

# ACCELERATE THE JOURNEY TO MULTICLOUD

As digital transformation drives the distribution of services and controls closer to customers, employees, partners and ecosystems, 85% of enterprises are embracing multicloud<sup>1</sup> for better agility, flexibility and performance. Equinix and HCL Technologies (HCL) have partnered to help enterprises take control of their digital strategy by building a digital edge via a multicloud strategy.

HCL's proven consulting services empower businesses with a migration roadmap that best matches their divergent workloads to multiple clouds. To securely connect workloads to multiple clouds, the joint solution leverages Equinix Cloud Exchange Fabric™ (ECX Fabric™) to directly, securely and dynamically connect distributed infrastructure and digital ecosystems globally on Platform Equinix® via software-defined interconnection.

Businesses can leverage HCL and Equinix joint expertise to directly access required services to build sophisticated multicloud solutions that accelerate time to market with low-latency, high-bandwidth connections, while reducing costs and ensuring data integrity with private direct connections that bypass the internet.

Gain flexible, on-demand global interconnection, and accelerate the building of sophisticated multicloud solutions with proven, best-practices-driven cloud expertise

## Matching divergent workloads to multiclouds

Continuous innovation from cloud service providers presents enterprises with a dizzying array of cloud technologies and choices. With varying application workloads requiring different types of cloud services—private, public and hybrid—enterprises face the challenge of deciphering which cloud provider and cloud types are right for their organizations—both now and in the future. Other challenges include:

- Unpredictable user experience due to network variances
- Difficulty delivering cloud apps to globally dispersed customers, employees and partners
- Complexity of managing architecture, compliance and governance with cloud compute and data lake consumption across multiclouds

Equinix and HCL jointly solve these challenges with ECX Fabric and HCL Interconnection of Networks (ION).

## Interconnection of Networks (ION)

Enterprises need a new level of interconnectivity for multicloud access across globally dispersed sites and varied networks. Powered by ECX Fabric, ION is a hybrid cloud execution framework that eases the journey to multicloud, while providing the following benefits:

	<b>Faster time to market sharpens competitive edge</b>		<b>Highly available, low-latency connections accelerate performance</b>
	<b>Secure, direct connections that bypass the internet</b>		<b>Mix and match clouds to varied workloads</b>
	<b>Maximize benefits with a hybrid approach</b>		<b>Leverage cloud resources for migration and consolidation</b>

Together, Equinix and HCL deliver expertise—from design to deployment to migration—to ensure application performance and enhance user experience.

<sup>1</sup> Rightscale 2016 State of the Cloud report



### Faster time to market sharpens competitive edge

**Place strategic control points next to users, clouds and networks to shorten time to market and gain an instant competitive edge to meet customer demand.**

With cloud solutions delivered through a single port, enterprises gain a shorter time-to-market window—days instead of months—that offers an instant competitive edge when delivering new products and services to eager customers. Achieve the flexibility, scalability, agility and connectivity of starting with your preferred cloud, then add new clouds or switch clouds in minutes using a simple web portal or API.



### Highly available, low-latency connections accelerate performance

**Obtain secure, private cloud connections to public/multiclouds with extremely high availability and low latency.**

ECX Fabric brings together cloud service providers and users, enabling them to establish affordable, private, high-performance connections within Platform Equinix®. By directly connecting to multiple clouds, you can optimize your cloud strategy and maximize application performance to reach everywhere, interconnect everyone and integrate everything. Being milliseconds from the cloud, your data is easily accessible at the digital edge, which can be repatriated to a local private cloud as you grow. With pay-as-you-go cloud computing, this solution further optimizes your business' IT budget.



### Secure, direct connections that bypass the internet

**Leverage a secure private network to eliminate public internet's quality of service issues and ensure operational reliability.**

Avoid the unpredictable quality of service over the public internet by directly flowing your traffic to the public/multiclouds over ECX Fabric via secure, private network. This way, you will always know what and how your traffic flow looks like 24/7/365—today and in the future.



### Mix and match clouds to varied workloads

**Choose the right mix of clouds for your different application workloads and data**

Direct access to multiple clouds provides flexibility to choose the right mix of cloud from factors for your workloads on hand. For example, you can decide to run an analytics application in Amazon Web Services (AWS), but prefer to use Microsoft Azure to cloudburst from existing on-premises Microsoft infrastructure during a spike in demand for cloud capacity.



### Maximize benefits with a hybrid approach

**Enjoy benefits offered by both private and public cloud services with hybrid or multiclouds.**

Private cloud services allow businesses to retain control, but do not offer the low-cost, pay-per-use compute flexibility and scalability of public cloud services. Conversely, public cloud services provide flexibility and scalability, but require relinquishing control with data placed with cloud providers. Instead of relying on a single cloud type to meet all your needs, blending private and public resources with hybrid or multiclouds offers the best of both worlds.



### Leverage cloud resources for migration and consolidation

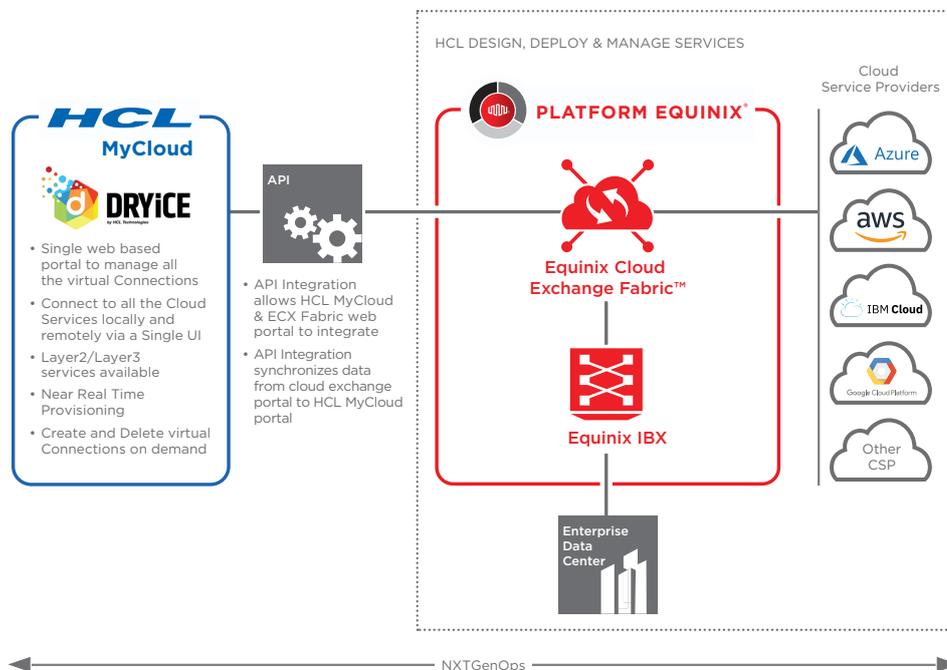
**Use temporary cloud resources when migrating or consolidating data centers.**

Maintain operations in the cloud as old data centers are decommissioned. Maintain the flexibility to keep using temporary cloud resources or move your data to a new data center.

## Simplify multicloud connectivity and provisioning through HCL Interconnection of Networks (ION)

HCL has been at the forefront of implementing cloud and virtualization technologies, assisting enterprises to drive business growth, and enable digital experience. We are helping customers in adopting best-in-class, next-generation data center architecture by leveraging multicloud connectivity. HCL have a hybrid cloud framework which comprise wide range of service offerings this include operations, transformation, automation, and cloud services. These services include "NXTGenOps" operational framework to manage and operate hybrid cloud; HCL MyCloud, web-based infrastructure management solution, to facilitate enterprise management; and hybrid cloud infrastructure control; HCL DRYICE platform leveraging the world's best artificial intelligence (AI) technology, IT automation and robotic process automation, enabling enterprises to operate leaner and faster while ensuring superior business outcomes.

These solutions paves the path for effective hybrid cloud management and operations. Ensuring enhanced agility, thereby facilitating the delivery of more automated and responsive business service.



### About Equinix

Equinix, Inc. (Nasdaq: EQIX) connects the world's leading businesses to their customers, employees and partners inside the most-interconnected data centers. In 52 markets across five continents, Equinix is where companies come together to realize new opportunities and accelerate their business, IT and cloud strategies.

In a digital economy where enterprise business models are increasingly interdependent, interconnection is essential to success. Equinix operates the only global interconnection platform, sparking new opportunities that are only possible when companies come together. [Equinix.com](https://www.equinix.com)

### About HCL

HCL Technologies help enterprises reimagine their businesses for the digital age. Through innovative technology solutions built around digital, IoT, cloud, automation, cybersecurity, analytics, infrastructure management and engineering services, HCL solve complex business problems for their clients. HCL's unique mode 1-2-3 strategy not only acts as its roadmap, but also as a model for enterprises in this age of disruption. [HCLTech.com](https://www.hcltech.com)

HCL provides end-to-end hybrid cloud services from consult, design, build and run. For more information on how HCL and Equinix can increase your business agility and reach, contact [NGDC-PMG@HCL.com](mailto:NGDC-PMG@HCL.com)