IoT SuperNetwork for
Point of Sales

Reliable cellular POS connectivity right out of the box for a friction-free customer experience

Introducing the SuperNetwork: Never miss a payment with reliable IoT connectivity right out of the box

Connected right out of the box

The number one issue merchants face in setting up their POS devices is connectivity. Time spent troubleshooting connectivity diminishes their customer experience and inflates your customer service operations costs.

With the emnify IoT SuperNetwork, merchants receive POS connectivity to the leading local networks in your location right out of the box. Get merchants up and running faster with instant reliable connectivity in every location, managed via one SIM and platform.

Reliable IoT connectivity

No two POS deployment environments are the same, whether it's a restaurant with indoor and outdoor seating, a stadium with 60,000 spectators, or an EV charging station on a remote highway. All face differing connectivity challenges and are heavily reliant on the ability to execute swift transactions reliably at any given moment.

Cellular connectivity from a single network operator partly alleviates these challenges by providing near-instant connectivity right out of the box. However, what happens when your single network operator does not offer reliable connectivity at a merchant's location? What happens when 60,000 spectators are using the same network as your POS devices and connectivity becomes unreliable? We speak with many customers who face the issue of 'spotty' or unreliable coverage from their existing single network operator, forcing them to source and manage multiple operator relationships to connect their merchants in all locations.

The SuperNetwork offers access to all of the leading networks in your country from a single SIM to ensure that no matter where your POS devices go, reliable connectivity is not an issue.

Scan the QR code to read about how the Italian payment expert Alberici is leveraging emnify's connectivity to connect over 2000 payment stations
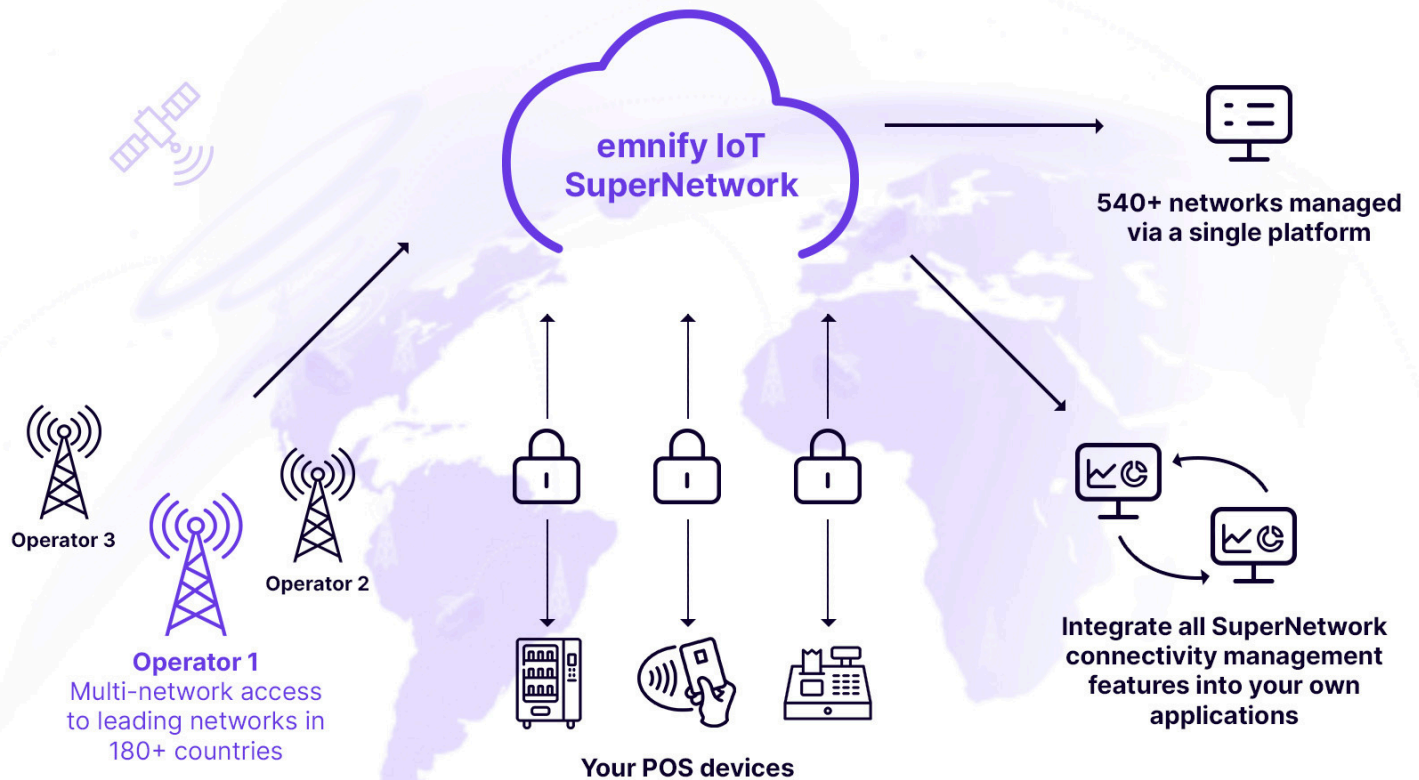
Point of Sales IoT connectivity via the emnify IoT SuperNetwork

Whether it be wireless POS terminals, countertop systems, unmanned devices in the form of micro-markets, or EV charging stations, reliable transactions are the lifeline of a merchant's business.

What do all merchants have in common? They all need reliably connected point of sale solutions wherever they deploy them. Connectivity is consistently their the number one barrier to a quick and friction-free setup process.

Use Case		Cellular Connectivity Usage
	Wireless POS terminals	Continuous transactions are the lifeline of a merchant's business. Offering a reliable connection right out of the box to the leading networks in any location, the SuperNetwork keeps your merchant's sales operations up and running.
	Countertop POS systems	Merchants are increasingly leveraging cloud-based marketplaces and apps for operational tasks such as inventory, staffing, and voucher schemes. Ensure your merchants are getting the most out of your systems and apps with a reliable connection wherever they deploy.
	Vending machines	The SuperNetwork eliminates any difficult connectivity decisions for vending operators, OEMs, and vending POS providers by offering a single SIM with access to a location's leading network operators. This ensures reliable IoT connectivity no matter where the vending machines are placed.
	Micro markets	Micro markets are convenience stores with the benefit of reduced operational costs as they are unmanned. The SuperNetwork enables operators to manage all leading networks from a single platform, allowing for continuous remote online management of micro markets without the need for costly site visits.
	Self-serve kiosks	To sustain the desired enhanced customer experience that self-serve kiosks offer, the SuperNetwork ensures continuous reliable connectivity and remote troubleshooting to ensure your unmanned devices stay up and running at all times.
	Mobile ATMs	The SuperNetwork ensures reliable transactions by enabling switching to less congested networks, maintaining connectivity, and enhancing customer trust, even in high-traffic areas such as sports events, festivals, and concerts.
	EV charging	The SuperNetwork connects EV charging stations to local leading networks, all managed remotely from a single platform, ensuring reliable transactions after any charge.

emnify

Access, manage and troubleshoot all IoT connectivity from a single platform

emnify IoT SuperNetwork

540+ networks managed via a single platform

Operator 3

Operator 2

Operator 1
Multi-network access to leading networks in 180+ countries

Your POS devices

Integrate all SuperNetwork connectivity management features into your own applications

The SuperNetwork POS advantage

Redundant, local multi-network IoT connectivity so your merchants never miss a payment.
Without redundant connectivity, reliable transactions are not possible. The SuperNetwork ensures your POS devices stay connected.

→ Automated switching across leading networks in all of your POS locations.

→ Simplify SKU management with a single eSIM to produce and ship devices globally.

→ No network steering - devices always use the best available cellular network right out of the box.

→ 2G, 3G, 4G, 5G, LTE-M, NB-IoT, and satellite NTN connectivity.

![emnify logo]

Managed in a single platform for reduced operational complexity

Reduce complexity in your POS operations by managing all devices across all networks from a single platform:

→ Automate your SIM lifecycle from global provisioning to activation, configuration, and deactivation.

→ Troubleshoot remotely across all networks to reduce field visits.

→ Integrate all SuperNetwork features into your own applications with limited development time via no-code Zapier integrations and GraphQL APIs.

Detailed network insights give you more control over your devices and data

Granular data insights across all SIMs to collect, aggregate, and analyze network data. Take control and take action on connectivity issues as they occur with:

→ Real-time device and network data across all networks via Data Streamer.

→ Packet capture/flow logs, real-time radio network signaling events and charging events, real-time status and health for all radio networks, and detailed real-time incident and recovery time information.

Prevent security threats and data thefts

The SuperNetwork comes with built-in reliable and comprehensive security for IoT devices and data, increasing the level of protection of your IoT data transmissions and SIM with features such as:

→ AWS transit gateways and Azure IPsec for end-to-end encrypted and direct data routing.

→ IMEI lock to lock SIM to devices in order to avoid tampering.

Get Started Today

Get in touch for an IoT expert to reach out to discuss your IoT connectivity needs.

Test the SuperNetwork in your POS systems today with free test SIMs

Learn more about the SuperNetwork for POS systems

Technical resources and documentation

Get connected.

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