The biggest returns are delivered with an enterprise cloud — one that’s safe and secure, with the performance your business needs. CSC Enterprise Cloud delivers secure, reliable Infrastructure as a Service (IaaS) for your back-office, customer-facing and mission-critical applications. It preserves capital, enables IT staff to focus on innovation and growth, and improves alignment between IT and the business by providing an agile IT infrastructure that’s scalable and available on demand.

Enterprise cloud benefits are real and deliver considerable value, but lack of knowledge, skills and resources can often be a barrier to migrating applications to the cloud. What if you could migrate your applications and workloads to an enterprise cloud without the time and risk typically associated with the process? What if you could accelerate the delivery of cloud benefits to your organization? With CSC Cloud Migration Services, you can make your migration painless, simple and fast.

THE SOLUTION
CSC Cloud Migration Services provide rapid migration of your x86, cloud-ready workloads to your enterprise cloud. The services allow you to rapidly and safely migrate existing virtual or physical servers to any of the CSC IaaS Enterprise Cloud offerings: CloudCompute, BizCloud or BizCloud VPE. CSC Cloud Migration Services integrate the migrated applications into your cloud service catalog and storefront, making them immediately accessible for operation in your cloud environment. Whether you’re migrating one server or entire application suites, CSC Cloud Migration Services make it quick and seamless. We can implement a clone migration, migrating the “as is” state of your environment, or we can implement a staged migration, using intermediate steps to mitigate network or other known risks. If the application entails worldwide deployments, we can manage multiple geographic server migrations simultaneously. And you control the scheduling.

The Standard service provides pre-migration validation of defined workload inventory, pilot migration, migration of virtual or physical OS instance to virtual instance in CSC Cloud; and validation of successful migration and production cutover. In addition, the service includes migration event planning and coordination.

SERVICE ELEMENTS
CSC’s Cloud Migration Services leverage our Migration Reference Architecture, global migration center of excellence and standardized processes to enable rapid migration of physical or virtual x86-based, cloud-ready workloads into CSC CloudCompute, BizCloud or BizCloud VPE.

CSC Migration Reference Architecture defines the migration strategy, methodology and migration type based on your server, application environment, and system and process dependencies.

CSC Global Migration Center of Excellence supplies the resources and technology, coordinates the execution team, develops the migration playbook, and executes based on the CSC Migration Reference Architecture. We draw on our worldwide staff and 24x7 capabilities for follow-the-sun implementation, as well as our experience migrating hundreds of thousands of servers.

Proven, standardized migration processes benefit from CSC-developed IP and migration technology to accelerate the movement of applications to the cloud.
CSC CLOUD SERVICES
AT A GLANCE

• ACE Factory — Transform and modernize your legacy and custom applications with a fast, reliable and predictable process

• CloudCompute — Infrastructure as a Service built for production workloads

• BizCloud — Private cloud where performance and security are paramount (onsite or CSC hosted)

• BizCloud VPE — Dedicated resources deployed as a service from CSC Cloud data centers

• Cloud IU for SAP — Fully managed cloud infrastructure tailored for SAP production, development and testing environments

• Cloud IU for SharePoint — Managed infrastructure utility optimized for SharePoint and scalable on demand

• CloudMail — Scalable, reliable and secure next-generation enterprise messaging, delivering end users anytime, anywhere access

SECURITY
Worried about security and control information associated with the servers and applications being migrated? No need. CSC follows the Cloud Security Alliance and CloudTrust Protocol to restore important security and control information that is typically lost when workloads are moved to the cloud.

MIgRATIoN PhASES

1. Planning encompasses validation of the workload inventory; readiness verification of the source and destination infrastructure; and determination of the appropriate migration strategy. This phase concludes with issuance of the migration plan document.

2. Scheduling includes the determination of the migration schedule, readiness of all resources and an hour-by-hour plan. It concludes with approval of the migration schedule.

3. Pre-Migration activities include deployment of migration tool agents and a benchmark. Benchmark migration is internal preparatory testing for timing, process and readiness of migration and validation of network and storage connectivity. Client notification of execution readiness concludes this phase.

4. Migration Execution consists of a pilot using a mutually agreed-upon, selected application and server set; migration of the remaining applications and servers; and validation that the migration has been completed successfully. This phase concludes with your user acceptance testing of the migration and final signoff.

5. Production Hand-Over is the end state, a successful hand-over of an operational cloud environment with your migrated applications.

WHY CSC FOR YOUR MIgRATIoN?
CSC has successfully virtualized and migrated physical and virtual servers for large multinational clients in unprecedented time frames with cost savings to the client. For an international insurance company, we supported a data center consolidation and virtualization initiative for more than 10,000 physical servers across 400 locations, increasing the client’s virtualization ratio from 25% to 80% and delivering savings of 30%. We saved more than $100 million for a national health service provider and migrated all its applications in less than 1 month.

Why CSC? Because we have the proven processes, skills and tools to deliver a faultless migration to your enterprise cloud.

CSC — COMMITTED TO YOUR SUCCESS
With more than 50 years of system integration experience, we understand the enterprise. Security is an integral component of all our offerings, processes and systems. Our high level of support helps you minimize risks.

FIND OUT MORE
http://www.csc.com/cloud
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