



ZARIOT

CONNECTED. PROTECTED.

Securely connect all your IoT devices worldwide with one contract. ZARIOT leverages the global coverage of mobile networks while offering secure end-to-end encryption and security.



ZARIOT simplifies the delivery of IoT solutions, making projects more effective and faster to deploy while providing end-to-end encryption, cryptographically controlled data access, futureproof security and zero-touch provisioning.



CONNECTED

Global coverage in over 190 countries with nearly 500 networks, utilising all mobile generations



PROTECTED

ZARIOT not only secures connectivity but drives true end-to-end security through innovative partnerships and cooperation.

APN Lock

Individual username and password ensure authenticity of each device preventing SIM fraud.

Anti-IMSI catcher

Patented method and system for protecting the air interface and authenticating a base station.

Enhanced Signalling Security

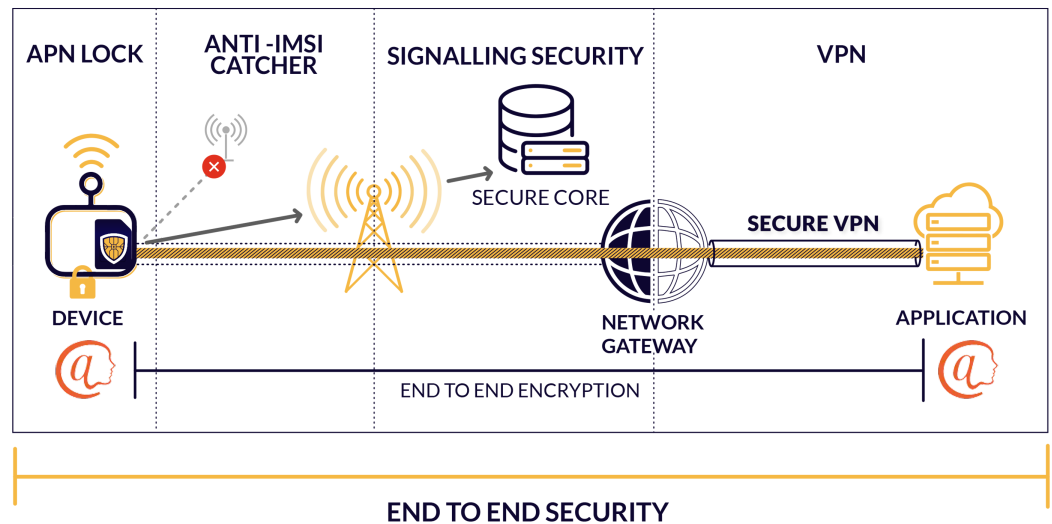
Protects against location tracking, DoS, and fraud via mobile network signalling protocols.

End-to-End Encryption

End-to-end user data encryption from device to core application and option to consolidate beyond, based on The @ Platform.

Virtual Private Network

Complex encryption and hashing algorithms guarantee security over internet.



True End-to-End Encryption and Security

Using the SIM as the root of trust eliminates additional hardware requirements, extends encryption beyond the application, to the solution owner or device user and can be retrofitted to existing devices. Our security technologies deliver an end-to-end security solution by protecting the device, network, and application and beyond. By securing the data itself and not just the data path, access breaches and a multitude of attack vectors are rendered inconsequential.

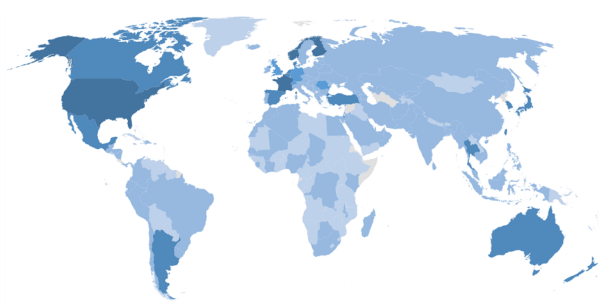
Gartner predicts attacks on operational technologies causing injury and possibly death will be weaponized by 2025, by 2023 the financial impact of cyber-physical attacks will reach over \$50 billion, and that most CEOs will be held personally liable. Contact us to learn how we can improve your security posture and help you develop a secure control framework.



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Easily manage the connectivity of IoT devices from our management portal: control usage, see real-time locations, and activate new devices. Prioritise security while still enjoying worldwide deployment and seamless automatic roaming, at the highest quality of service.

Worldwide coverage



- 2G/3G + 4G + Full LTE-M + Full NB-IoT
- 2G/3G + 4G + Full LTE-M
- 2G/3G + 4G + Partial LTE-M
- 2G/3G + 4G
- 2G/3G

ZARIOT Features

Extensive coverage

- 190+ countries and 450+ networks
- 2G/3G, 4G, 5G, LTE-M (CAT M1) and NB-IoT

Secured

- End-to-end data encryption from device to application core
- Patented method for authenticating a base station
- Signalling security to protect within mobile networks
- Secured VPN to connect to your data centres

Management Portal

- Order additional SIM cards
- Manage, organize and view usage of SIMs
- Easily control security and data privacy

eUICC capable SIMs and eSIMs

- One SIM for all your destinations, simplifying logistics
- Automatic switching to optimal network for roaming and static devices

eUICC SIMs in all industry standard sizes

2FF - MINI SIM
HEIGHT: 25 mm
WIDTH: 15 mm
THICKNESS: 0.76 mm



3FF - MICRO SIM
HEIGHT: 15 mm



4FF - NANO SIM
HEIGHT: 12.3 mm
WIDTH: 8.8 mm
THICKNESS: 0.67 mm



MFF2 - M2M FORM FACTOR (eSIM)
HEIGHT: 6.0 mm
WIDTH: 5.0 mm
THICKNESS: 0.67 mm



Custom SIM Applet Development

We make custom development resources available to the IoT solution ecosystem. Custom functions tailored for the device or service can be developed by ZARIOT in combination with OEM or IoT solution owner.

User Personas for Tailored Data Access

End-to-end encryption of each communication can be used to tailor access to data, simplifying GDPR obligations while reducing overhead

Collaboration for Security

ZARIOT continues to build partnerships to address all IoT security concerns and ensure more secure, more customised, and more successful projects

Zero Trust

Fine-grained management controls and unique identifiers for all devices support a Zero Trust methodology and framework.

The ZARIOT mission is to create dynamic security and connectivity solutions, delivered through unwavering partnership



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