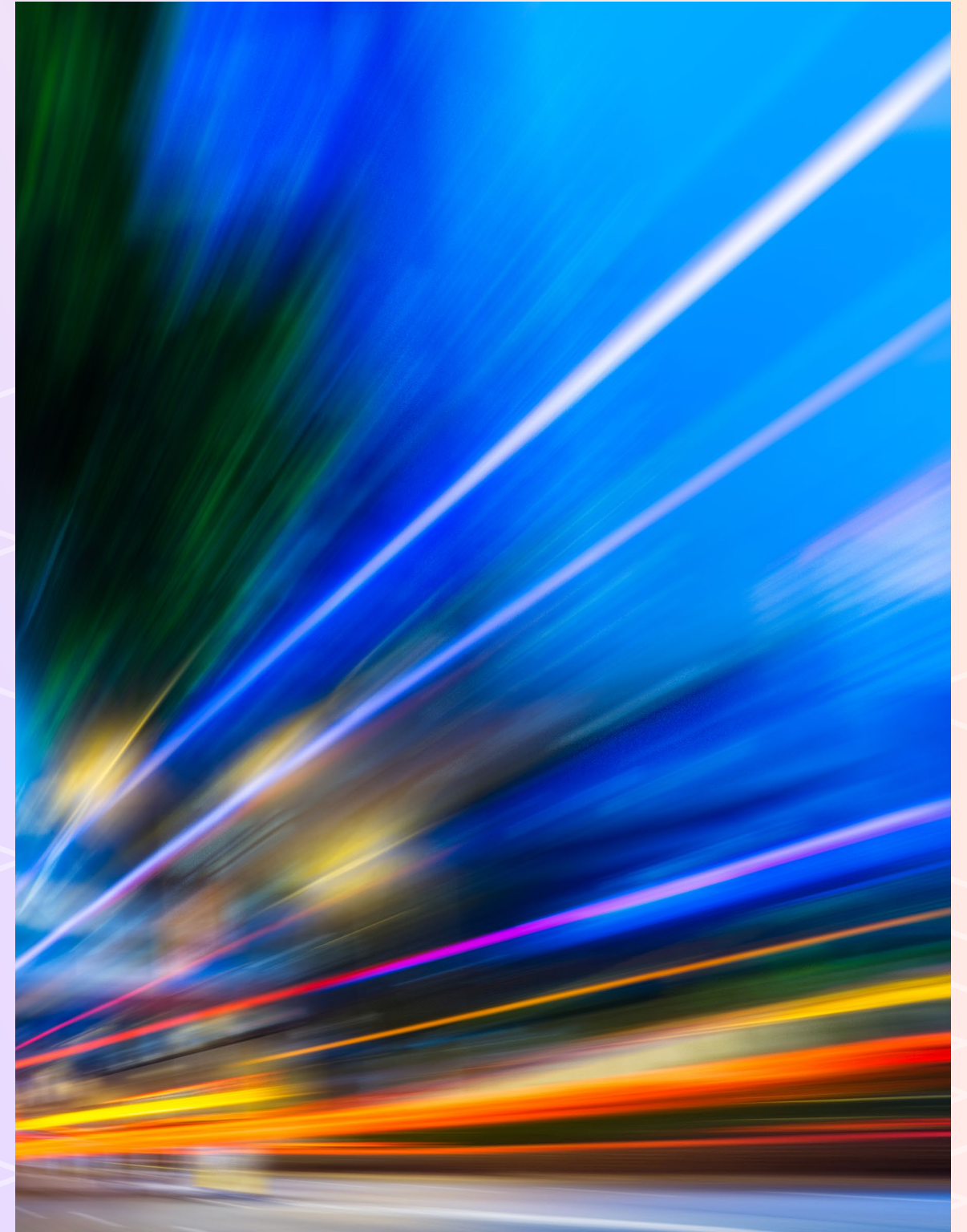EQUINIX

Panasonic

Panasonic Information Systems boosts database with multicloud connectivity

Reliable, direct cloud connections make for more flexible database managed services

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Case Study

Combining its database expertise with Equinix's cloud connectivity and data center reliability, Panasonic IS delivers Oracle® Exadata Managed Services— to customers and internally.
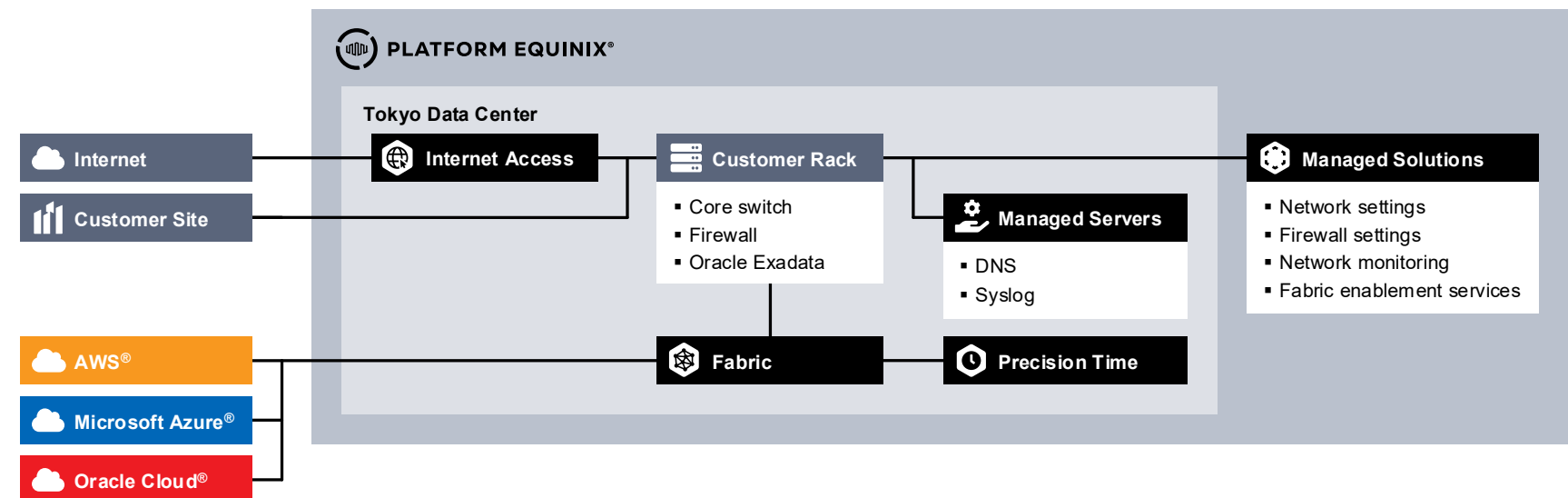
Challenge

Panasonic Information Systems (IS), once the Panasonic Group's internal IT division, has expanded to provide cloud-based database managed services to external clients. This shift required seamless, high-speed connectivity across multiple cloud platforms, such as Amazon Web Services (AWS) and Microsoft Azure, while also meeting Oracle's rigorous certification standards. Achieving these standards called for advanced management capabilities, such as exact order sequencing and swift network activation.

Solution

Equinix forms the core infrastructure for Panasonic IS to offer Oracle Exadata Managed Services. Using Equinix's Tokyo data center and Equinix Fabric®, Panasonic IS built a network hub with direct, low-latency connectivity across multiple public cloud platforms, ensuring agile deployment and seamless integration with AWS, Azure and others.

To enhance service delivery, Panasonic IS implemented Equinix Precision Time® for precise synchronization, critical for database operations. Equinix Managed Solutions minimize the expense and complexity of provisioning physical DNS and syslog servers. Meanwhile, Equinix Managed Servers provide advanced network monitoring, configuration support and shorter network infrastructure activation timelines.

Equinix's state-of-the-art data center and hybrid multicloud connectivity form the foundation of the new Oracle Exadata Managed Services by Panasonic IS.

Solution components

Equinix data centers

Built a robust network hub at the Tokyo data center to enhance multicloud database services.

Equinix Fabric

Enabled seamless hybrid multicloud connections for flexible, scalable infrastructure.

Equinix Precision Time

Improved time synchronization accuracy to optimize distributed database processes.

Equinix Managed Servers

Reduced cost and simplified server setup for DNS and syslog operations.

Equinix Managed Solutions

Delivered network monitoring, firewall configuration and support for quicker service rollouts.

Benefits

Panasonic IS introduced Oracle Exadata Managed Services in 2024, leveraging its expertise in managing 25 Exadata systems and over 2,000 databases within Panasonic Group's operations.

Equinix serves as the backbone of this initiative, aligning with Panasonic Transformation (PX), the group's strategy to modernize IT systems and business models.

Equinix ensures secure, high-speed connectivity while facilitating a seamless user experience for external customers. Additionally, Panasonic IS will utilize Equinix infrastructure for an upcoming disaster recovery plan, reinforcing operational continuity.

High-speed connectivity

Equinix Fabric connections in the Tokyo data center drive stable, high-performance, cloud-based database management.

Agile architecture

Equinix reduces operational delays with a cost-effective and highly customizable network framework.

Advanced management

This approach improves synchronization accuracy and streamlines operations with managed servers for DNS and syslog.

"Equinix provides not only a foundation for launching the Exadata Managed Services but also an effective platform to accelerate Panasonic Transformation (PX), the group's digital, cloud-centric strategy."

Takeshi Yokosuka, Head of the Platform Services Business Division, Infrastructure Solutions Department, Panasonic IS

About Panasonic IS

Panasonic Information Systems Co., Ltd. (Panasonic IS) was established in February 1999 as the information systems division of the Panasonic Group. It developed on-site IT services experiences, reliable development capabilities, and in-depth technical knowledge by supporting the Group's manufacturing sites, diverse businesses, and global operations. Panasonic IS is now an IT services company trusted by businesses within and outside the Group. Providing a wide range of IT solutions, Panasonic IS aims to make life and work easier for customers and business partners through the power of digital.

Panasonic.co.jp/is-c

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.

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Learn more

Drive your future forward on Platform Equinix®

Platform Equinix is where digital businesses bring together all the right places, partners and possibilities to create the digital infrastructure they need to succeed. It's the trusted foundation for digital infrastructure, enabling businesses to innovate and create value through our digital ecosystem of tools, technologies and capabilities from the most valuable partners and communities in the world.