



Course Synopsis

Course : EDGE Conversion

Duration: 1 day

ETS Code : ETS433

GSM, the Global System for Mobile Communications is the world's dominant mobile technology with around half a billion users. GSM has been enhanced in an evolutionary way by adding extra components to provide GPRS, the General Packet Radio System which can deliver data at up to around 30 to 40 kbps.

EDGE, which used to stand for Enhanced Data for GSM Evolution and nowadays often stands for Enhanced Data for Global Evolution, is an upgrade to the radio interface of GPRS that trebles the data throughput, hence often also referred to as EGPRS.

This one day course provides an update to delegates who are already familiar with both GSM and GPRS, explaining the new radio interface and the changes to GPRS necessary to support EDGE.

For delegates who have some familiarity with GSM but not GPRS, a companion course to this one includes the necessary GPRS background.

Course Contents:

1. **The Background to EDGE**
 - The Problems with GPRS
 - GPRS versus HSCSD
2. **Principles of EDGE**
 - Radio Modulation Changes
 - Coding Schemes Revisited
 - EDGE Coding Schemes
 - RN and Core Network Changes
3. **EDGE in the GSM Community**
 - Committed and 'Interested' Operators
4. **EDGE in the World Community**
 - EDGE as a 3G Network Technology

To register – call +44 (0)1306 628 006