

Global Fabric: the network solution for today and tomorrow



Our new Network as a Service (NaaS) platform, Global Fabric, transforms and future-proofs connectivity through the world's largest pre-integrated cloud and public network.

The future of connectivity is cloud-centric and global organisations are exploring new technologies and processes in a bid to operate successfully in this new environment. Traditional site-to-site network architectures are rarely set up to support the connectivity and multi-cloud, multi-edge ecosystems that are the future of operations.

To meet this challenge, organisations need a partner to future-proof their connectivity; deliver robust network resiliency; provide the flexibility and agility needed to seamlessly adjust to multi-cloud complexity; and ensure key apps perform, even when workloads are increasingly distributed.

Current network issues holding organisations back from a cloud-first reality:



1. Optimising app performance

Wherever an application is hosted, the effectiveness of its connectivity to other workloads across a complex hybrid ecosystem is critical to its performance. Poor performance leads to poor customer experience, reduced engagement and lower productivity.



2. Delivering operational flexibility

Manual partner processes with long lead times are a 'drag' on the organisation's ability to be agile and respond to market conditions. Connectivity should change as the organisation changes.



3. Managing network costs

As more workloads move to the cloud, complexity goes up and cost visibility goes down, especially when moving data out of hyperscaler environments, potentially causing high egress charges / bill shock. Organisations want flexibility, greater cost clarity and confidence that they only pay for what they use.



4. Enabling robust security

Connecting to a complex multi-cloud environment and enabling hybrid remote working exponentially increases attack surfaces. Organisations want security embedded in the network and to layer in additional security controls, moving towards Zero Trust without impacting performance and user experience.



5. Driving sustainability as part of transformation

Organisations need to be able to calculate how to reduce their carbon footprint using modern, energy-efficient networks to manage and reduce Scope 3 emissions.

A next-generation network that transforms connectivity

Global Fabric is the key to navigating through these issues towards an effective cloud-first model:

Improve productivity by avoiding application downtime

Global Fabric has a high-capacity core, real-time and historical performance metrics, integrated global cloud coverage, dense metro architecture (with at least two Points of Presence (PoPs) in each metro) and software-defined intent-based routing. This allows you to smoothly manage and optimise the performance and reliability of latency sensitive in-life business-critical applications.

Keep connected as you change

You can make near-real-time logical changes via an easy-to-use digital user interface and cutting-edge API-first integration. With just a few clicks, your team can configure and control the network logically, making adjustments such as creating new connections and changing bandwidth. Plus, with Global Fabric you can run different services concurrently without requiring dedicated ports and access for each service. It's also pre-connected to a diverse range of services and partners, giving you greater adaptability as your requirements evolve.

Optimise your cloud and network costs

A pay-as-you-use model means you only pay for the services or resources you need. This gives your team the agility to scale services up or down based on actual needs, optimising both costs and resource allocation. What's more, pre-connected links to hyperscalers offer a stable and cost-effective alternative to high-cost, unpredictable egress charges via the public internet.

Reduce your cyber risk

Global Fabric has DDoS detection and mitigation as standard and can also support advanced DDoS protection services. It also offers a mix of security service insertion into Carrier Neutral Facilities - either virtually or physically - and pre-integrated direct peering links to Security Service Edge partners. It's designed to support quick and consistent deployments of unified, end-to-end overlay functions such as SASE and endpoint and identity security.

Drive sustainability

With Global Fabric you can use our dedicated Carbon Network Dashboard to baseline, monitor and manage devices across your entire estate, providing full carbon footprint data for your Scope 3 reporting. Plus, with our Digital Carbon Calculator you can make smarter, more sustainable decisions about how to run your workloads and applications.

Why Global Fabric is the right choice

- **Global scale and resiliency** - available in over 200+ countries, with direct, high-bandwidth connectivity to over 700 data centres worldwide.
- **Enhanced operational flexibility** - 630 cloud products pre-integrated e.g., SaaS, SASE and Office 365 plus direct cloud coverage to 74% of hyperscaler PoP locations.
- **Built at the doorstep to the cloud** - direct hyperscaler (AWS, GCP, Azure) connectivity in sub five minutes.
- **End-to-end multi-service** - easily switch between IP VPN, internet and ethernet.
- **Simply search, select and connect** from or to any location or cloud in minutes.
- **Get cost clarity and contract flexibility** - pay only for what you need, with no contract lock-in.
- **Flexible management options** - choose either DIY, fully managed or hybrid.
- **Security without impacting performance** - supports Zero Trust, and has embedded DDoS and advanced DDoS protection services. End-to-end control over routing makes data sovereignty simple and reliable.
- **Reduced carbon footprint** - 100% renewable energy with a carbon footprint 79% lower than our current MPLS network.

Future-ready network resilience

Global Fabric empowers IT leaders to embrace a cloud-centric future. This transformative solution, built in new global locations using the latest hardware and software technology, allows us to redefine connectivity for modern global organisations.

As your strategic partner, we'll guide you through the complexities of modern networking, highlighting how Global Fabric can deliver a comprehensive and future-proof solution. Get ready for unparalleled efficiency, resilience and success in the dynamic landscape of global connectivity.

Talk to your account manager today to find out more about Global Fabric.