

# CloudCenter™

## Hybrid Cloud Management Platform (h-CMP™)

### What Does CloudCenter Provide?

CliQr brings together the core requirements needed for true enterprise-class hybrid cloud management:

**Full Lifecycle Management:** Migrate, govern, and manage one or many new or existing applications from any starting point.

**Cloud-Independence:** Deploy to physical, private, and public clouds via unique application-centric technology.

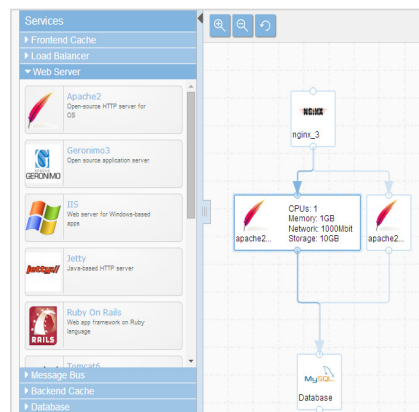
**Fast Time to Value:** Delivered as a packaged, intuitive platform—NOT a long services project.

**Enterprise-Class:** Scalable along multiple axes, integrates with existing tools and processes, extendable through a RESTful API, and secure.

### How Does CloudCenter Work?

Our patented application-centric approach enables unmatched portability by decoupling applications from the complexities of the underlying cloud with our cloud-agnostic Application Profiles. Easy to create from multiple starting points, Application Profiles are customizable within CloudCenter Manager front-end.

On the back-end, our Cloud Smart Orchestrator (CSO) encapsulates the best practices of each cloud and intelligently provisions and connects infrastructure based on your Application Profile. CSOs are available for all popular physical, public, and private clouds.



### What does Enterprise Class mean?

**Scalability:** Each CSO can manage up to 10,000 virtual machines, each CloudCenter Manager can interact with any number of CSOs.

**Federated Administration:** Multitenancy that enables secure separation of organizational units and delegation of administrative tasks.

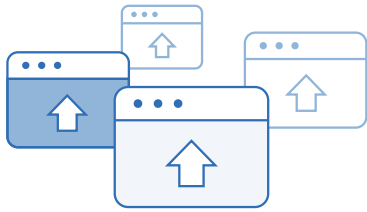
**Policy-Based Governance:** Spanning applications, clouds, and users to easily centralize control.

**Broad Application Type Support:** LAMP, HPC, batch jobs, Hadoop, Ruby on Rails, Java, Thick-Client, .NET, and more.

**Security:** From data at rest and in transit, to network isolation, key management and vaulting, audit logging, and more.

**Integrate and Extend:** Easily add more application types, clouds, services, and policies; a RESTful API can be used to integrate with existing systems.





## Migrate

**Multi-Cloud Storage Management:** A secure repository for binaries and data that can be synchronized across clouds with a simple drag-and-drop user interface.

**Application Profiles:** Accommodate different starting points from leveraging our pre-packaged templates for common architectures to importing from Tosca, CMDBs, or AWS CloudFormation to bulk image transformation.

**Service Library:** Use out-of-the-box service for common open source architectural components like NGINX, Tomcat, MySQL, AWS RDS, and others.

**Image Library:** Out-of-the-box images for common operating systems, open source middleware, and database packages. Bring your own image and utilize patent-pending transformation technology to run images natively on any cloud.



## Govern

**User Management:** Tiered multi-tenancy enables federated administration and role based access control allows for the granting/restricting of capabilities for applications, clouds and policies.

**Cloud Accounts Control:** Centrally administer configuration and pricing of individual clouds for a large audience of users.

**Application Policies:** An event-action framework enforces application behaviors like scaling, bursting and aging, and can be driven by trigger alerts.

**Financial Controls:** Usage metering across tenants so that billing and showback/chargebacks can be generated. Set up consumption plans based on number of active VMs, VM compute hours, budget burn downs, and more.



## Manage

**Benchmarking:** Simultaneously measure actual price, performance, and price-performance index for your application across any combination of clouds or instance type configurations.

**Runtime Management:** Monitor applications from a high level dashboard or get specific details. Change HA/DR configurations, move workloads from cloud to cloud, or pause, patch, and stop applications at any time.

**Release Management:** Create environments comprised of any combination of clouds that follow your Application Lifecycle Management stages, and optionally include approval workflow before applications get promoted between environments.

**Application Marketplace:** Maintain a marketplace of commonly used applications for single-click deployment to any cloud, ensuring consistent use across your organization—even among non-technical users.



### CliQr Technologies

3255-1 Scott Blvd, Suite 220, Santa Clara, CA 95054  
888.837.2739 • [info@cliqr.com](mailto:info@cliqr.com) • [www.cliqr.com](http://www.cliqr.com)