

BICS Sim for Things

Best-in-class security for global IoT connectivity

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.



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



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.



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



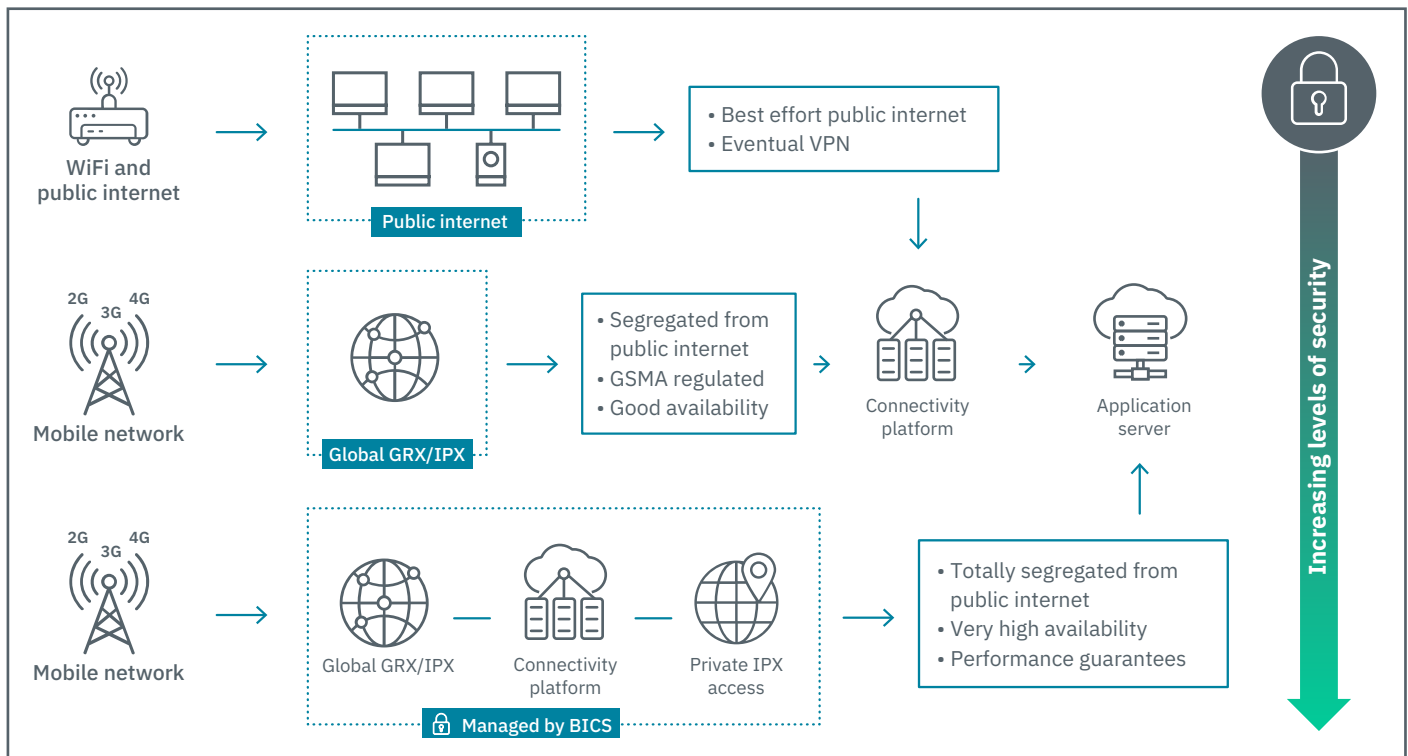
Anti-fraud, anomaly detection, revenue assurance based on usage & device control, limited access to internet, IMEI check, geofencing



Secured back-end integration (private IPX or encrypted VPN)

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