# SMAOT500B 5G UICC SIM Card

on eXtra one on IO209 CC EAL5+



## Ready for 5G deployments

Driven by the exponential data traffic growth and customers increasing expectations for speed, 5G will make connectivity ultra- fast seamless and secure. New 5G SIM card "SMAOT500B" brings another level of enhanced Security & Privacy to mobile users

#### Be ready from Day one

Offering 5G QoS and QoE from day one. Maximize monetization of bunch of new services. Being compliant with Privacy regulation policy to ensure subscribers un-traceability. Protecting Brand reputation Those are some of main challenges that Smartjac's SMAOT500B 5G SIM card is here to help

### Our offer:

# Seamless 5G Access & Being in control of 5G Security

The SIM card is the only way to authenticate to the 5G network. SMAOT500B offers 5G configuration to allow smooth and seamless access to 5G services.

#### Protecting subscriber's Privacy & Brand Reputation

SUCI, the encrypted IMSI is used to access the 5G network. SMAOT500B embeds the two required privacy crypto algorithms and offers dynamic control for the network operator to activate or deactivate subscriber Privacy at any time. It allows also the configuration of the the network operator's preferred encryption scheme and selection of where SUCI processing shall take place: either in a phone ( i.e. untrusted environment) or in the SIM ( i.e. The network operator's trusted environment)

## Prioritization of Services & Control of user QoS & QoE A

new Unified Access Control (UAC), Steering of Roaming (SoR) and Access agnostic management over WiFi or 3GPPP access are enabled by the SMAOT500B. It allows The network operator to monitor user QOS & QoE and to prioritize services based on: partnership agreement, deployment scenarios and subscriber profiles. (e.g. multimedia, IoT, public safety or private network services)

#### Why SMARTJAC?

Trusted by the largest network companies worldwide, with high presence in standards, and strong understanding of the ecosystem SMARTJAC provides Security expertise fitting needs for 5G Deployment and challenges in labs, test networks, PLTE's and CBRS networks.

### **Benefits**

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## Protecting mobile subscriber Privacy:

SMAOT500B allows IMSI encryption (i.e. SUCI) to better protect end-users against location tracking and interception of mobile communications

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## Providing secure and fast access to 5G:

SMAOT500B allows faster and smooth,5G connection and reconnection, including WiFi while protecting end user privacy and The network operator credentials and reputation

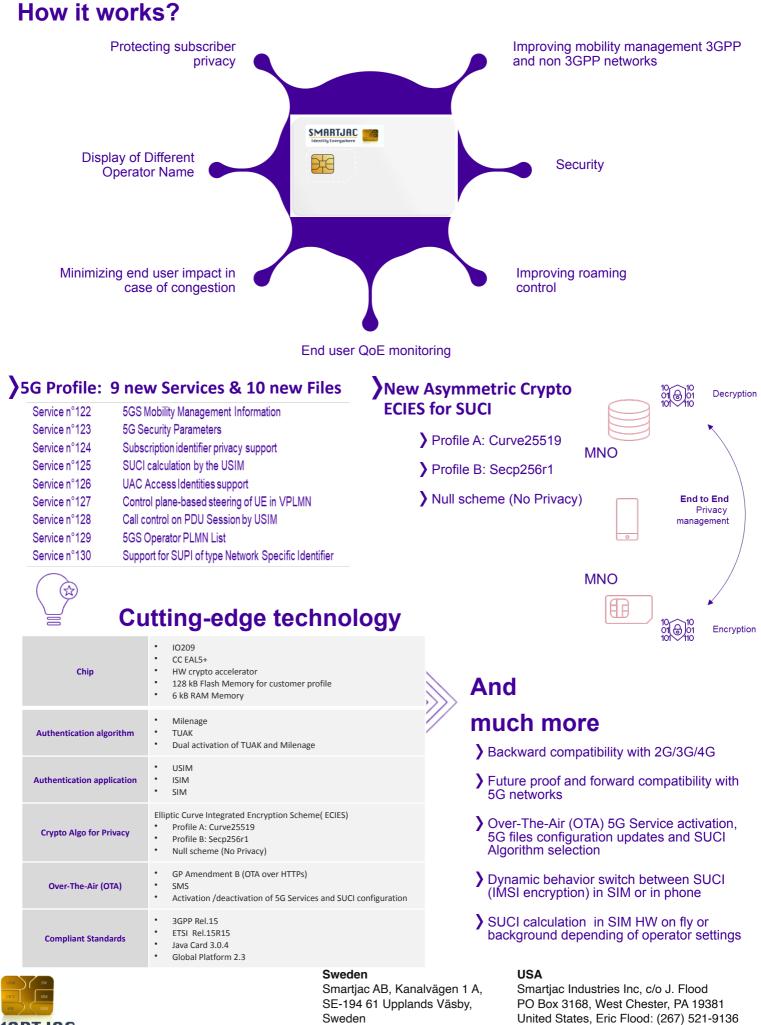


#### CC EAL5+ for Powering high security service and application

SMAOT500B allows The network operator to set up services and applications requiring certification of common criteria with high level security and fast HW processing







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