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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

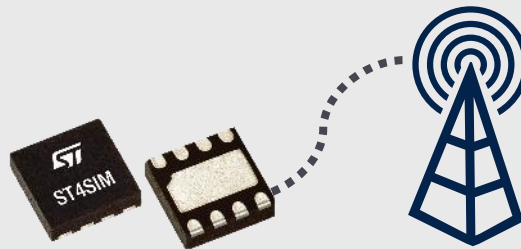
Traditional SIM concept inherited from mobile phone



1 SIM Card = 1 operator

Embedded SIM (eSIM) Soldered

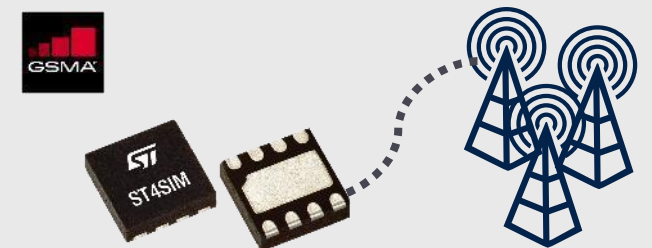
An optimized footprint and reliable package as soldered



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

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, TSSOP20)

ST4SIM complete portfolio

Internet of Things



ST4SIM-S

Industrial



ST4SIM-M

Automotive



ST4SIM-A

Basic SIM & eSIM (ST4SIM-100 S / M)

Optimized and Cost effective

Crypto SIM & eSIM (ST4SIM-110 S / M / A)

Advanced secure communication

GSMA eSIM (ST4SIM-200 M / A)

Scalable & interoperable solution

ST4SIM complete portfolio

ST4SIM meets customer needs

ST4SIM-100x



- Classic SIM compliant to ETSI/3GPP
- Java Card-based OS
- Pre-defined Telecom Operator

- + Available on card plug-in and MFF2
- + **IoT and Industrial**
- + Optimized for Low Power (ETSI Suspend/Resume)

ST4SIM-110x



- Classic SIM compliant to ETSI/3GPP
- Java Card-based OS
- Pre-defined Telecom Operator
- Based on **CC EAL5+** certified chip

- + Available on card plug-in, MFF2, WLCSP
- + **IoT, Industrial & Automotive**
- + Optimized for Low Power (ETSI Suspend/Resume)

ST4SIM-200x

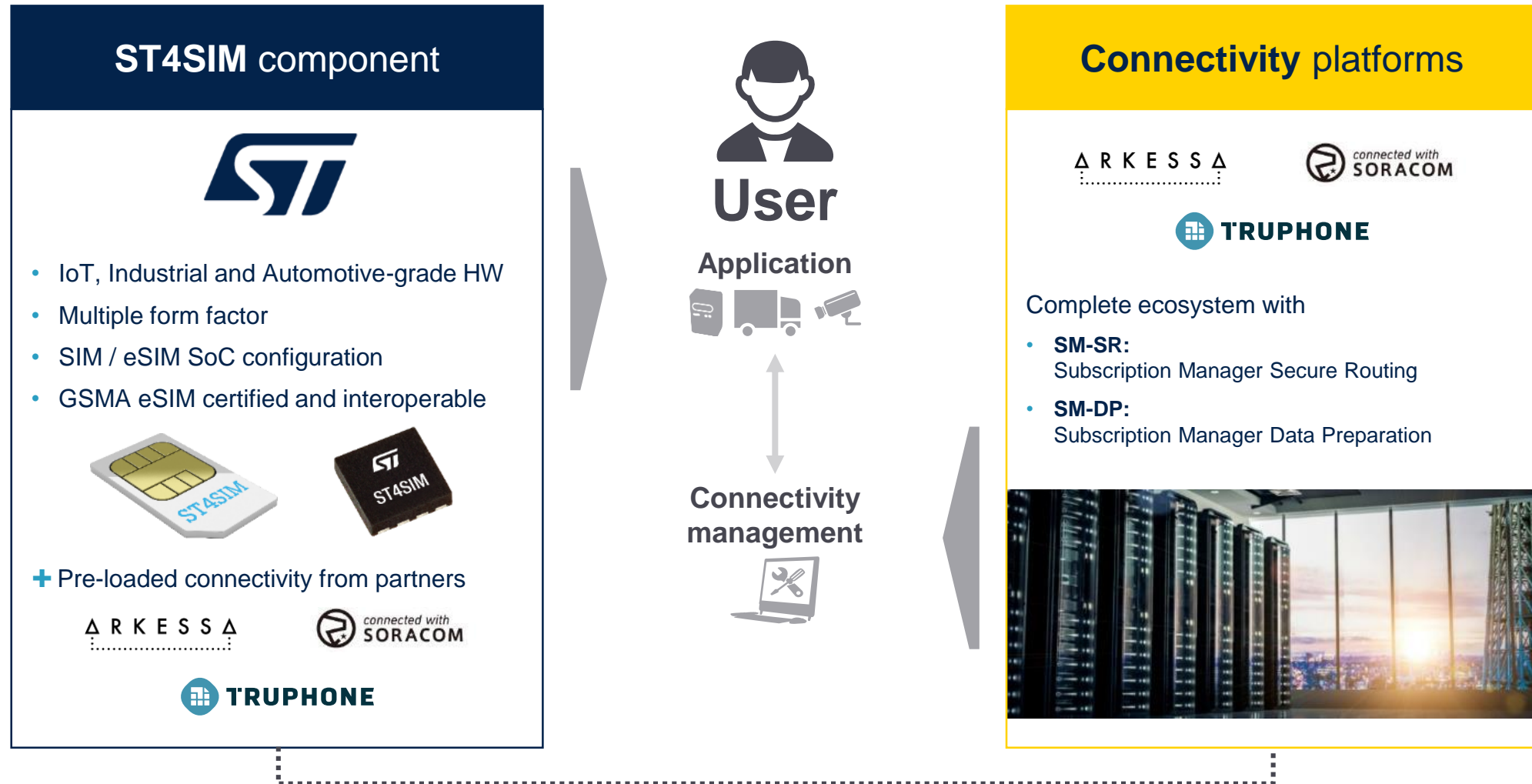


- eSIM compliant to **GSMA SGP.02 v3.2**
- Pre-defined bootstrap Operator and Subscription Manager from partner
- Based on **CC EAL5+** certified chip & **GSMA certified**

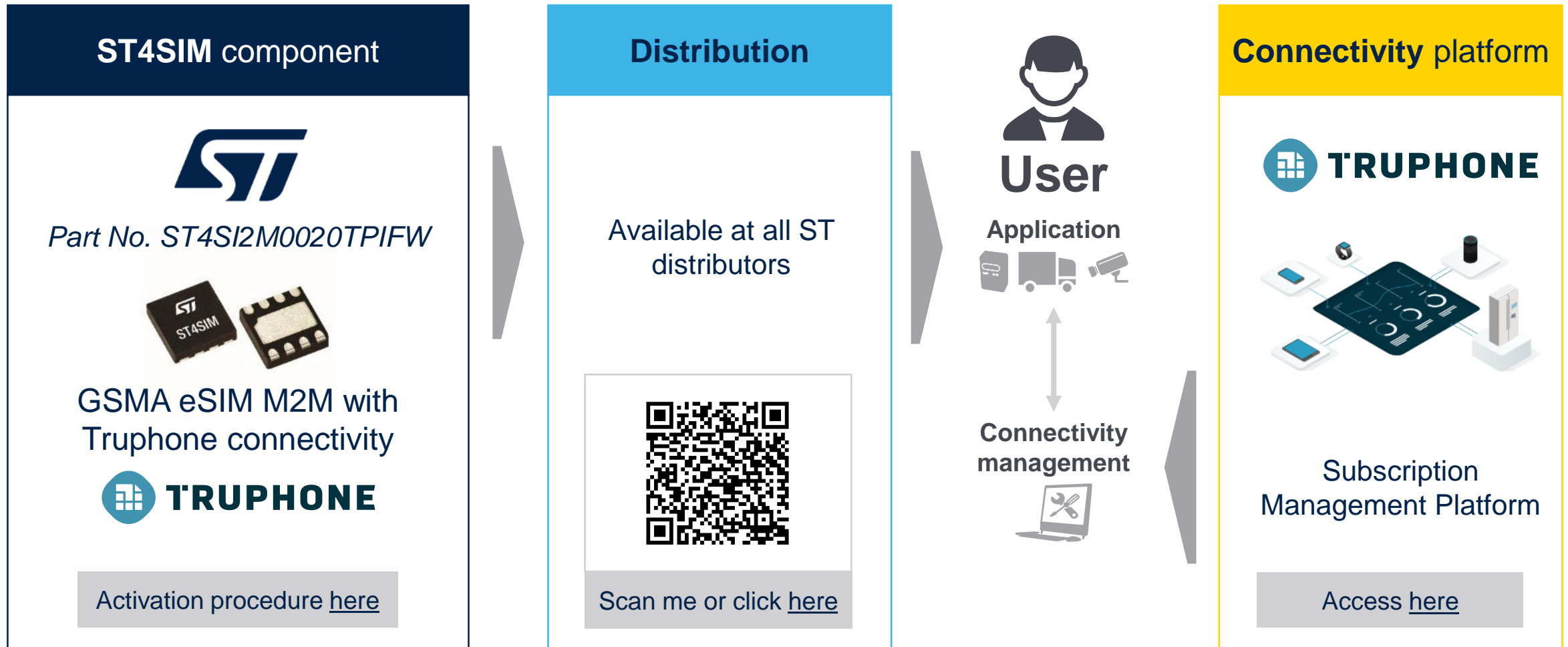


- + Available on card plug-in, MFF2, WLCSP
- + **IoT, Industrial & Automotive**
- + Optimized for Low Power (ETSI Suspend/Resume)

ST4SIM ecosystem



ST4SIM-200M available at e-distribution



Secure connectivity solutions



Cellular Connectivity secure solution Leader

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



Strong reliability and security in Industrial and Automotive markets

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



State-of-the-art secure product

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



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ST4SIM documentation

Ecosystem page
www.st.com/st4sim



On-demand webinar
[Watch here](#)



Flyer
[Download here](#)



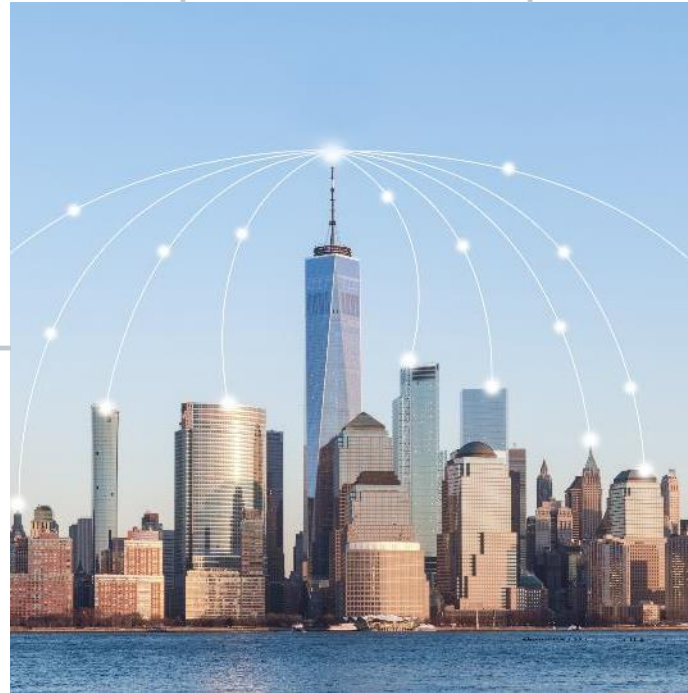
ST4SI2M0020TPIFW
[Visit eStore here](#)



Video animation
[Watch here](#)



eSIM whitepaper
[Download here](#)



ST4SIM solutions takeaways

IoT, Industrial and Automotive grade solutions

Complete cellular connectivity solution with trusted partners

Interoperability with large panel of partners (platform/MNO)



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Our technology starts with You



Find out more at www.st.com/st4sim

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