

# Hands-On Voice Over LTE



## Course Description

LTE promises greatly accelerated data rates even when mobile users are traveling at hundreds of kilometers per hour.

However, as LTE moves from the labs into actual deployments, debates over the glaring gap in delivering voice over an LTE network are growing.

Voice is the major revenue generator for operators, and voice-over-LTE (VoLTE) is now being touted as the technology of choice for delivering voice to LTE networks.

In this course our SME will cover the benefits of VoLTE, and the challenges (both pre-deployment and post-deployment) faced by manufacturers and operators developing and deploying VoLTE networks and more...

## Students Will Learn

- **Why VoLTE and why now?**
- **How operators can guarantee call quality that meets and exceeds expectations of end-users**
- **The challenges of interoperating with legacy networks (UMTS, GSM, CDMA, etc.)**
- **The co-existence of data and voice over a shared network**
- **Monitoring, troubleshooting and analyzing a deployed VoLTE network**
- **And More...**

## Target Audience

Why VoLTE and why now?

How operators can guarantee call quality that meets and exceeds expectations of end-users

The challenges of interoperating with legacy networks (UMTS, GSM, CDMA, etc.)

The co-existence of data and voice over a shared network

Monitoring, troubleshooting and analyzing a deployed VoLTE network

## Prerequisites

None

## **Delivery Method**

Instructor-led with numerous exercises and case studies.

## **Equipment Requirements**

**(This apply's to our hands-on courses only)**

BTS always provides equipment to have a very successful Hands-On course. BTS also encourages all attendees to bring their own equipment to the course. This will provide attendees the opportunity to incorporate their own gear into the labs and gain valuable training using their specific equipment.

## **Course Length**

2 Days