



ORACLE

Optimize your cloud strategy with Equinix and Oracle

Accelerate your digital transformation
with flexibility and agility

Going faster and arriving safely

We are swiftly becoming a digital-first world. To stay competitive and meet the cloud mandate set by customers and competitors, enterprises must accelerate their digital transformation.

Just as important, this acceleration must be in the right direction. You need a flexible cloud solution that is simple to manage, can incorporate new cloud computing technologies, and can easily adapt to changing needs and priorities.

And whether your strategy is hybrid or multicloud, the journey presents significant cost, security and management challenges.

This e-book highlights how the strong partnership between Equinix and Oracle helps you build a powerful and flexible cloud environment. See how we can address your challenges to enable you to optimize workload performance, build a better B2B ecosystem and maximize value to your customers.

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Why maximizing value and competitive advantage depend on digital enablement

COVID-19 forced many enterprises to transform at speed, leaving them struggling to manage a sprawl of complex, inefficient and business-dragging legacy and cloud infrastructure. The majority of technologists—87%—say that the increasing complexity of their IT stack is causing long delays in identifying the root cause of performance issues.¹

At the same time, advances in new technologies such as artificial intelligence (AI), the internet of things (IoT) and edge computing enable the generation, collection and analysis of vast volumes of data from across the business, transforming strategic and operational decision-making.

With 47% of businesses saying that big data analytics has significantly changed the nature of competition in their industry,² the trend is clear: more agile and innovative digital-first competitors are closing in.

50%+ of global GDP will be contributed by digital-first enterprises before 2023.³

Harnessing new technologies is now essential for building the B2B ecosystem and achieving the digital lines of business that maximize value to customers and revenue growth.

1. "Agents of Transformation 2021: The Rise of Full-Stack Observability," AppDynamics, October 2021.
2. "Catch Them If You Can: How Leaders in Data and Analytics Have Pulled Ahead," McKinsey, September 2019.
3. "IDC Directions 2020," IDC, January 2020.

Optimizing digital transformation for business needs

Optimize performance and security

Whatever digital solution you go for, you need to ensure you maintain optimized performance and security with secure, low-latency and high-throughput connections at all times. This enables you to deliver data-driven work and easily adopt and deploy new technologies such as AI, ML and IoT.

80% of digital leaders will see the impact of connecting to multiple ecosystems—including improving value to end customers—by 2025.⁴

Going digital-first with your B2B ecosystem

Market trends highlight that all enterprises need to take advantage of digital ecosystems suited to their specific business needs—be that leading CSPs, content providers or digital supply chain partners. By going digital first with your B2B ecosystem as well as your IT infrastructure, you can both create an architecture optimized for your specific business needs and increase the value you deliver to end customers.

4. "Global Interconnection Index (GXI) Vol. 4," Equinix, September 2020.

Enabling the IT infrastructure that is right for you

Which cloud architecture is right for you?

To keep up with the speed of technology and achieve the greater levels of performance and agility that enable maximum value to customers, many enterprises have adopted a hybrid or multicloud strategy.

A hybrid cloud environment brings together on-premises edge computing infrastructure and private or public clouds. In doing so, it combines the performance and control benefits of an on-premises estate with the scale and cost advantages of the cloud.

A multicloud environment enables easy scalability and flexibility over workloads. Pick the right cloud for the right job while maintaining powerful cloud connections to optimize workload performance.

80% of enterprises use hybrid cloud.⁵

92% of enterprises have a multicloud strategy.⁵

5. "State of the Cloud Report," Flexera, March 2021

Understanding the challenges of hybrid and multicloud solutions

But enterprises that are looking to operate hybrid and multicloud architectures face particular challenges. These revolve around delivering the powerful, flexible and secure experiences needed to drive home digital advantage.



Cost

The costs of operating within the cloud can be exorbitant, outpacing the value an enterprise is gaining from doing business in the cloud.



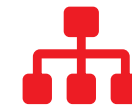
Security

Relying on the public internet to connect to cloud platforms often leads to unsecured connections and a lack of control over data and applications. Everyone wants the speed and power of cloud, but not the lack of security—particularly for key workloads.



Control and management

Moving workloads from private to public clouds, or between clouds, can be a complex process that is both difficult to manage and insecure, often risking breaches of data security compliance.



Alignment

Attempting to align various, disparate clouds in a multicloud or splitstack architecture solution can result in operational inefficiencies that eat up IT time and budget, and impede the ability to scale easily and achieve agility.

Together, Equinix and Oracle optimize hybrid and multicloud solutions for enterprises

Equinix and Oracle help enterprises build a flexible and powerful cloud environment by delivering hybrid and multicloud solutions. You achieve a simplified and aligned cloud strategy, enabling digital transformation through private, secure, high-performance connections to Oracle Cloud Infrastructure (OCI) via Equinix and FastConnect.

Equinix and Oracle provide the flexibility and powerful interconnection services that are key to business scaling, workload performance and infrastructure agility.



Multicloud solutions

- Gain private, on-demand and direct access to OCI (and to any other cloud service provider) from a single physical port with the Equinix Fabric™ software-defined interconnection platform.
- Easily and simply manage your Oracle workloads and other cloud services with split stack architecture on Platform Equinix®.



Hybrid Cloud Database solution

- Securely place your Exadata and database at an Equinix International Business Exchange™ (IBX®) data center in proximity to your applications in the public cloud for better performance, lower latency and data compliance.
- To demonstrate how your enterprise can benefit, no matter how unique your organization and requirements, Equinix offers proof of concept testing for our joint Hybrid Cloud Database solution.



B2B ecosystem

- Equinix enables direct connections to content providers like Dow Jones and SaaS providers like ServiceNow, through Equinix Fabric.
- Scale with simplicity and support your business via 2,000 new connections every month.

Seven benefits you gain with Equinix and Oracle

Every business is unique, and you need an IT infrastructure that suits you. By partnering with Equinix and Oracle, you can gain low-latency and high-throughput connections with industry-leading reliability.

1 **Improve sovereignty and compliance**

Locate your data in any of 235+ Equinix data centers and run workloads, Oracle databases and applications in-region to meet data residency requirements.

2 **Increase security and privacy**

Gain greater control over your data, workloads and applications with secure connections to the cloud that bypass the public internet and ensure safe, direct connections to OCI and any other cloud service providers via Equinix Fabric.

3 **Ensure easy workload migration**

Migrate your workloads to the cloud simply and securely, boosting performance and minimizing management hassle.

4 **Reduce costs**

Experience a 60% reduction in network costs with Equinix. We take the complexity and the cost out of cloud.

5 **Access a diverse, global, digital B2B ecosystem**

Gain easy access to Equinix's global ecosystem of 3,000+ cloud and IT service providers and unlock new digital capabilities and sources of value.

6 **Optimize workload performance**

Experience a 30% minimum reduction in latency through greater proximity to other cloud service providers for better application performance and greater cloud agility.

7 **Solve alignment issues**

Ensure maximum availability of mission-critical workloads by gaining seamless access to your cloud infrastructure in a single management pane. Gain 360-degree visibility of your cloud environment, allowing you to scale widely and easily.

The Equinix advantage



Powerful interconnection services

Gain access to Equinix Fabric and Network Edge to experience the benefits of interconnection.



Equinix is the multicloud expert

150+ global solution architects to help design and implement your cloud connectivity. Connect to any cloud with virtual and physical connections.



Scalability

Connect everywhere through a single portal and APIs, within a metro or globally.



Digital B2B ecosystem

3,000+ leading cloud and IT service providers, content providers including Thomson Reuters and NASDAQ, and supply chain partners, with 2,000+ new connections added every month.



Reliability

Experience the benefits of >99.999% uptime.



Strong Oracle partnership

Equinix is the first and largest FastConnect partner, hosting FastConnect for 3x more OCI regions than the next largest FastConnect partner.



Neutrality

We are a vendor-neutral digital infrastructure company.



Sustainability

Equinix have achieved >90% clean and renewable energy use for three straight years (up from 34% in 2015) toward our goal of 100% and committed \$3.7 billion in green bonds to drive investment in sustainable projects.

Use case: Leveraging new technological capabilities for U.S. Silica

Industry

Industrial minerals and logistics

Challenge

Leading commercial silica and diatomaceous earth producer U.S. Silica wanted to increase the performance, scalability and resiliency of its internal business processes, based on Oracle's JD Edwards enterprise resource planning (ERP) platform. The firm's legacy on-premises infrastructure was placing significant limitations on its company-wide ERP environment, hindering the IT team's ability to leverage new technological capabilities.

Working with Equinix

U.S. Silica accelerated its JD Edwards ERP reporting performance by 10x while adding resilient cloud disaster recovery on Platform Equinix with Oracle, BIAS and Datatility. Together, a redundant, interconnected cloud infrastructure was created, resulting in greater application performance and data.

What they achieved:

- Greater application and data performance
- Powerful scalability
- Efficient disaster recovery
- Ability to leverage new technology

Optimize your hybrid and multicloud environment today

About Equinix

As the world's digital infrastructure company™, Equinix enables businesses to deliver infrastructure for today's hybrid and multicloud environments. Digital leaders can modernize IT systems with multicloud capabilities, scale with cloud adjacent data, optimize application performance and build new digital capabilities with access to their choice of SaaS and business partners.

About Oracle Cloud

Oracle Cloud is the first public cloud built from the ground up to be a better cloud for every application, because in the cloud, one size does not fit all. By rethinking core engineering and systems design for cloud computing, we created innovations that accelerate migrations, deliver better reliability and performance for all applications, and offer the complete services businesses need to build innovative cloud applications. Oracle Cloud Infrastructure has all the services you need to migrate, build, and run all your IT, from existing enterprise workloads to new, cloud native applications and data platforms.

Ready to optimize your digital journey and build a powerful and flexible cloud environment?

To find out how Equinix and Oracle can help you optimize the performance of your workloads and B2B ecosystem, [book a free assessment](#) with our experts.

Questions?

Equinix.com/Contact-Us
