



Mastering the IoT Puzzle: Securing Seamless Connectivity

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The number of IoT devices continues to grow rapidly ...



... but the business case still doesn't pay off for everyone, and IoT adopters face various challenges.

The challenges in enabling connectivity for Massive IoT

 **Network Coverage and Availability**

 **Regulatory Compliance**

 **Connectivity Management**

 **Power Efficiency**

 **Security**


 **Connectivity Standards**


 **Interoperability**

 **Scalability**


 **Device Management**

 **Data Management**

 **Environmental Conditions**

 **End-of-Life Management**

 **Cost Constraints**

 **Reliability and Data Integrity**

 **Growing Complexity**

Start improving your business case through simplification

Mastering the IoT Connectivity Puzzle

64%

Network Authentication

64% of cellular IoT adopters are not using eSIM, of which 41% are unsure of its benefits

72%

Global IoT Connectivity

72% of enterprises with international connectivity requirements are **not yet using eSIM** or multi-IMSI technology

52%

Security

52% chose eSIM because it can be used as a **security root of trust**

40%

Connectivity Management

40% indicated that 'agility in developing and enhancing **connectivity management solutions**' is lacking in the ecosystem

There is a notable lack of awareness of the benefits of eSIMs

'Cellular IoT Ready-to-Go'
bundles a range of solutions
and services to ensure fast
and easy time-to-market for
Massive IoT solutions

**Network
Authentication**



**Global IoT
Connectivity**



Security




**Connectivity
Management**

'Cellular IoT Ready-to-Go' by G+D

Remote Connectivity and Fleet Management via One Portal

 **Network Authentication** via eSIM/iSIM

 **IoT Connectivity** covering 600+ networks in 185 countries + satellite connectivity or BYOC*

 **Security** via eSIM/iSIM applications and/or on Network Level

 **Connectivity and LCM** via IoT Suite supporting all RSP** Standards



Today we are already managing billions of connected things



1+ billion
mobile devices managed globally



#1
in eSIM management



170+ million
eSIM consumer profile downloads



300+
eSIM customer systems worldwide



8 of the top 10
car manufacturers trust in G+D's
connected car solutions



3+ billion
SIM cards managed in over 80 countries



#1
iSIM supplier



1+ billion
eSIM devices enabled by G+D's secure SIM OS



160+
OTA customer systems for M(v)NOs globally



IoT connectivity with **600+** networks in more than
185 countries worldwide
+ cellular-compliant **satellite connectivity**

Start your IoT success story with us

The IoT is the biggest machine mankind will ever build. So, we'd better make it secure!





Secure connections. Unlimited potential.



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