



## **5G NSA and SA Roaming Training**

This training provides a holistic understanding of roaming services in the telecommunications industry 4G and 5G in both NSA and SA.

Participants will grasp the business context, including regulatory frameworks and the intricacies of roaming services.

They'll gain insights into the fundamental mechanisms of mobile access and usage abroad. The training also covers roaming solutions, and delves into the business aspects of roaming and interconnection.

Participants will learn about the distinctions between retail and wholesale operations in roaming services, as well as other applications such as national roaming and Mobile Virtual Network Operator (MVNO) arrangements.

### **Audience**

Knowledge on 5G Technology

## Content of the Training: (2 Days)

- Context and drivers
- Basic Scenario
- International Roaming
- Interconnection
- MVNO and National Roaming
- Regulation
- Network impacts
- Service Impacts
- Billing et fraud Impacts
- Performance Measurement
- 5G NSA and SA Business requirements
- 5G NSA/SA architectures
- Radio and transport network impacts
- Core network impacts
- Roaming 5G NSA (option 3x) and SA (Option 2)
  - Impact on IMS Voice service
  - Impact on IMS SMS service
  - Roaming Agreement impact
- Roaming Billing Overview
- What is a roaming agreement?
- Understand the different steps of a roaming agreement opening
  - IREG Technical and Billing Validation
- IR.21 Handling : network evolutions

