



Conexa - the IoT network from Wireless Logic

Cellular IoT is complex, involving an array of regulatory, operational and commercial challenges. Deployments have traditionally been connected through mobile networks built with consumers in mind, but this hasn't consistently delivered the level of resilience, security and flexibility that the IoT requires.

Conexa is Wireless Logic's GSMA certified, mobile core network, designed and built for the Internet of Things. It enables Wireless Logic to operate as an independent carrier and provides a consistent connectivity experience across all partner networks.

We have been at the forefront of M2M and IoT for over 20 years, and have used this experience to build a carrier-grade global network that addresses the connectivity, security and scalability challenges that many businesses face. Combined with Wireless Logic's solution expertise, Conexa allows global enterprises and solution providers to seamlessly and successfully design, deploy, scale and manage their IoT deployments.



Find out how Conexa makes large scale IoT deployments easier... >



Introducing Conexa

Use Conexa for **Massive and Critical IoT deployments**

Conexa is Wireless Logic's GSMA certified, mobile core network, designed and built for the Internet of Things.

It enables Wireless Logic to operate as an independent carrier and provides a consistent connectivity experience across all partner networks.



Reliable and secure

Conexa is 100% dedicated to IoT connectivity and data services meaning your security and reliability needs are always prioritised and under your full control.



Global resilient coverage

Leverage geo-distributed mobile cores, local network breakouts and multiple network partners in all key markets to achieve globally compliant connectivity.



Scale fast and with confidence

A single SIM for global or deployments combined with deep network insights and control enables rapid deployment and assurance that issues can be diagnosed and resolved quickly.



Reduce cost of ownership

Network and on-SIM intelligence enables post-deployment optimisations to be made OTA. Flexibility lets you pivot into new markets & solve regulatory or commercial issues as you go.



We built Conexa to:

- ✔ resolve challenges in procurement, manufacturing & logistics processes
- ✔ provide in-life management and optimisation capabilities
- ✔ resolve industry security and scalability challenges
- ✔ be a single integration point to an eco-system of leading radio networks partners

Learn more about Conexa vs other MNO and MVNO Networks





Why Conexa is better than other MNO and MVNO networks?

OEMs, ODMs, Solution Providers, IT/OT System Integrators, and end-user Enterprises



Reliability

Conexa is 100% dedicated to IoT connectivity and data services meaning your security and reliability needs are always prioritised and under your full control.



Global Resilient Coverage

Conexa is a network of geo-distributed mobile cores, local network breakouts and multiple network partners in all key markets and delivers resilient, globally compliant connectivity.



Scale Fast & with Confidence

A single SIM for global or deployments combined with deep network insights and control enables rapid deployment and assurance that issues can be diagnosed and resolved quickly.



Reduce Cost of Ownership

Network and on-SIM intelligence enables post-deployment optimisations to be made OTA. Flexibility lets you pivot into new markets & solve regulatory or commercial issues as you go.



Safety/Business Critical

With Conexa, we have full visibility and real-time control over connections. Issues can be resolved quickly and automatically with core network adjustments or OTA SIM updates.



Secure devices and data

Conexa service extensions include advanced measures which defend, detect and react to cyber-threats against your devices, data transmissions and OT/IT systems.



Challenges you may face when deploying large scale IoT projects

Cellular technology has evolved over time to address the early barriers to adoption in IoT.

Cellular LPWAN now caters for low power, long battery life needs, while 5G addresses high bandwidth, ultra-low latency requirements.

Radio access technologies provide one layer of the solution. Conexa goes further and addresses a wide range of technical, commercial and operational challenges such as:



Roaming and Data Restrictions

Some applications or territories have regulations which limit the type of services which can be used (permanent roaming restrictions), or where data can be transmitted and stored (data sovereignty).

Complex Cellular Technology Landscape

Selecting the right radio technology or adopting eSIM requires the right component choices and process changes. Connectivity providers need to simplify and automate to optimise development cycles.

Connectivity Supplier Overheads

Integrating with multiple radio networks and different management platforms has resource, cost and skill overheads. A single platform and network integration is the optimum solution.

Inconsistent Service and Support

Operationally, a single point of contact is required to manage radio network operators and provide consistent high-quality support throughout the entire product lifecycle.

High Network Availability

Connectivity providers need to provide management tools, implement end to end monitoring of connections and the support services to proactively resolve any outages in radio or core networks.

Lack of commercial flexibility

IoT use cases have different data, operational and business model requirements. Flexible tariffs and commercial constructs are required to simplify procurement and end-user billing.

Cyber Security

Only authorised devices should connect to enterprise servers or cloud infrastructure. Data must be transmitted securely and handled in accordance with regulations such as ISO 27001.

Cloud Integration and Scalability challenges

Zero touch provisioning of IoT devices and auto-enrolment with cloud service providers (AWS, Azure, Google Cloud) is required to automate deployments and enable scalability.

Vendor and Technology Lock-in

Having the flexibility to mitigate quality, commercial and roaming issues is critical. Being locked in to a technology or to a single vendor is a big risk given the costs involved in switching SIMs post deployment.

Fraud Detection

Mechanisms are needed to automatically identify and block unauthorised usage. Attempts to use SIMs in other devices or use devices in unapproved countries have the potential to compromise security or create bill-shock.

Explore our connectivity solutions and how they address these challenges... ➤



Solving Next Generation IoT Connectivity challenges

[Find out more](#)

Global Coverage

Access multiple networks in all key markets globally via IoT-specific partnerships.

[Find out more](#)

Network Insights

Instant access to network insights enables fast issue resolution and enhanced operational reliability.

[Find out more](#)

Compliance

Solve regulatory compliance or commercial issues as you go.

[Find out more](#)

24/7 Global Operations

Our global NOC/SOC service provides 24/7 monitoring, reporting and resolution of operational and security issues.

[Find out more](#)

Flexibility (RSP)

Leading edge Remote SIM Provisioning technology provides flexibility and assurance.

[Find out more](#)

Interoperability

Quick and easy API integration brings your IoT devices into your core business processes and analytics platforms

[Find out more](#)

Customer Experience

Conexa is designed with reliability, low-latency, and localised services at the fore-front.

[Find out more](#)

Cyber-Security

Defend, detect and react to cyber threats using advanced on-SIM apps and network-level anomaly detection.



Solutions for every challenge in IoT

Connect control and secure your IoT deployments

Global eSIM

One SIM for global use, addressing logistical, regulatory and lifecycle management challenges.



Local Multi-network SIM

Access to multiple networks in specific countries, maximising coverage and resilience for critical use cases.



Low Power SIM

For sensor applications deployed at massive scale that need to maximise battery life.



Enterprise Connectivity

Fully managed 4G, 5G & Satellite connectivity for enterprise fixed wireless access and mobility use cases.





Conexa features and network capabilities

Conexa uses the best available technologies to help you to create **robust, secure** and **scalable IoT solutions**, while having **control** of the cost of ownership.

- 
Global Deployment with a single SIM
 We provide a single SIM for global deployments and a range of local connectivity solutions for the key global markets.
- 
Network of Networks
 Conexa is a full-service and independent connectivity platform solution with interconnects to an eco-system of 50+ radio network partners.
- 
Single Point of Integration & Control
 Our carrier-grade private infrastructure provides cost effective and secure access to all our radio network partners through a single interconnect.
- 
GSMA Compliant
 With the Conexa network, we are a GSMA compliant, licensed IoT operator and can build our own SIM profiles or in partnership with MNOs.
- 
Protecting your Data and Reputation
 Private network infrastructure and features like IMEI locking, white or blacklisting, VPNs and Private APNs protect your devices and data.
- 
Multi-Service Capability
 Conexa supports Data, Voice, SMS on the legacy and current cellular bearers; 2G, 3G, 4G (LTE Cat-1 to Cat-6), LPWAN (NB-IoT, LTE-M) and 5G.
- 
Solution Design Consultation
 Our Solutions team will help you make the right technical and commercial choices for successful deployment of your products and services.
- 
Always On Connectivity
 Conexa was built for IoT. A dual redundant core network with automatic failover ensures high availability needs can be met.
- 
SIM and Device Management
 SIMPro and DevicePro provide remote manageability, insights and detailed analysis of device behaviours and performance.
- 
Zero-Touch Provisioning
 Conexa includes a remote provisioning platform (RSP) and advanced rules engines to automate management and control of SIMs.
- 
Advanced on-SIM Technology
 SIM applets, multi-IMSI and eSIM technology enhance security, resilience and flexibility which enables you to enter new markets quickly.
- 
Cloud Secure and Scalable
 Advanced on-SIM security automates device authentication and secure cloud registration enabling dynamic and scalable deployments.
- 
Optimise and Economise
 Adapt connectivity according to your deployment plans, lifecycle requirements or to mitigate any radio network performance or commercial issues.
- 
Device Testing and Compliance
 Our Solutions team provide integration advice and device testing services to ensure your product is compliant and performs as required.

SIMPro

- ✓ Smart connectivity management platform
- ✓ Optimise your costs and pre-empt issues through powerful insights
- ✓ Automate your connectivity
- ✓ Help and support in real time
- ✓ Unified and flexible billing





How **Conexa** works...

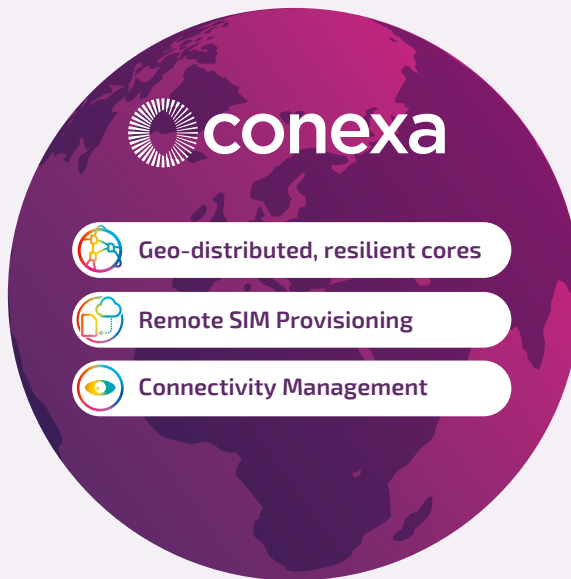
Things we connect



How



Platform & Services



Control (API)  Data

Enterprise Applications



Contact us to talk to an expert or request a starter kit... 

Why use **Conexa** from Wireless Logic...



Built for IoT

The Conexa mobile network has been built by Wireless Logic specifically to address the evolving needs of global IoT.



Single SIM for Global Deployments

Deploy with confidence using a single global SIM which can be optimised over-the-air.



Simplify your Supply Chain

Reduce complexity in your procurement and logistics processes for a seamless factory to field transition.



Secure by Design

Advanced on-SIM applications and network services enhance system security.



Advanced Management and Control

Control and manage your on-SIM and on-device behaviour using rich analytics and insight from SIMPro and DevicePro.

IoT Expertise. *Support all the way from design to deployment*

Contact us today...

to talk to an expert or request a starter kit

Call: +44 (0)330 056 3300 Email: hello@wirelesslogic.com Web: wirelesslogic.com/conexa
