



Every AI model needs infrastructure that can keep up. Build the connections that deliver.

The foundation matters as much as the model.

The bottleneck is rarely the algorithm; it is the path the data takes to get there. When data cannot move fast enough, if the connections cannot handle the load, AI underperforms regardless how good the model is.

Telstra International, in partnership with Equinix, gives enterprises the connectivity and infrastructure to change that. Because when your data moves with speed, security and purpose — those are connections that matter.

The right AI infrastructure is shaped as much by the connections that move data as the compute that processes it.

THE CHALLENGE

Seven reasons AI pilots stall before they scale

95%

of Generative AI pilots never reach production.

Source: MIT Sloan Management Review, 2025



Legacy networks were not built for AI traffic. Data flow becomes unpredictable, and performance suffers.



Infrastructure mismatch keeps proof-of-concepts stuck. High-density compute and advanced cooling demands exceed what most legacy systems can handle.



Data logistics costs drain budgets before value is proven.



Egress fees and complex connectivity models make AI infrastructure expensive to run and harder to justify to the business when ROI is not yet clear.



Data silos fragment AI performance. Data silos mean AI models train and run on incomplete, inconsistent data. When information is scattered across departments, factories and cloud platforms, outputs cannot be trusted and pilots cannot progress to production until the data problem is solved.



Sovereignty and security requirements can stop AI pilots entirely. When compliance and legal teams identify cross-border data residency risks mid-deployment, projects get paused and often never restarted.



Limited observability means performance problems and security gaps go undetected until it is too late. Workloads route inefficiently, latency spikes go unexplained, and when something breaks across a hybrid cloud environment, teams cannot diagnose why or fix it quickly enough to salvage the pilot.

MARKET REALITY

The window to act is now. What you do next is what separates you.

AI investment is accelerating across every industry, but most of it is still sitting in pilots. The organisations pulling ahead are making the same call: get the infrastructure right before the model gets deployed. That means treating connectivity, data architecture and physical infrastructure as the starting point for AI — not a follow-on decision made after something breaks.

92%

of companies plan to increase AI investments over the next three years.

Source: Gartner, "Emerging Tech: The Future of Agentic AI in Enterprise Applications", September 2025

40%

of enterprise applications will include task-specific AI agents by 2026, up from less than 5% in 2025.

Source: McKinsey, "Superagency in the Workplace," January 2025

31%

are actively working to cut the cost of AI data transport and storage

Source: IDC "The Emergence of Distributed Data", September 2025

Your AI foundation needs:



GPU-ready compute at the right locations



AI-ready data centres built for density and cooling



Resilient, low-latency global connectivity that holds under load

OUR PARTNERSHIP

Telstra International and Equinix

10 years of joint investment. One integrated platform. A global network paired with AI-ready data centres, working as one.

Telstra International brings extensive subsea and terrestrial fibre connectivity across Asia Pacific and programmable transport and spectrum-level capacity. Equinix brings AI-optimised data centre facilities from core regions to edge nodes. Together, they give your business a single, tightly integrated platform for AI where high-density compute and the connectivity to feed it are already working together. You do not have to stitch the two together yourself.

Global multi-cloud backbone



High-bandwidth, low-latency connectivity between regional data centres and major cloud hubs, with virtual network functions at strategic locations and no physical hardware required.

WAN underlay for branch connectivity



Secure IP-VPN from branch to data centre, with optimised access to SaaS and cloud services and virtualised network functions at the edge.



35+ metros.



17 countries.



92 data centres.



10,000 cross connects.

This is what "Connections that matter" looks like at scale.

The partnership at a glance

Telstra International: Global reach in close to 200 countries and territories. 400,000+ km subsea network across 30+ cable systems.

Equinix: 270+ data centres in 30+ countries. 70+ metros worldwide. 200+ cloud on-ramps for on-demand hyperscaler connections.

Our combined value: 10,000 cross connects, 300+ fabric ports and 900 virtual connections across the shared platform.

USE CASES

Built for workloads you're running now

Agentic AI

Autonomous agents need low-latency, high-speed connections to collaborate across services in real time. Our network-as-a-service and on-demand virtual routing make that happen.

AI Inferencing

Fast inferencing depends on latency. Our 400G Ethernet Private Line (EPL) links and hybrid cloud interconnection move data and models quickly while keeping egress costs down.

Multi-Cloud Connectivity

Direct cloud-to-enterprise connections are the baseline for AI performance. High-bandwidth cross-region links and secure traffic routing are built into the platform.

More than 100 joint customers. Over 60% of the Fortune 500. Connections that matter, at a scale that counts.

WHY TELSTRA INTERNATIONAL AND EQUINIX

Five things you get that matter

1 Control over how your data moves

Telstra International's deterministic, high-bandwidth connectivity paired with Equinix Fabric, a software-defined interconnection platform that links directly to clouds, networks and partners, gives you full visibility from branch to data centre. You decide how workloads route.

2 Lower latency where AI performance lives

Multi-cloud backbone: 400G EPL Layer 2 connectivity with Equinix Fabric Cloud Router for hybrid cloud connections.

Branch-to-data centre: IP-VPN with guaranteed SLAs, SD-WAN overlays for intelligent routing, and Network Edge hubs for fast, flexible cloud access.

3 Global reach, local reliability

Close to 200 countries and territories. 400,000+ km of subsea network. Local support in 30+ countries. The scale to run AI workloads wherever your business operates.

4 Security and uptime in your contract

Physical security: 99.999% uptime. Patented multi-level physical security with biometric access and on-site staff, 24/7/365.

Redundancy: N+1 architecture, uninterruptible power, rapid generator activation and advanced cooling across the global data centre footprint.

Compliance: ISO/IEC 27001:2022, SOC 2 Type 1/2, PCI DSS and more.

5 Ecosystem access and a sustainability commitment

Largest ecosystem: 10,000+ customers, 200+ cloud on-ramps, 1-2ms from most major clouds via Equinix Fabric.

Sustainability: 96% renewable energy today, with a commitment to reach 100% by 2030 and 1GW+ of wind and solar in power purchase agreements globally.

HOW TELSTRA INTERNATIONAL SHOWS UP

Four commitments in every connection



Solutions

Global reach with local support in 30+ countries, offering extensive network infrastructure.



Partnership

10+ years with Equinix, and a multiple award winner of the Equinix APAC Partner of the Year. Deep relationships with the world's leading technology companies. You inherit the ecosystem.



Trust

80 years of global connectivity. ISO/IEC 27001 certified. Enterprise SLAs with the technical teams to honour them.



Innovation

Programmable transport, software-defined networks and AI-ready infrastructure, built for today's workloads and tomorrow's.

**AI without the right connections is just expensive guesswork.
We can fix that.**

About Telstra International

Telstra International is a trusted digital infrastructure and connectivity partner across Asia Pacific, and the global arm of Telstra. We connect to close to 200 countries and territories across 30+ cable systems spanning 400,000+ km, with 38 cable landing stations across Asia, Australia, Europe and the Americas.

telstrainternational.com

About Equinix

Equinix is the world's digital infrastructure company®. Digital leaders use Equinix's trusted platform to bring together and interconnect foundational infrastructure at software speed, helping organisations scale with agility and launch digital services faster.

equinix.com

Ready to make connections that matter?

Talk to a Telstra International specialist and turn your AI strategy into infrastructure that performs.

 telstrainternational.com/en/enterprise

