

AERIS FUSION IOT NETWORK™

As companies scale their connected deployments, expand internationally, and create new product variants, complexity compounds — increasing the magnitude and frequency of issues that cost money, create reputational risks, and frustrate customers.

Beyond low-cost coverage, businesses require deep visibility into and control over the behaviour of connected devices to ensure superior coverage, maximum reliability, and cost efficiency.

The Aeris Fusion IoT Network is the only cellular IoT network providing end-to-end visibility into and control over your entire connected operation — globally and at scale.

Performance-optimised multi-carrier connectivity, AI/ML-based monitoring and diagnostic tools, and 24/7 access to technical experts combine to help businesses launch and scale faster.

In addition, Aeris' flexible rate plans with tools to find and resolve quickly reduces costs and delivers optimal connected experience to end users.

What Aeris Fusion IoT Network Offers



Superior Coverage

Eliminate coverage complexities with performance-optimised coverage from 600 carriers in 190 countries. Non-steered access removes connectivity complexity in regions proliferated with carrier networks.



Deliver Exceptional Reliability

Get unparalleled end-to-end visibility into and control over the performance of connected devices. Detect, diagnose, and resolve issues anywhere across your network.



Custom Rate Plans and Cost-Management Tools

Switch rate plans any time at no cost. Adapt to changing market and business conditions with agility, thanks to Aeris' flexible rate plans.



Best-in Class Support

White-glove services and on-demand tools to help businesses of all sizes accelerate launch and rapidly scale across geographies.

Aeris Fusion Products

Aeris product offerings are adaptable to meet the specific geographic and bandwidth requirements to deliver an optimal connected experience. Customers around the world from segments including Logistics, Healthcare, Utilities, Solar, and many more rely on Aeris products to launch, scale, and expand their fixed or mobile connected solutions.

Below are key features and services included with our products. Reach out to your sales lead to determine the product that best meets your needs.

Fusion Features and Services

Network Services

Network Connectivity

- 2G, 3G, LTE, LTE-M, and 5G ready
- Supports up to 10 GB data rates
- Global offering features non-steered coverage

Data

- Standard & Custom APNs
- Dynamic Private IP Addresses
- Static Private IP Addresses
- TCP & UDP support

Voice

- Mobile Originated (MO) Voice Calls
- Mobile Terminated (MT) Voice Calls
- Temporary Local Dialable Number (TLDN)

SMS

- Mobile Originated (MO) SMS
- Mobile Terminated (MT) SMS

API

- API access to all functionalities
- Secure API Keys

AerPort Connectivity Management Platform

Real-Time Monitoring & Visibility

- Configurable alerts
- Traffic monitoring and reporting
- Visibility into network, services, and devices
- Usage, overage, roaming cost and device monitoring

Inventory & Supply Chain Management

- Automated cradle-to-grave SIM lifecycle management
- Distribution channel management

Troubleshooting & Diagnostics

- Self-service diagnostics and troubleshooting tools: clear registration, ping, and locate device

Billing Analysis & Optimisation

- End-of-month billing projection
- Interactive analytics to identify billing trends
- Granular visibility of transactions per SIM
- End-of-month rate plan change
- Mid-cycle rate plan change

CUSTOMER CASE STUDIES



Asset Tracking

Global logistics company advanced its service delivery while improving supply chain predictability with end-to-end visibility into and control over connected devices.

[\[Learn More\]](#).



Fleet Management

Reduced connectivity cost for fleet telematics by 30% using our tailored PAYG rate plan, paying only for the data they use.

[\[Learn More\]](#).



Video Telematics

A European fleet telematics provider reduced video upload time by 70%, eliciting the following response: "you've done more for our solution's performance in two weeks than our previous provider managed to accomplish in two years!"

Fusion Features and Services (cont'd)

Services, Support, & Security

Flexible Rate Plans

- Fixed Bundles
- Pay-As-You-Go
- Single, upfront payment
- Pooled data option

Security

- Non-dialable number assignments
- Private MPLS connections
- Restrict connections to authorized endpoints
- Secure API access
- Private/custom APN

Solution Design Support & Assistance

- On-boarding assistance
- Device configuration and testing assistance
- Access to documented best practices
- 24x7x365 access to network support for severity levels 1 & 2

SIM Offerings

Standard

- Form factors: Standard (2FF), Micro (3FF), Nano (4FF)
- Temperature range: -13°F to +185°F (-25°C to +85°C)
- Java Card: 3.0.5
- Java API: UICC and USAT

Industrial

- Form factors: Standard (2FF), Micro (3FF), Nano (4FF), Embedded (MFF2)
- Temperature range: -40°F to +221°F (-40°C to +105°C)
- Built-in hardware AES
- Java Card: 3.0.5
- Java API: UICC and USAT

Visit aeris.com to learn how we can inspire you to create new business models and to participate in the revolution of the Internet of Things.

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CUSTOMER CASE STUDIES



Healthcare

Remote patient care solution provider expanded its reach across the United States by leveraging Aeris' performance-optimised coverage and custom rate plan offering.

[\[Learn More\]](#).



Energy & Utilities

Leading water monitoring equipment provider broadened its partnership with Aeris to support global expansion.

[\[Learn More\]](#).



Distributed Energy

Clean energy solution provider reduced connection failures and roaming costs with Aeris' multi-carrier coverage and customised network steering capabilities

[\[Learn More\]](#).