JI Technology

Founded in 2008 to provide solutions and business development for MNO, MVNO, System Integrators & Service Providers, these solutions include charging, messaging, gateway applications and service control solutions. Our current & past engagements include Prepaid, Loyalty, Multi Payment Channel service, IOT, SMS gateways, EPC for sXGP/private networks/EDGE, Fintech consulting & others.

INTERNET OF THINGS
We are mapping out IOT value for those who are ready to act

PRIVATE EPC
Complete solutions for the enterprise, integrators, for service providers

SXGP
Reducing the cost of telecommunications services and improving the stability of wireless communication services

BESPOKE SOLUTIONS
Competitive & agile. Presales through delivery

Access Control for sXGP/uLTE enterprises

Access control ensures use of authorized devices on the enterprise network by checking both the IMSI of the SIM card and the IMEI of the device. This helps to restrict enterprise network access to only approved devices and users. Un-restricted devices and users are security risks that can bring malware, viruses into a network and also unauthorized access to the enterprise.

Why UE access restriction?

In the era of mobility, enterprises must be cognizant about the potential threats on the horizon. Nearly every employee has at least one mobile device that they use for work with the enterprises unable to enforce a BYOD policy due to the devices being managed by macro operators. These devices represent one of the biggest attack vectors in the enterprise.
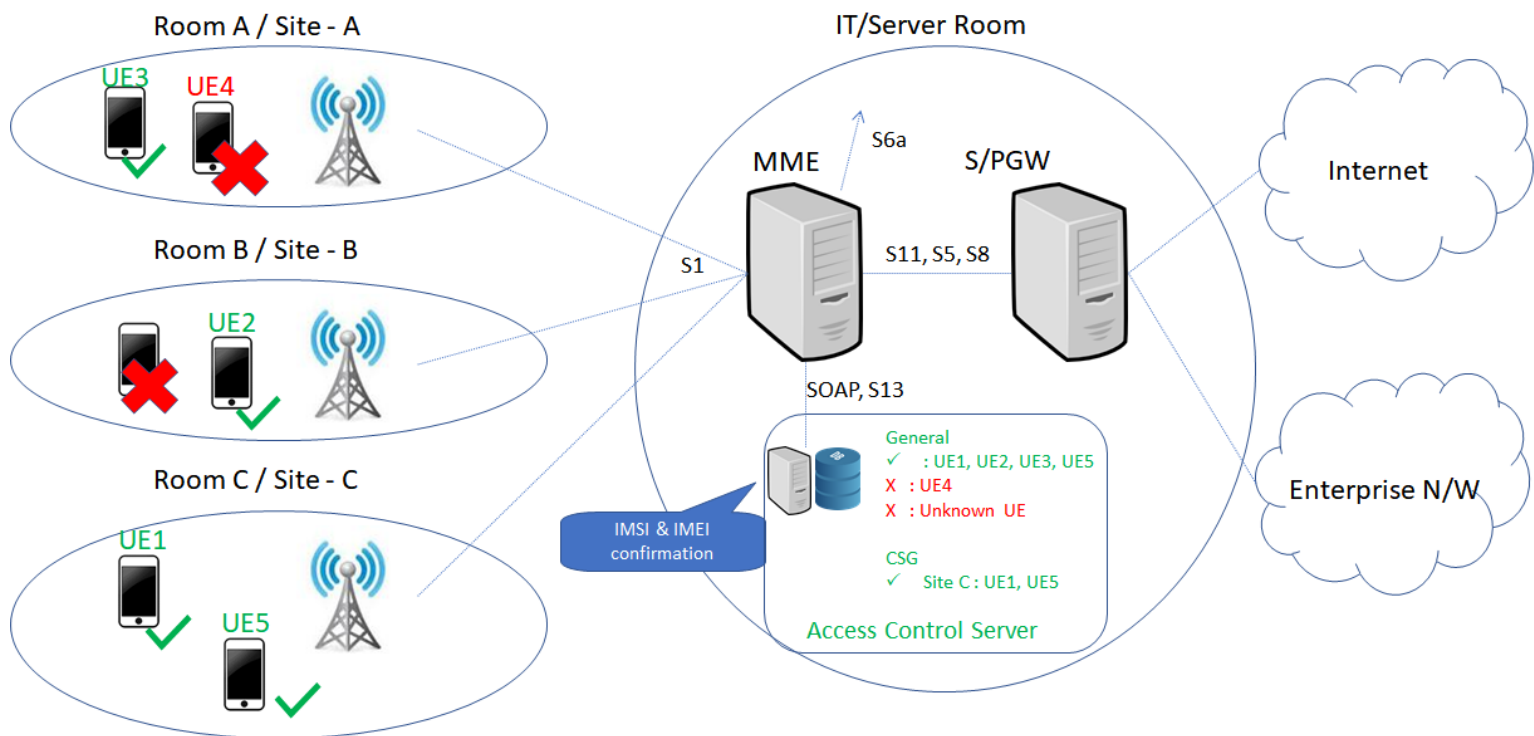
- With the introduction of private LTE networks, enterprises & institutions of all sizes can now block BYOD by controlling UE & SIM that can be used to access to private network
- Access control prevents unauthorized users from using mobile devices to access the enterprise network and specific access points (CSG)

Access Control & uLTE/sXGP/Multefire

The JIT Access Control Server brings the 1st level of security check to the private enterprise network by ensuing only the authorized uLTE Device & SIM can attach to the network. This happens even before the IMSI authentication with the HSS. The Access control server has been designed to satisfy the needs of organisations and facilities that need to tightly control access to mobile networks and services in a defined area.

- Verified with the sXGP environment (EPC, eNB, UE, SIM)
- Multiple MME per Access Control Server
- Ready for use in both 4G & 5G environments
- PCS-DSS compliant for information storage, access
- Integrated with the Quortus MME
- Checks IMEI & IMSI before HSS authentication
- Online update to add/update/remove entries
- Different Cause Codes per IMSI/IMEI
- Per MNCMCC cause code return
- Create Closed subscriber groups (Closed or open) for Access Points
    - Assign allowed IMSI to each Access Point ID
- On-Premise/Cloud options
- Realtime logging/GUI to see illegal & Valid device access requests
- Visit us at http://www.jitechnology.com