

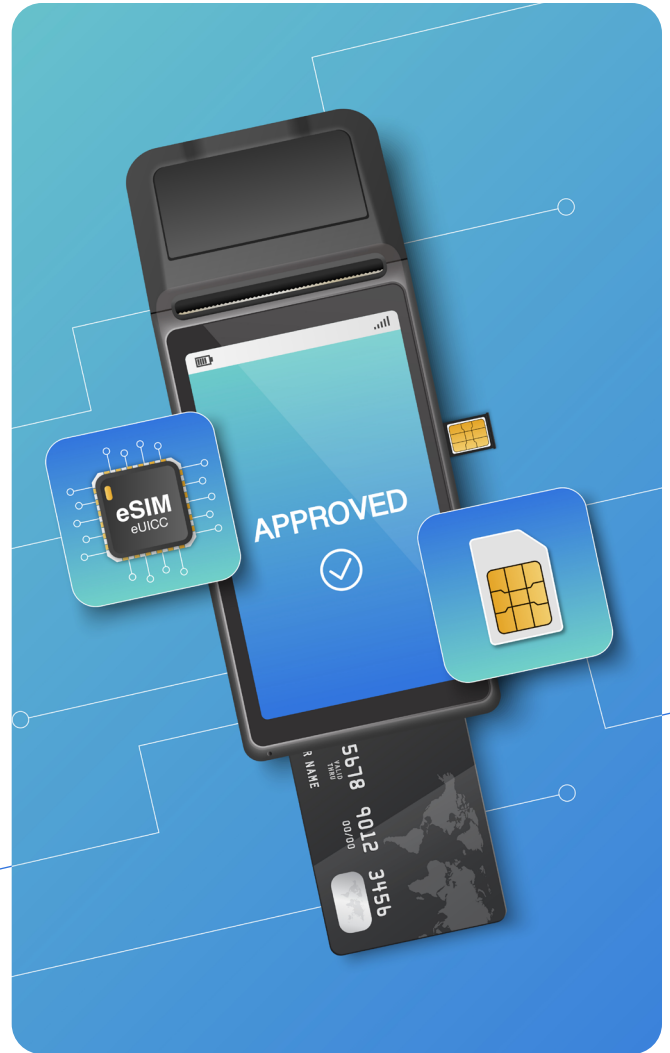


PRODUCT SHEET

Trusted, resilient connectivity for payment terminals and ATMs

GWA Smart SIM

Intelligent wireless connectivity for payment terminals, ATMs and IoT devices



Global Wireless Access (GWA) is TNS' intelligent wireless connectivity service for payment terminals, ATMs and business-critical IoT devices. Available as a physical SIM or downloadable eSIM profile, it combines multi-carrier access with continuous per-device connectivity monitoring, private APN connectivity and real-time estate visibility. Unlike standard multi-operator IoT SIMs — which rely on passive roaming or device-

level network selection — GWA actively monitors the connectivity path and automatically switches carriers if degradation is detected, keeping devices online without manual intervention. GWA is deployed on more than two million SIMs in POS & ATMs across 70+ countries — a track record built over years of keeping payment devices connected for hundreds of banks, processors and terminal operators worldwide.





The problem with standard IoT SIMs

Standard multi-operator IoT SIMs provide access to several carrier networks. That is better than a single-carrier SIM, but access alone is not resilience. Standard IoT SIMs rely on passive roaming behaviour or device-level network selection, rather than continuous service-path monitoring and active intervention when the connection degrades. If a carrier or data path fails, the device or modem will often not detect the problem — leaving the SIM locked to the failing network and the terminal offline until someone intervenes manually.

How GWA is different

GWA continuously monitors the end-to-end connectivity path — not just signal strength, but service health. Intelligence on the SIM detects degradation and switches to the next best-performing operator — often before the merchant is aware of an issue. This happens automatically, without merchant action, a field visit or a helpdesk ticket.

Standard multi-operator IoT SIM	GWA Smart SIM
Access to multiple networks via passive roaming	Intelligent carrier switching with continuous per-device monitoring
Device or modem handles network selection	SIM-level intelligence detects degradation and switches carriers automatically
Limited or no estate-wide visibility	Real-time monitoring, alerting and self-service tools across the full estate
Generic IoT platform and support	Payments-grade infrastructure, PCI DSS certified, with 24/7 expert support

2M+

With more than two million SIMs deployed across 70+ countries, TNS is trusted by hundreds of banks, processors, ATM and POS terminal operators globally.

The components of TNS' managed service



Intelligent multi-network routing

The SIM continuously monitors service health and switches to the best-performing carrier when degradation is detected, keeping payments flowing.



24/7/365 specialist support

Monitored from four global locations by engineers who work with payment infrastructure daily. Not a generic IoT helpdesk.



Real-time estate visibility

SIM status, connectivity health and configurable alerts across the full estate. Self-service tools let your team act without raising a ticket.



Provisioning and deployment

Pre-activated physical SIMs or eSIM provisioning. Plug-and-play deployment with a pre-live no-billing period so SIMs can be staged before active charging begins.

Why payment providers choose GWA



Merchants keep trading

When a carrier fails, GWA routes around it. Merchants continue processing payments, while avoidable helpdesk calls and site visits are reduced.



Fast deployment at scale

Pre-activated SIMs, plug-and-play setup. Whether you're rolling out 500 devices or 50,000, TNS handles provisioning and distribution.



Full estate visibility

Real-time monitoring means your team spots problems early and resolves them remotely, instead of waiting for a merchant to call.



Reduced administration

One contract, one supplier, one management interface across all your markets. No more managing separate carrier or regional SIM agreements.



PCI DSS certified

Secure transaction routing through TNS' PCI DSS certified payments infrastructure — helping customers demonstrate secure routing as part of their own PCI DSS obligations.



Payments expertise, not generic IoT support

Built and supported by specialists focused on keeping payment transactions moving.



Contact us to learn more →