industry and business solutions



Pre-configured industry and business solution

TCS Crystallus™ offers a set of preconfigured solutions leveraging TCS's industry best practices & SAP S/4HANA as digital core, **to kick-start digital transformation journeys**, powered by built in assets and accelerators.

1 Business Process Flows

2 Business Process Documents

3 Configuration Documents

4 Solman Reference Repository

5 Security Design

6 Test Schemas

Industry Best Practices | Business Solutions | Industry Innovations | Automation

Solution Construct

- ✓ **Industry Best Practices** – Addressing enterprise capabilities efficiently meeting industry demands
- ✓ **Business Solutions** - Offers pre-configured business solution sets enriched with end-to-end optimized business process scenarios and comprehensive blueprints
- ✓ **Industry Innovations** – Leveraging new capabilities (Process Automation, Embedded Analytics) to drive business outcomes
- ✓ **MFDM™ First Delivery Model** – Leveraging TCS to achieve intelligent enterprise transformation

Customer Benefits

- ✓ **Faster Time to Market**- Accelerates business transformation journeys upto 30%
- ✓ **Competitive Advantage** - Embeds industry-specific best practices enhanced with contextual knowledge to build a foundational base
- ✓ **Business Agility** - Provides a basis for perpetual transformation to adopt new business and service models and continuous innovations
- ✓ **Minimal business disruptions** - Ensures business as usual by minimizing the impact on users and processes

SAP on Azure – TCS Tools and Accelerators

Enabling an accurate and accelerated execution of project lifecycle right from discovery to managed services



SAP Certified

Integration with SAP S/4HANA

Usage: At Discovery / Assessment for transformation to S/4Hana

Provides a comprehensive view;

- To understand the system usage and custom code usage
- To understand the extent of customization
- To identify and remediate the impacted custom code due to S/4 HANA
- To identify impacted security roles and authorizations
- To understand the Impacted simplifications

Usage: At Discovery / Assessment for transformation to S/4Hana

TCS RET helps customers to :

- Minimize SME dependency
- Have Insights of business processes prior to workshop sessions
- Focus on critical processes
- Enable S/4 HANA assessment team with quick data points

TCS RET

(Reverse Engineering Tool)

TCS REFRESH

Usage: At Discovery / Assessment for transformation to S/4Hana

TCS Refresh framework helps customers with :

- A comprehensive assessment methodology for SAP S/4HANA
- Modularized structure for areas of assessment
- Flexibility to adapt the methodology as per the needs of each organization
- Repository of artefacts for faster assessment

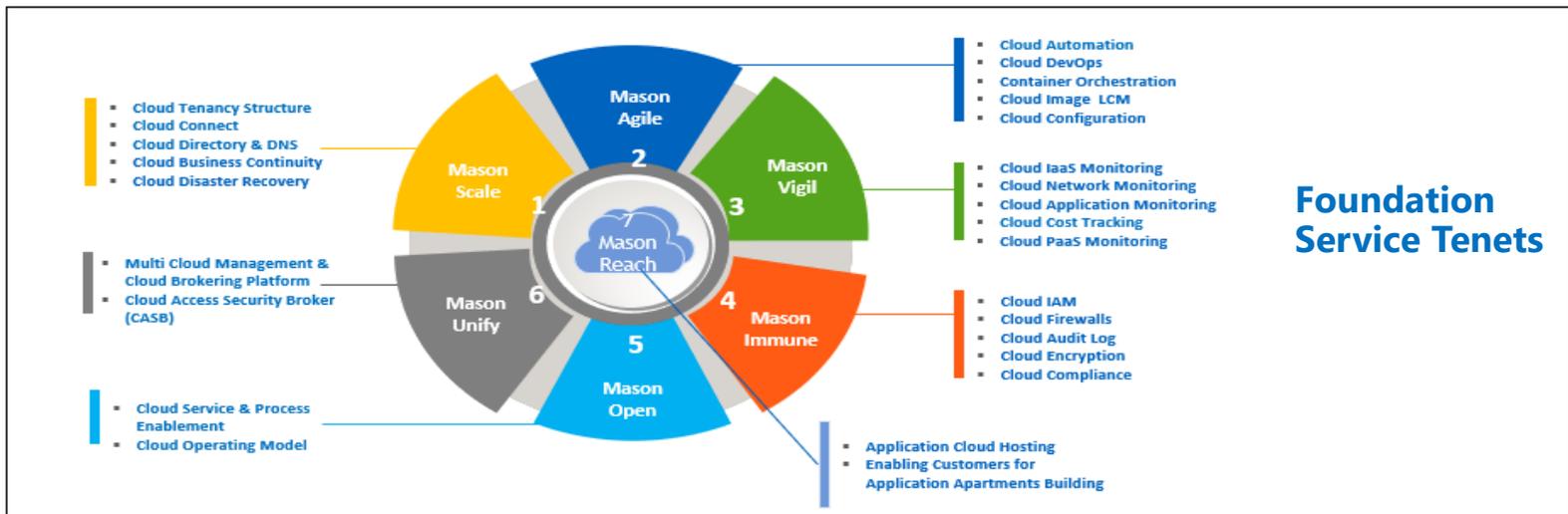
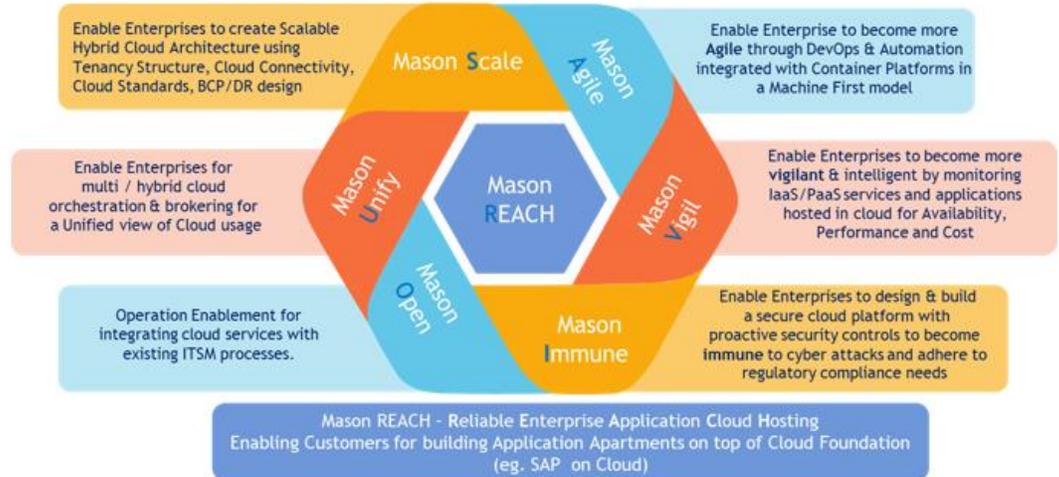
SAP on Azure – TCS Tools and Accelerators

Cloud Mason sets a robust foundation, the key to a successful migration and management of SAP workloads

Cloud Foundation Services



Service Framework Overview



Basic Services

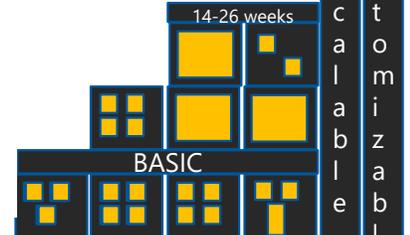


- Cloud Platform development using Single Cloud Provider for up to two regions
- Leverages native features from Cloud Providers - AWS, Azure, Google
- Essential features for hosting standard applications
- Quick deployment Solutions

Service Offering

- Cloud Platform Development using multiple cloud providers and regions
- Basic services + add on features using third party tools
- Enhanced features for hosting mission critical and special applications (based on security & compliance requirements)
- Longer implementation depending on the modules selected

Advanced Services



SAP on Azure – TCS Tools and Accelerators

Cloud Exponence ensures a highly performing and compliant infrastructure

Cloud Managed Services



Cloud Exponence is TCS' centralized multi-tenant cloud delivery platform that enables delivery of multiple public cloud customers across geographies in a multi tenant services model.

Smart Assurance of Cloud Ecosystem

Faster and Silent deployments!

Predictable Cloud Consumption Budgets

Cloud Exponence | Out of the Box features

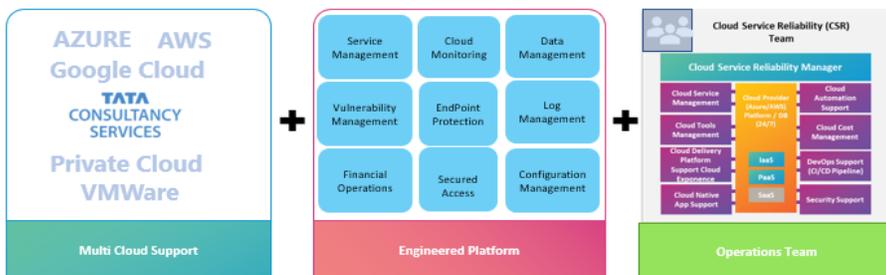
1 Enhanced Business experience through intuitive forms for seamless Environment provisioning across Clouds

2 Unified LoB-wise consumption patterns to enable Service Excellence in world of Product Operating Model

3 Centralized Security Dashboard for Secure Cloud delivery through cognitive assurance capabilities

4 Single pane of management & Delivery Services console for Cloud Service Reliability Team

Cloud Exponence | Multi-Cloud Delivery Platform



Value to enterprise

- Self service portal for Application support team
- Unified platform for Multi Cloud Operation
- Cost Avoidance on Operation platform Build and SaaS tools
- Ongoing Cost benefit by Cost Recommendation and rightsizing
- Expertise on Multi Cloud Operations
- Transparency in operational Cost

SAP on Azure – TCS Tools and Accelerators

Enabling an accurate and accelerated execution of project lifecycle right from discovery to managed services



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Integration with SAP Netweaver

Usage: At project realization phase and development cycles for testing automation

TCS FastForward helps customers to:

- Accelerate test execution
- Provide detailed test reporting with screenshots for Audit Trail
- Automate regression and functional test scenarios
- Improve test coverage
- Reduced dependency on programmers to write test automation scripts

Usage: At project realization phase for accelerated data migration

TCS DataSure helps customers with :

- End to End ETL process
- Automated data migration templates
- GUI based rules
- S/4 HANA and SAP cloud solution ready integration
- Shorter validation timelines
- Automated uploads and validations



SAP Certified

Integration with S/4HANA

Integration with SAP applications



Usage: At project realization phase and Support phase for automated configuration

TCS QuickConfig helps customers with :

- Flexibility to customize as per Customer Requirement
- Best Practice process configured and documented
- Provides a quick start to development teams by configuring base processes

SAP on Azure – TCS Tools and Accelerators

Ignio creates predictive, proactive and efficient ERP Ops Management driven for autonomous SAP operations



ignio is an automation product for SAP Technical and Functional domains. It improves business outcomes by detecting anomalies, providing analysis with recommendations and taking actions

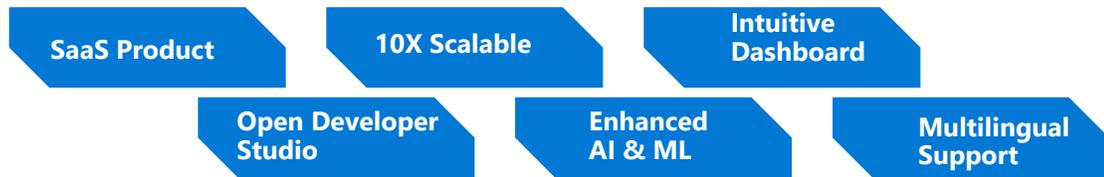
SAP Certified

Integration with SAP S/4HANA

SAP Certified

Integration with SAP Applications

Product Overview



FEATURES

Silent and Seamless Operations

- Regular system health, self-healing
- Notes Analysis - identifies, prioritizes, and recommends
- Business Warehouse process chain monitoring.
- Maintains consistency in master data and recommends solutions
- Solution Manager analytics help reduce alert noise.

IDoc and Incident Management

- Triaging, intelligent automation and self-healing for IDoc incidents.
- Automates up to 40% of tickets in P2P and O2C areas
- Blueprinting, Causal analysis and Autonomous handling of incidents
- Dashboards and reports reduce dependency on ERP experts.

Rapid Service Fulfillment

- Automates up to 50% of BASIS administration
- Provides multiple capabilities (User Management, ABAP Dump Analysis, Job Management, Impact Assessment, etc.)
- Reduction in MTTR by up to 90%
- End-to-end automation of configuration changes.

Why ignio AI.ERPOps?

ignio AI.ERPOps offers end-to-end automation (**sense-analyze-act**) for incidents and service requests in ERP. It offers a combination of functional and technical automation for Enterprises using ERP. Complemented with ignio AIOps, the capabilities can be extended to the whole IT ecosystem along with ERP.

KEY BENEFITS

Improved Business Stability and Assurance

- System Health check, Self-heal and Blueprinting
- Reduction in manual intervention

Intelligent and Agile Enterprise

- Alerts management, lower MTTR, improved business agility
- Proactive detection and resolution of incidents
- Maintains security and compliance

Enhanced Customer Experience

- Reduced outages improved availability
- Faster root-cause analysis autonomous incident handling



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