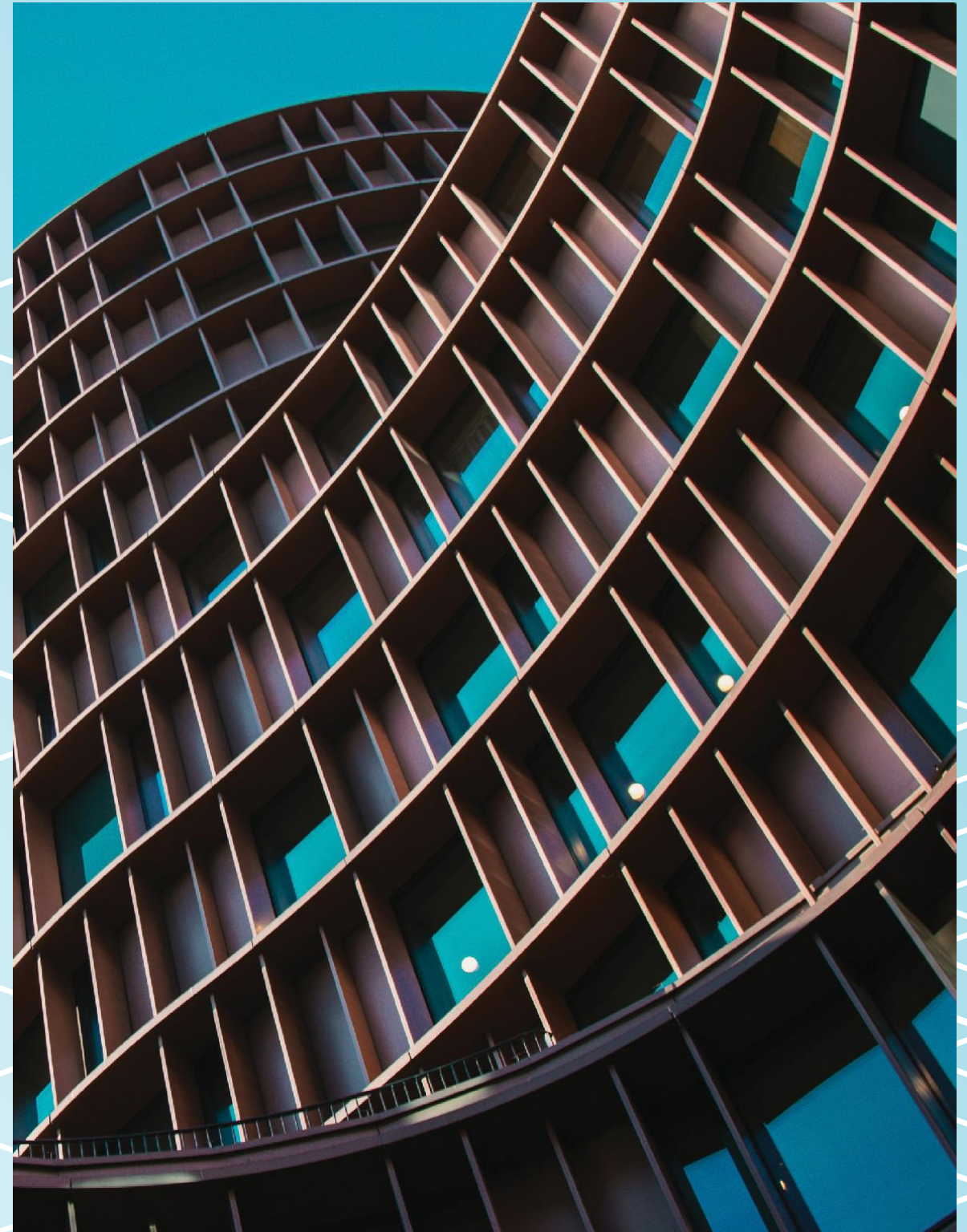




Accelerate and scale your AI initiatives globally with future-ready solutions

Simplify AI Complexities with Market-Tested Expertise and
Innovative Distributed AI Infrastructure from Equinix, WWT and
Cisco

Solution Brief



Equinix and World Wide Technology (WWT), together with Cisco, deliver future-proof solutions that enable secure, reliable and high-performance AI workloads. Together, we meet your business requirements, wherever your data lives—at the edge, in the cloud, or within the core.

Challenge

AI has the potential to transform businesses, but the path to impactful results is often blocked by complex challenges—from strategic alignment and architectural silos to scalability and data privacy.

The Capacity and Power Constraint

The most immediate hurdle is finding a place to put AI. High-density compute requires massive power and specialized cooling that most legacy, private data centers cannot provide. This lack of available capacity has become a critical bottleneck, often delaying AI initiatives indefinitely.

Infrastructure Demands Outpacing Facilities

AI-specific thermal loads are breaking the limits of conventional air cooling. As power demands soar, the need for liquid-cooled environments and high-density power distribution has shifted infrastructure design from a back-office function to a front-line strategic priority.

The Performance and Proximity Gap

Organizations must now balance the massive power requirements of AI with the need to keep data physically close to users. Securing this specialized capacity while maintaining low-latency inference and meeting sustainability goals creates a complex puzzle for modern IT teams.

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

Solution

A Unified Framework for Distributed AI

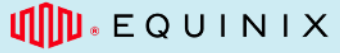
WWT experts combine deep industry knowledge with proven frameworks to help you identify high-value use cases and integrate AI into operations in ways that are practical, scalable and impactful.

Cisco delivers a full-stack AI infrastructure platform that unifies high-performance networking, computing, storage, and observability to securely run AI workloads at scale. With validated reference architectures and integrated lifecycle automation, Cisco helps enterprises rapidly design, deploy, and operate AI Infrastructure that is resilient, energy-efficient, and optimized for both training and inference.

Equinix provides the foundational Distributed AI infrastructure, offering a state-of-the-art platform that connects data, compute, and governance. This allows for a high level of control and customization, ensuring that both the AI services and the underlying infrastructure are optimized for global availability and performance.

Stay in Control with Data Privacy and Solutions on Your Terms

Choose from a customizable portfolio offering turnkey or bespoke solutions tailored to your organization's timeline, performance, data governance, security, and pricing needs. By placing AI workloads on private, distributed infrastructure, you maintain sovereignty over your proprietary models and data.



10+

years of experience in AI solution delivery

World Wide Technology delivers trusted, high-performance architecture solutions validated through its AI Proving Ground, plus industry expertise to enable data-driven AI outcomes that align with your business goals.

\$9B+

in AI infrastructure orders

Cisco provides the critical infrastructure for the AI era—combining the networking power of Silicon One, unmatched visibility through observability, and a security-first architecture to deliver an automated, predictive, and sovereign AI-ready network from the data center to the edge.

280+

data centers globally, offering a turnkey AI-ready environment

Equinix AI-ready data centers offer the ideal foundation to future-proof your AI—seamlessly connecting your data from edge to cloud with high performance, privacy, global scalability and interconnections.

Limitless AI Possibilities Start with a Strong Foundation

Shorten the path to high-impact results with trusted global leaders. Move forward confidently with market-tested expertise and innovative solutions that simplify AI complexities to drive strong ROI.

We turn your AI vision into tangible results through:

- **Scalable Roadmaps:** Modernizing data infrastructure to support GenAI, NLP, and computer vision.
- **Hybrid Multicloud Connectivity:** Leveraging over 500,000 global connections to move data safely between network service providers, business applications, and all major public cloud environments.

Use cases

Data Sovereignty & Governance

AI initiatives with the highest ROI involve proprietary organizational data. With combined solutions from WWT, Cisco, and Equinix, you achieve privacy and compliance by keeping data within your control while maintaining unmatched performance for training and inference.

Distributed AI & Edge Inference

Deploy AI-optimized infrastructure that bridges the gap between your data sources and your users. By distributing compute across the edge and the core, you enable real-time inference with global scale, ensuring your data flows safely across the WAN to the transactions that run your business.

Validation and Proof of Concept

Moving from a vision to a production-ready AI environment requires rigorous testing. WWT and Equinix provide parallel environments to mitigate risk and accelerate time-to-market.

- **WWT AI Proving Ground:** These state-of-the-art environments allow you to experiment, test, and innovate securely and at scale. From strategic use case identification to data sanitization and application testing, the AI Proving Ground optimizes efficiency before full-scale deployment.
- **Equinix Solution Validation Centers (SVC):** To ensure your underlying infrastructure can handle the rigors of modern AI, Equinix SVCs provide a real-world environment to test high-density power configurations, liquid cooling readiness, and global interconnection performance.

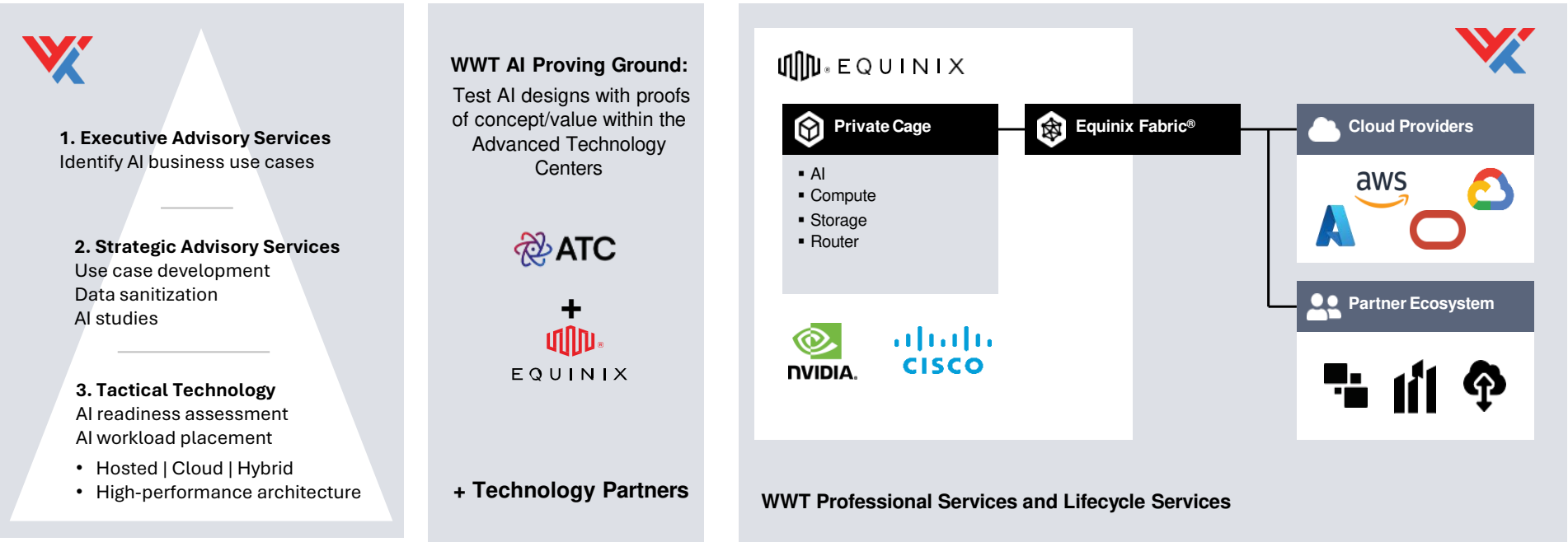
Managed Services by WWT

Built to scale with your business, WWT offers customizable service engagements and a range of managed services to accelerate digital transformation, including:

- Service Desk as a Service (SDaaS)
- Full Day 2 Remote Monitoring, Management, and Remediation Services
- Holistic Enterprise Support

“I don’t know how you take a team like ours and deploy infrastructure that’s the equivalent of what public companies deploy, but the three teams managed to do something of that scale in an efficient fashion that actually saves us money over the long term.”

- Tomás Puig, Founder and CEO, Alembic Technologies



Client AI Lifecycle

Equinix offers nearly 400 public and FedRAMP accredited cloud service providers. Certifications include NIST 800-53 (CONUS) FISMA High Certified and ISO 27001 (OCONUS).

About World Wide Technology

WWT is a global technology solutions provider leading the AI and Digital Revolution. WWT combines the power of strategy, execution and partnership to accelerate digital transformational outcomes for organizations around the globe. Through its Advanced Technology Center, a collaborative ecosystem of the world's most advanced hardware and software solutions, WWT helps clients and partners conceptualize, test and validate innovative technology solutions for the best business outcomes and then deploys them at scale through its global warehousing, distribution and integration capabilities.

[WWT.com](https://www.wwt.com)

About Cisco

Cisco (Nasdaq: CSCO) is the worldwide technology leader that securely connects everything to make anything possible. Our purpose is to power an inclusive future for all by helping our customers reimagine their applications, power hybrid work, secure their enterprise, transform their infrastructure, and meet their sustainability goals.

[Cisco.com](https://www.cisco.com)

About Equinix

Equinix, Inc. (Nasdaq: EQIX) shortens the path to boundless connectivity anywhere in the world. Its digital infrastructure, data center footprint and interconnected ecosystems empower innovations that enhance our work, life and planet. Equinix connects economies, countries, organizations and communities, delivering seamless digital experiences and cutting-edge AI—quickly, efficiently and everywhere.

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

Ready to get started?

Equinix, WWT, and Cisco can work together to offer you:

- AI Readiness Assessments
- Hybrid AI Workload Assessments
- Distributed AI Cloud Connectivity Advisory

Or, visit our website to learn more:

[WWT & Equinix](#)

[Cisco & Equinix](#)

[Contact us](#)

Drive your future forward with Equinix

Equinix provides the accessible, scalable, secure digital infrastructure that shapes your success. Our data center footprint and unmatched global ecosystem bring you to the forefront of innovation—and closer to your goals. With interconnection-rich solutions built for speed and scale, we shorten the path to boundless connectivity, anywhere in the world.