INACON GmbH

Vo5G: Migration Path, Technology & Mobility

Duration: 1 full day or 2 x ½ day
Methodology: Online Delivery

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Part 1: Landscape & Vo5G Options

- **What is Vo5G: From EPS-FB to VoNR (Intro)**
- **VoNR, VoLTE, VoeLTE, EPS-FB, RAT-FB, VoWiFi**
    ◦ Network Architecture, Scenarios and Protocol Stacks
- **Migration Paths to VoNR**
    ◦ We depict three options
- **Long Term Evolution**
    ◦ Potential Inclusion of AR and VR into Vo5G
- **Vo5G in 3GPP and related GSMA Documents**

Part 2: Signaling Analysis & Layer 1

- **How do UE and Network indicate support for the various Vo5G options?**
    ◦ Namely: VoNR, VoLTE, EPS-FB, RAT-FB, VoWiFi (Detailed analysis of feature settings and options)
- **C-DRX settings for VoNR**
    ◦ Operation and Settings
    ◦ Analysis of related RRC-signaling
- **Codecs for Voice and Video**
    ◦ From EVS to H.266
- **Semi-persistent Scheduling and TTI-bundling**

Part 3: Mobility & Emergency Calls

- **Handover between VoNR and VoWiFi**
- **5G to 3G SRVCC**
- **Emergency Call Support in Vo5G**