Enabling end-to-end security of data is one of the most critical aspects of any IoT deployment. BICS SIM for Things offers a global, robust and secure infrastructure, complete with industry-standard security processes at every stage of connectivity.

Built-in protection against attacks for any type of IoT deployment

Developed for IoT from the ground up, BICS SIM for Things protects your deployments with a highly secure mobile core network and an intelligent connectivity platform with multiple safeguards. Place your confidence in an infrastructure that upholds the industry’s highest security standards, with in-built protection across the entire attack surface of IoT.

Global connectivity over BICS’ IPX network, fully segregated from the public internet

Private IPX security extended to the data center

Secure core network, regularly tested and monitored 24x7

Resiliency everywhere, with multi-network coverage in 200+ countries

Intelligent protection built into SIM for Things platform

Core network security

24x7 threat monitoring with real-time detection of signaling attacks

Regular and proactive assessment of network against new threats

Global data and signaling connectivity, fully managed by BICS and segregated from the public internet

SIM management platform security

SIM management platform protection including firewall, authorization & user authentication

Anti-fraud, anomaly detection, revenue assurance based on usage & device control, limited access to internet, IMEI check, geofencing

BICS Sim for Things
Best-in-class security for global IoT connectivity
Leverage the world’s leading global IPX network

BICS’ carrier grade, wholly-owned global infrastructure features multiple redundancy for highest reliability and is completely segregated from the internet. As a result, your data is safe throughout its journey from the device to the data center. Our unique position in the roaming ecosystem allows full control of traffic and signaling coming in and out of devices.

Access a global backbone for IoT/M2M Transport through a highly secure, highly reliable private network connecting more than 400 mobile operators.

No.1 roaming provider in the world: fully owned global infrastructure, regional platforms and global support teams

API-based deployment: all functionalities available through APIs, with flexible customization

Optimized wholesale business model: backed by BICS’ unique roaming exchange platform for M2M/IoT

Security by design: at every stage of connectivity

End-to-end self-management portal: the central enabler for your connected business

For more information, please visit: www.bics-iot.com