



The network behind the world's top networks

USE CASE 

BICS IOT SOLUTIONS: IOT SERVICE PROVIDERS

Customer

BICS enables IoT service providers to implement their own IoT platforms and telecom assets, to incorporate worldwide connectivity into their offering, building long-term revenue streams from global enterprises through value-added services.

Applications



Seamless global IoT connectivity



Help clients launch global connected services



Provide management of connectivity and analytics

Requirements



Seamless global connectivity



Multi-network coverage for reliability



Fast time-to-market



Management, administration and troubleshooting

Solutions

Roaming OSS

The BICS Roaming One Stop Shop solution (Roaming OSS) offers connectivity for devices and services across more than 200 countries worldwide. The state-of-the-art and easy to use environment manages all the activities required for rapid service rollout and easy management, from establishing roaming agreements, to billing and settlement. Roaming quality is guaranteed and day-to-day operations are simplified.

Roaming OSS is ideal for very large integrators and other players in the value chain with access to a core network, operator licenses and other telecoms assets. It reduces the lead time needed to develop a global roaming footprint from months to just a few weeks.

Pay-as-you-go scalable implementation eliminates high upfront capex and thus facilitates an attractive implementation model to end customers.

The service enables all types of connectivity (including voice, SMS, GPRS, 3G, CAMEL, LTE) with more than 770 operators and is fully compliant with GSMA Open Connectivity guidelines.

For an IoT service provider to be able to use the Roaming One Stop Shop solution, certain prerequisites need to be met:

*Roaming agreement with a sponsor, IR21 & AA14/IOT and OpData, International diameter signalling, Support of GTP V1 and GTP V2, DCH and NRTRDE agent International signalling connectivity.