

Global 5G connectivity, deployed in minutes

Flexible Wireless Access Solution



“ A new offering for flexible wireless access (FWA) at a time in which businesses are searching for reliable, cost-effective connectivity in new places.”

Power your global operations

As digital connections become faster and more widespread, you need connectivity that is seamless, reliable and cost-effective to power your global operations.

Network infrastructure must be secure and highly available and it must also be deployed quickly and effectively.

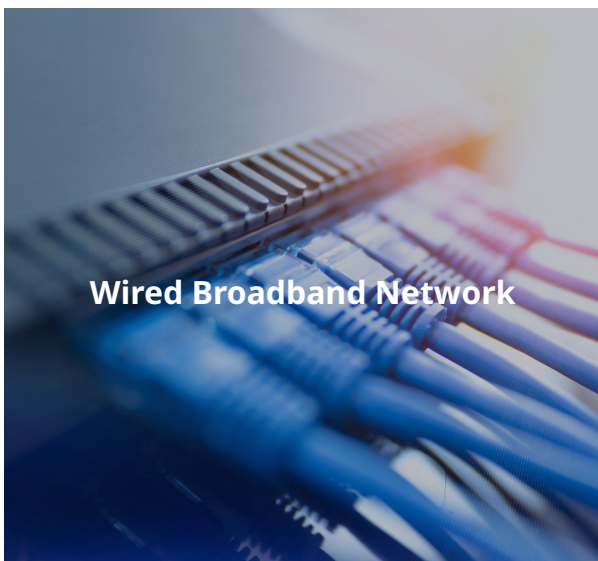
Today's WAN or FWA is not a perfect solution

Traditional wide area networks (WANs) has long been the backbone of network connectivity, but it comes with significant drawbacks:

- **Operating cost:** A single circuit can cost upwards of \$60,000 over five years.
- **Deployment speed:** Setting up wired connections can take weeks or even months, which has an impact on business operations.
- **Management complexity:** Managing multiple carrier agreements and contracts creates complexity and an unwanted administrative burden.
- **Downtime cost:** The average cost of business network downtime is \$6,000 per minute.

FWA solutions still face significant deployment challenges, complicating inventory management, the deployment process and contract negotiations. This complexity leads to higher costs and a longer time to availability for enterprises:

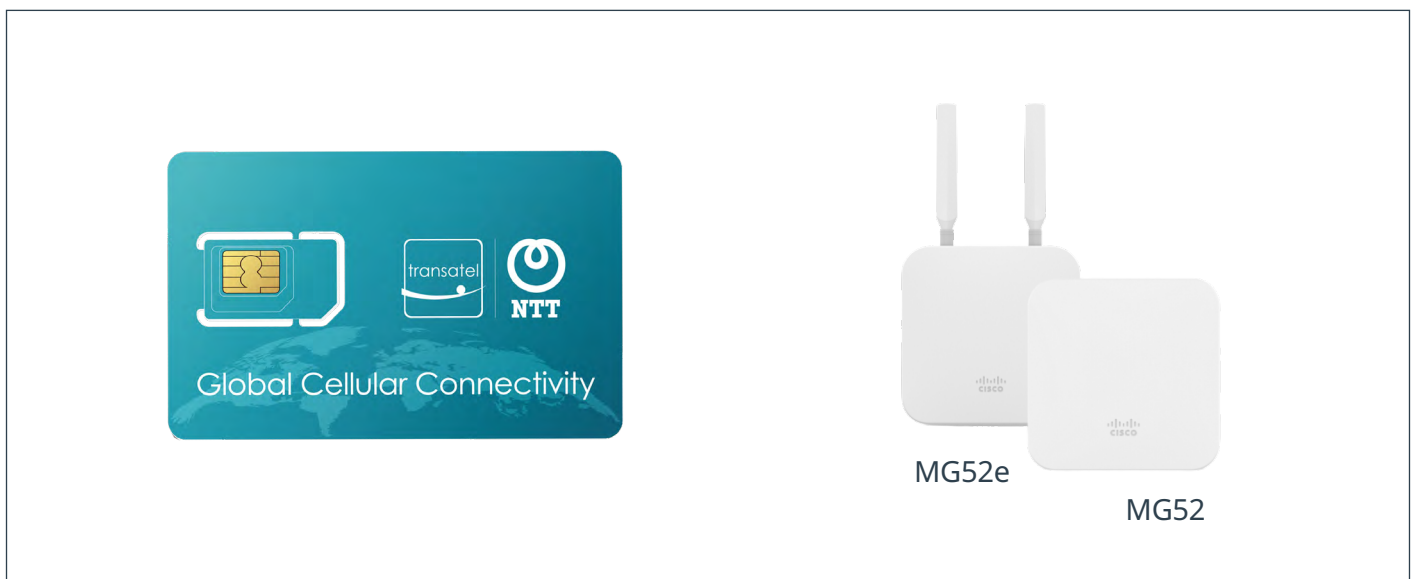
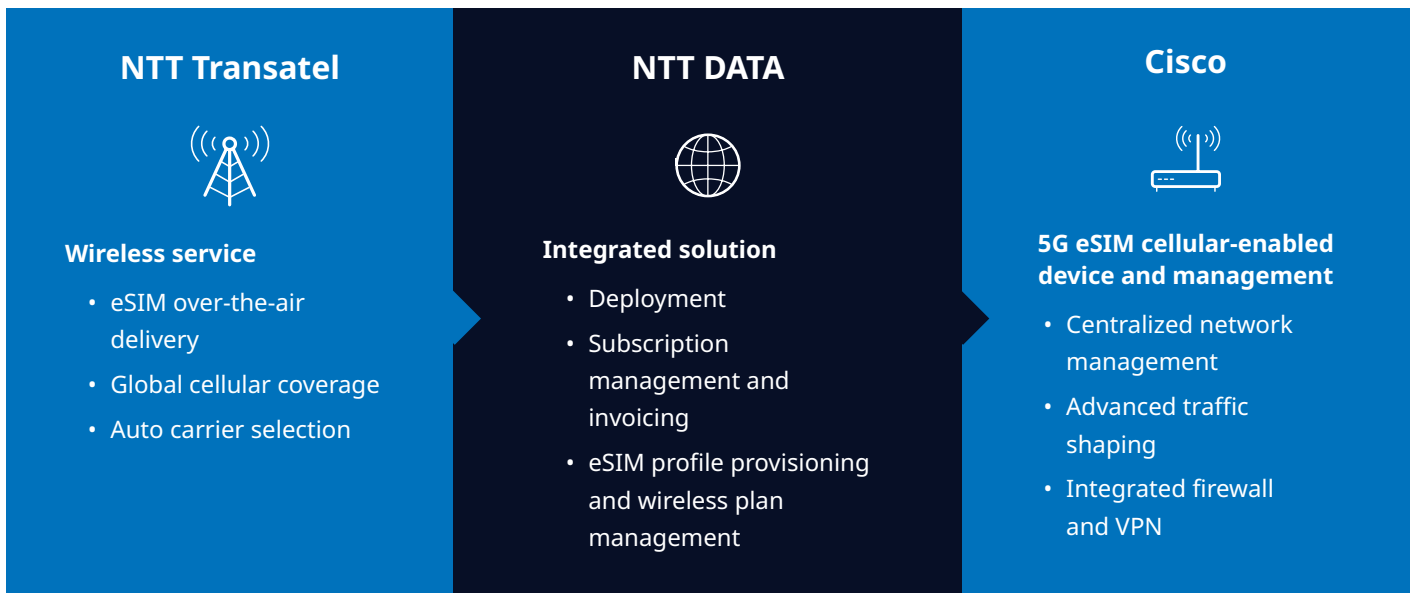
- Physical SIM installations in cellular gateways require truck rolls, increasing labor costs and time.
- Staging for manual SIM card installations adds extra steps and increases overheads.
- Reshipping cellular gateways to their final locations adds logistics expenses.
- Negotiating with multiple carriers and managing multiple 5G service contracts increases administrative burden.
- Starting up a new branch can take over eight weeks.



Stay connected without breaking the bank

NTT Transatel 5G cellular connectivity on a Cisco eSIM cellular-enabled network devices

NTT DATA's FWA solution offers instant connectivity to 5G networks and a simplified management experience. It integrates our NTT Transatel wireless service with a Cisco portal for seamless connectivity.



Business benefits

Accelerate time to market

The quick set up of eSIM-enabled network devices with our NTT Transatel global connectivity enables you to establish connectivity in minutes rather than weeks.

Reduce costs

Using FWA instead of traditional WAN avoids the high costs associated with laying fiber and Multiprotocol Label Switching (MPLS) circuits.

Enhance security*

NTT DATA's FWA integrates advanced security features such as firewalls, virtual private networks (VPNs) and traffic shaping. When used as the primary network, FWA can also keep traffic off the core enterprise network.

*when MG52 is paired with MX for SD-WAN & Security

Ensure high availability and reliability

Benefit from robust primary or backup connectivity that does not rely on the same physical routes as traditional landlines.

Boost operational efficiency

Centralized management through the Cisco portal allows you to oversee your network from a single interface, streamlining deployment, monitoring and troubleshooting.

Key features

We deliver a seamless, secure and globally optimized FWA solution that combines Cisco's cutting-edge devices, embedded with 5G eSIM technology, and NTT DATA's global connectivity through NTT Transatel.

Instant, frictionless global activation

- eSIMs replace physical SIMs for hassle-free network connectivity.

eSIM technology

- Over-the-air eSIM delivery provides seamless global cellular coverage and auto carrier selection.

eSIM 5G hardware

- eSIM-enabled network devices with NTT Transatel global connectivity ensure rapid deployment.
- Cisco Meraki MG52 adopts to future-ready 5G standalone (SA) technology and zero-touch provisioning.

Built-in security

- End-to-end advanced encryption and authentication methods, along with the use of artificial intelligence and machine learning (AI/ML) for threat detection and response, enhance network security.

Centralized management

- Cisco's portal (Meraki dashboard and Catalyst SD-WAN Manager*) offers unified cloud management, simplifying deployment, monitoring and trouble shooting.

Global reach & Single contract and invoice

- NTT Transatel covers over 200+ countries, which enables to offer single contract and invoice across counties.

*planned in future

Use cases

1

Immediate connectivity

Quick deployment makes FWA ideal for temporary sites, pop-up stores and events where immediate connectivity is required.



2

Backup connectivity

Provides robust backup for existing wired WAN setups, ensuring business continuity during disruptions.



3

Primary connectivity

Suitable for retail chains, mobile clinics and other scenarios where traditional wired connections are impractical or too expensive but the network security is crucial to business.



Retail



- Mobile point of sale (POS) system
- Real-time inventory management

Hospitality



- Seamless guest connectivity
- Real-time housekeeping updates

Real estate/Mobility



- EV charging operational efficiency and maintenance
- EV charging energy management and sustainability

Financial services



- Remote branch / ATM connectivity
- Secure mobile banking (mobile banking vans)

Healthcare



- Mobile health clinics
- Telemedicine services

Manufacturing



- Automated inventory management
- Remote equipment monitoring

Choose the connectivity plan that suits your enterprise

We prepare connectivity plans to cater to your business.

All plans include:

- 5G-ready connectivity
- Ultraresilient network connectivity
- eSIM connectivity
- Global, multinet network coverage
- High-speed data and unlimited access at 3Mbps beyond your primary data usage
- Automated carrier selection

Primary for quick deployment and temporary access

Unlimited* with

50GB

at full speed
per **month**

Unlimited* with

200GB

at full speed
per **month**

Unlimited* with

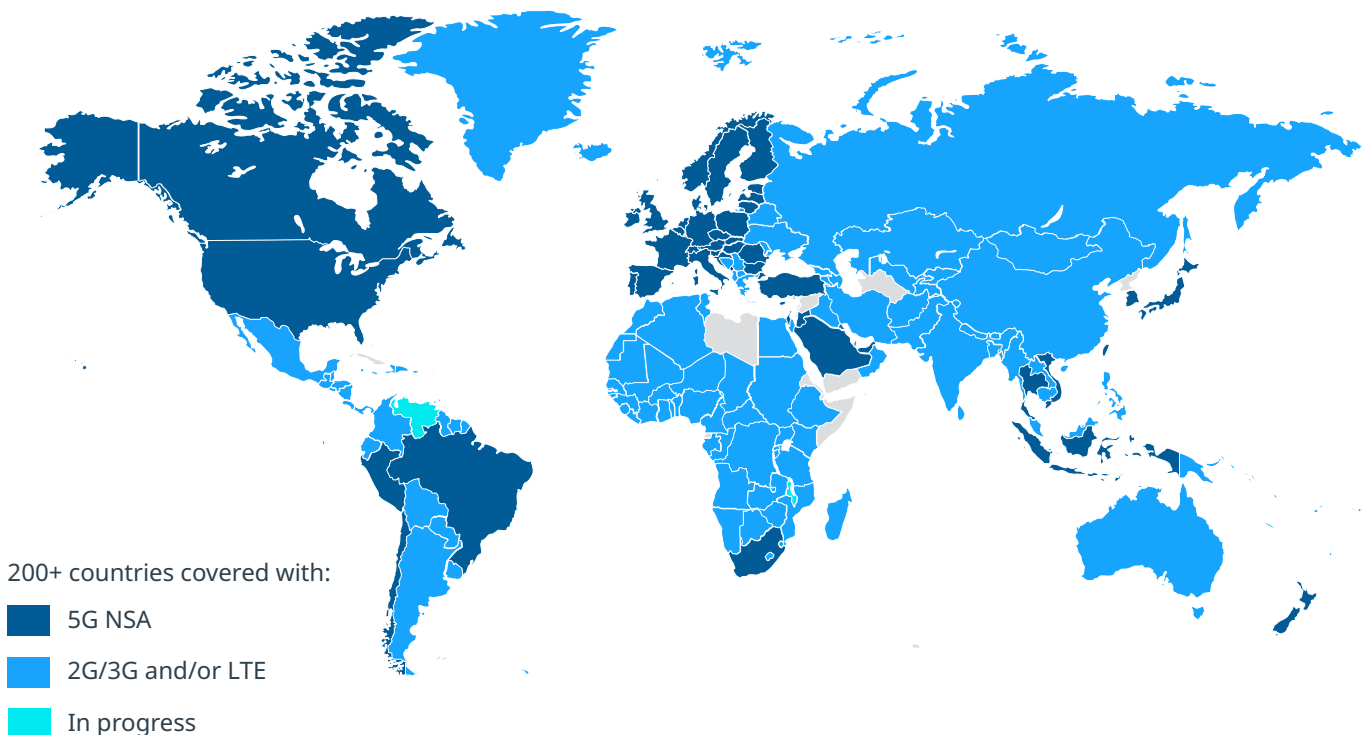
500GB

at full speed
per **month**

* until data cap is met, then 3Mbps



NTT Transatel global coverage



Why NTT DATA

- We leverage NTT Transatel global coverage and local performance
- 200+ countries covered through our distributed core network
- Highest signal-level automatic network choice
- Private access point name (APN), VPN and custom routing can be provided

Take the next step toward seamless connectivity.

If you'd like to find out more about our services, speak to your Client Manager or the Edge IoT Team NTT_IoT@global.ntt

Visit nttdata.com to learn more.

NTT DATA is a trusted global innovator of business and technology services, helping clients innovate, optimize and transform for success. As a Global Top Employer, we have experts in more than 50 countries and a robust partner ecosystem. NTT DATA is part of NTT Group.



