

CSC AGILITY PLATFORM

COMPREHENSIVE HYBRID CLOUD MANAGEMENT

A SINGLE, INTEGRATED PLATFORM FOR HYBRID CLOUD LIFECYCLE MANAGEMENT

- Application-centric cloud management
- Extensible policy-driven governance
- Application release automation
- End-to-end security model
- Self-service store
- Enterprise scalability

KEY BENEFITS

- Improve time to market with self-service provisioning of enterprise-grade platforms and business applications.
- Increase business agility by directly empowering business users and developers with on-demand access to fully governed and SLA-managed IT resources.
- Mitigate regulatory and compliance risk with robust policy-based governance, security and lifecycle management consistently applied across all IT resources.
- Lower costs and optimize resource utilization using IT services that are portable and not locked into any specific cloud service provider or implementation technology.

INDUSTRY'S ONLY ENTERPRISE CLOUD MANAGEMENT PLATFORM

THE CHALLENGE

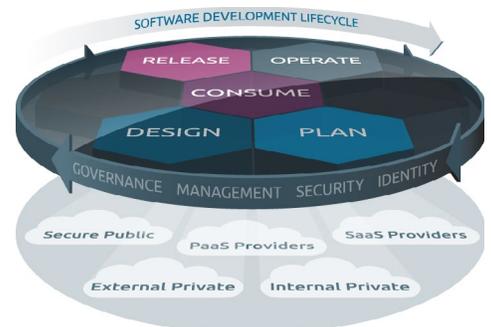
Traditional IT operating models do not offer the business agility or innovation needed today. Heavily dependent on capital investments and manual provisioning of applications and other IT services, traditional IT operating models restrict innovation and often increase costs through over-procurement and manual processes. Further, traditional IT operating models do not focus on connecting development and operations processes and workflows, often leaving a gap that causes issues with development handoffs to operations that lead to lengthy release cycles, production defects and unplanned outages.

Today, enterprises are adopting cloud-based IT operating models to increase their business agility and reduce costs. As many non-IT business divisions consume public cloud services directly, bypassing central IT governance, IT organizations are forced to adopt hybrid cloud-based operating models to remain relevant and competitive with external offerings or risk becoming marginalized.

Many companies are adopting cloud technologies as a solution, but are failing because of common missteps and pitfalls. They provide simple Infrastructure as a Service (IaaS) instead of what the business wants — access to IT platforms, and applications on demand — or they consolidate around a single private cloud offering and miss the agility and cost savings of a hybrid cloud-based operating model. But, how do you adopt hybrid cloud operating models while maintaining security, compliance and governance?

THE SOLUTION

CSC Agility Platform™ accelerates the transformation to “Everything as a Service” by governing, orchestrating and delivering portfolios of IaaS, PaaS and SaaS across hybrid cloud environments to reduce the cost, complexity and time to market for IT services. This enables central IT to transform its role into that of a hybrid cloud service broker, and allows development and IT operations teams to increase the speed and frequency of software releases without sacrificing the quality of software in production.



Agility Platform capabilities are organized around an end-to-end cloud application lifecycle, and these capabilities integrate with your existing enterprise IT ecosystem and software development lifecycle.

- **Plan** for cloud by creating and managing the policies, entitlements, organizational hierarchies, access controls and cloud usage parameters for your organization.
- **Design** cloud-based applications and platforms using a graphical workbench to assemble cloud portable application blueprints for deployment across diverse hybrid clouds.

- **Consume** IT services through a fully governed, self-service portal for on-demand provisioning of broad as-a-service portfolios.
- **Release** new cloud-based applications using an intuitive visual dashboard to promote software builds and deployment environments across the development lifecycle.
- **Operate** and monitor cloud-based workloads using a consolidated run-time management console with fine-grain reporting and resource consumption tracking.

Agility Platform provides the features necessary to effectively adopt hybrid cloud operating models to deliver “IT as a Service.”

Application-Centric Cloud Management

Agility Platform features a graphical workbench to design complex multi-tier applications that are cloud portable, and a broad range of application-centric policy types to govern the deployment, orchestration and security posture of complex, multi-tier application topologies.

Extensible Policy-Driven Governance

A broad range of application-centric policy types control the deployment and enforce the standardization of applications and platforms. Agility Platform’s policies orchestrate the automated deployment of complex, multi-tier application topologies including application components such as databases, app servers, Web servers, load balancers, firewalls, VPN appliances, registration with third-party systems, and more. Agility Platform enforces cloud governance within a customizable, multilayered, organizational hierarchy model. Agility Platform also natively recognizes SDLC stages and events to allow organizations to customize governance controls as applications and their deployment environment are promoted across the stages of the SDLC. Agility Platform’s policy-driven governance enables a self-service consumption model and simplifies and automates management of cloud-based IT services.

Application Release Automation

Agility Platform provides a visual dashboard for the management and promotion of applications, deployment environments and code artifacts across the SDLC. Further, Agility Platform integrates with an organization’s existing software development tool chain to enable SDLC workflow automation as well as deployment into preferred cloud environments.

End-to-End Security Model

Agility Platform uses an end-to-end cloud security model that allows organizations to define high-level security policies and implement them in a consistent and automated manner across all workloads and deployment environments under management. Agility Platform also integrates with an organization’s existing security ecosystem, including single sign-on and role-based access control (RBAC) models, enabling enterprises to extend existing security controls through cloud applications managed by Agility Platform. This simplifies the integration with existing enterprise security and the creation and enforcement of custom security postures.

Self-Service Store

Agility Platform provides a fully governed, self-service portal to allow easy access to standardized and customizable applications, platforms and other as-a-service offerings for on-demand deployment, reducing IT provisioning time and manual overhead.

Enterprise Scalability

Agility Platform meets the scalability needs of any large enterprise. With compound auto-scaling policies that dynamically add new instances to a worker pool and resize the workload instances automatically, Agility Platform enables scaling of underlying application tiers (apps servers, Web servers, etc.) independently to balance cost and performance. Further, Agility Platform dynamically scales itself to manage large-scale environments and contains a distributed data collection architecture

that scales to large multi-cloud deployments and conserves network bandwidth.

CUSTOMER RESULTS

Some of the world’s largest and most sophisticated companies in financial services, healthcare and other highly regulated industries rely on Agility Platform to rapidly deliver applications and services leveraging a diverse range of private and public clouds. Customer benefits include:

- Increase in new application updates/ deployments, from 1,200 to 3,000 per month
- 95% reduction in time to market for provisioning custom enterprise platforms
- 97% reduction in time to market for provisioning standardized infrastructure services
- 42% total cost of ownership savings for business apps
- 84% operating cost savings for IT infrastructure services
- 48% increase in IT innovation investment — with an overall IT budget remaining constant

CSC CLOUD SERVICES AT A GLANCE

- BizCloud — Private cloud where performance and security are paramount (onsite or CSC hosted)
- Cloud IU for SAP — Fully managed cloud-enabled infrastructure tailored for SAP production, development and testing
- Cloud Migration Services — Accelerate migration of cloud-ready, x86 workloads to your enterprise cloud

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 ➔ **Learn more about CSC Agility Platform at csc.com/agility_platform or csc.com/contact_us.**

