



Olympus boosts collaboration by integrating global IT and public clouds

Global endoscopy leader's new robust, scalable and easier-to-manage IT infrastructure supports cutting-edge research and development.

Case Study

OLYMPUS[®]



Olympus optimizes IT investment and strengthens governance by integrating disparate on-premises systems and seamlessly connecting to cloud on-ramps using Equinix Fabric®.

Challenge

Olympus, renowned for its optical equipment, has transformed into a medical technology company. It is now the global endoscopy leader, with a 70% market share. Owner of the first FDA-approved cloud-based AI endoscopic imaging diagnostic system, Olympus changed its infrastructure strategy to create a faster, more flexible and globally integrated platform that would be more scalable and reliable. The initiative would support its mission to drive digital transformation of modern healthcare worldwide while optimizing investment and strengthening governance.

Solution

Olympus saw Equinix as the best foundation for its big IT overhaul. Equinix data centers would ensure operational stability for the med-tech company's high-performance servers, while Equinix Fabric would provide flexible connections to public clouds. These features are essential for cutting-edge research and development.

In the network-neutral Equinix data centers, Olympus can interconnect with multiple carriers. Additionally, the data centers also ensure business continuity and the peace of mind that comes with knowing there is sufficient power and cooling capacity for current and future expansion needs.

Equinix Fabric

Provides flexible cloud connectivity.

Equinix data centers

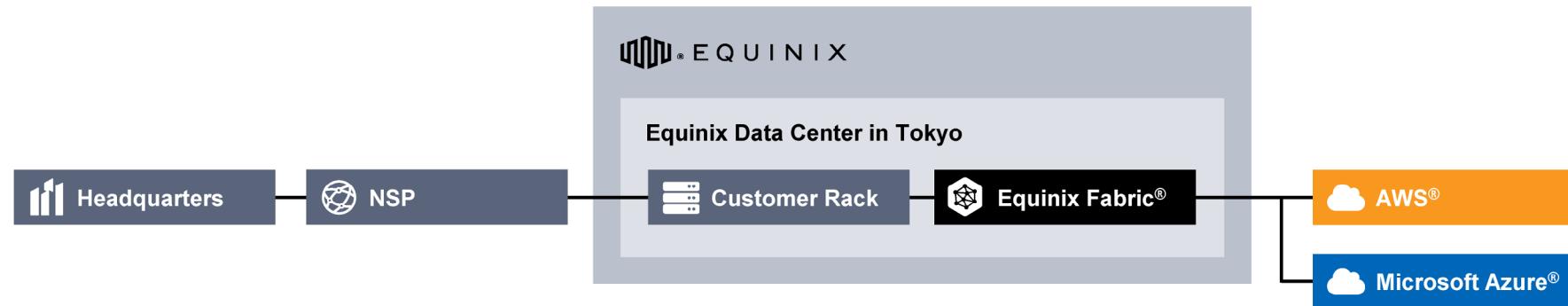
Ensure the stable operation of scalable computing systems for large-scale data collection and analysis.

Benefits

Olympus' newly integrated global IT infrastructure combines in-house operations with external services, making interdepartmental collaboration much smoother and easier for its employees. They also benefit from flexible and high-speed connectivity to multiple cloud providers, including Amazon Web Services® (AWS®) and Microsoft Azure®, through Equinix Fabric.

The high-bandwidth connections within the Equinix data center have significantly improved the performance of the existing high-performance computing environment. This enhancement will benefit other systems expected to be deployed in the future too.

The med-tech company is also looking forward to a more sustainability-minded IT infrastructure, citing Equinix's commitments to sustainability in service delivery and its science-based targets for emission reduction.



Adopting Equinix has significantly accelerated the transformation of Olympus' IT infrastructure, which now includes 16 racks with high-performance servers hosted at the Equinix data center in Tokyo supporting research and development.

About Equinix

Equinix (Nasdaq: EQIX) is the world's digital infrastructure company[®]. Digital leaders harness Equinix's trusted platform to bring together and interconnect foundational infrastructure at software speed. Equinix enables organizations to access all the right places, partners, and possibilities to scale with agility, speed the launch of digital services, deliver world-class experiences, and multiply their value, while supporting their sustainability goals.

[Equinix.com](https://equinix.com)

About Olympus

A Japan-based company with global operations, Olympus is renowned as a camera and optical equipment manufacturer, although medical equipment accounts for 80% of its sales. It is the undisputed number one manufacturer of gastrointestinal endoscopes, including gastroscopes and colonoscopes, accounting for 70% of the global sales. In 2019, the company shifted its focus to the med-tech field, particularly in endoscopes and therapeutic devices.

[Olympus-global.com](https://olympus-global.com)

“By leveraging Equinix's globally standardized operational structures and rules, we can quickly integrate and standardize our previously separate IT infrastructure operations from different overseas locations.”

Reiko Nakano, Senior Manager, Information Technology Infrastructure Lead, Japan, Olympus