



life.augmented



ST4SIM solutions for M2M cellular connectivity



M2M industrial & IoT

Growing demand for wireless connectivity applications

Healthcare



Smart home & building



Smart cities



Asset tracking



Utilities & industrial IoT



Connecting everything everywhere

Several connected devices using cellular networks

Providing
connectivity
services
wherever
you go



- ✓ Always connected
- ✓ Real-time asset management
- ✓ Improved coverage
- ✓ Flexible connectivity

Introducing the SIM & eSIM concept

From the removable SIM to the soldered and interoperable eSIM

Classical SIM card Removable

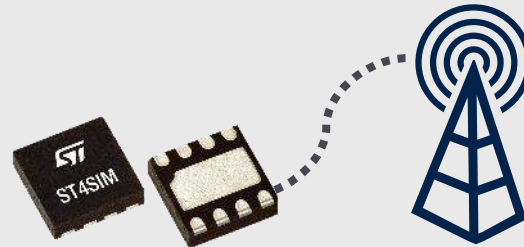
Traditional SIM concept inherited from mobile phone



1 SIM card = 1 operator

Embedded SIM (eSIM) Soldered

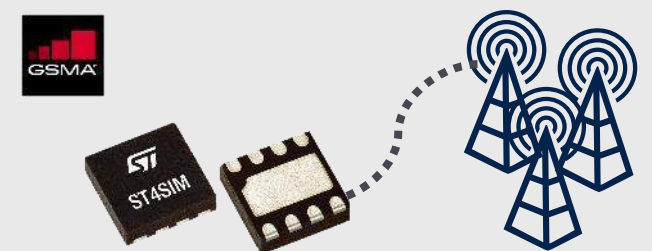
An optimized footprint and reliable package as soldered



1 eSIM card = 1 operator

GSMA-certified eSIM Soldered & interoperable

Possibility to change remotely the operator without replacing the SIM



1 eSIM card = [X] operator

ST4SIM solution overview

**Secure cellular connectivity solutions
for IoT, industrial & automotive applications**

Wide range of SIM/eSIM solutions

based on basic, cryptographic, and GSMA SGP.02 configurations

GSMA eSIM certified and interoperable

with MNOs & subscription management platforms

Complete ecosystem with trusted partners for connectivity & subscription management platforms

Industrial & automotive-grade solutions (T° & reliability)

Multiple packages (Card plugin, MFF2, WLCSP)

ST4SIM ecosystem

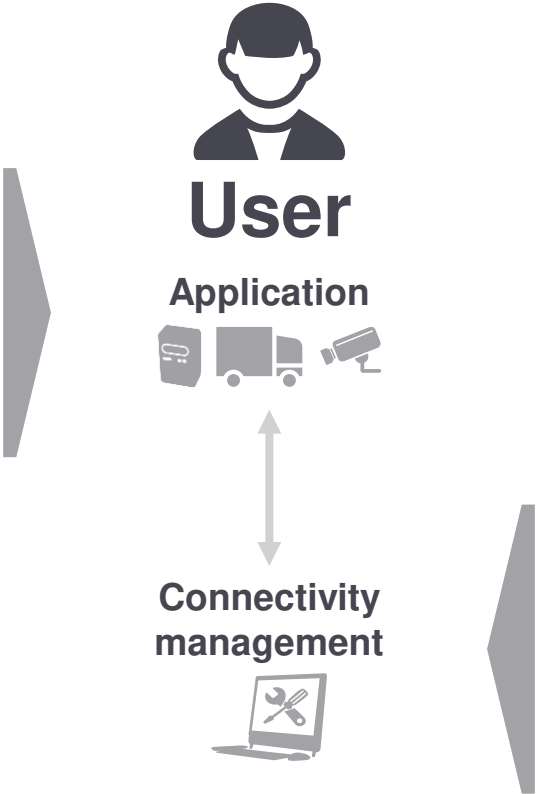
ST4SIM component






- IoT, industrial, and automotive-grade HW
- Multiple form factors
- SIM / eSIM SoC configuration
- GSMA eSIM certified and interoperable



+ Preloaded connectivity from partners




Connectivity platforms



Complete ecosystem with

- **SM-SR:**
Subscription Manager Secure Routing
- **SM-DP:**
Subscription Manager Data Preparation



Secure connectivity solutions



Leader in secure cellular connectivity solutions

- SIM / eSIM for consumer or IoT devices (GP / GSMA-certified)
- Field-proven quality with more than 1.7 billion ST33 family cards deployed



Highly reliable and secure solutions for the industrial and automotive markets

- Industrial-grade qualification JEDEC [-40°C / +105°C]
- Automotive-grade qualification AEC-Q100 grade 2 [-40° / +105°C]
- Common criteria EAL5+ certified solutions



State-of-the-art secure products

State-of-the-art, secure, and flexible embedded OS (including certified cryptographic algorithms)
Java Card applet development (extended OS features and upgraded services)
Standard involvement (GSMA / Trusted Connectivity Alliance / Global Platform / 3GPP / ETSI / Car Connectivity Consortium)



ST4SIM solutions takeaways

IoT, industrial, and automotive-grade solutions

Complete cellular connectivity solution with trusted partners

Interoperability with large panel of partners (platform/MNO)



Our technology starts with You



Find out more at www.st.com/st4sim

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