HUAWEI CS Core Network and O&M - (5 days)

Overview

This program provides a good understanding of HUAWEI Release 4 Core Network architecture, interfaces, User and control planes, signaling protocols, routing principles and functional modules of various Network Elements. A detailed study hardware and software platform on HUAWEI MSS, MGW, HLR etc. along with basic routing and data configuration is carried out as part of this program.

Course Pre-requisites

Participants attending this program should have at least a year of experience in operation and maintenance of GSM NSS/UMTS CS or other telecommunication equipments. He or She should be familiar with MS Windows Operation System with basic knowledge of mobile communication.

Course Summary

➢ Introduction to Rel.4 with MSS, MGW & HLR Architecture
➢ MSS – MGW – HLR Interfaces and Protocols
➢ Control Plane & User Plane Protocols and its configurations
➢ HUAWEI MSOFTX 3000 Architecture
➢ HUAWEI MGW8900 Architecture
➢ HUAWEI HLR9820 Architecture
➢ Basic of Routing & Configuration
➢ Perform operation through LMT
➢ Perofrm local office data configuration
➢ Systems Administration, Maintenance
➢ Integration MSS to MSS (Nc Interface), MGW to MGW (Nb Interface), MGW to MSS (Mc
➢ Interface)
➢ Basic Operation and Maintenance Procedures

After attending this program, you should be able to:

➢ Describe the architecture of Huawei CS Core Network elements
➢ Perform routine Operations and Maintenance over Huawei CS Core network
➢ Execute basic to intermediate level troubleshooting activities over Huawei CS Core