

GPRS/EGPRS Technology

“GPRS/EGPRS Technology” is an intermediate technical course, which covers all aspects of packet-switched data transmission in GSM network. It is useful for those who operate, maintain and develop the GPRS subnetwork.

Target audience

The course is intended for technical GSM/GPRS staff and their management.

Training contents

- **Data and fax transmission services in GSM network**
- **GSM/GPRS network architecture**
(new GPRS network nodes and changes to the existing GSM nodes),
- **GPRS network interfaces based on IP protocol, SS No. 7 and Frame Relay**
- **Use of GPRS network**
(subscriber’s equipment, GPRS attach and PDP context activation procedures),
- **Air interface**
(physical and logical GPRS channels, access to common channels shared by several subscribers, location update procedures).
- **Increased efficiency of GSM as a result of GPRS introduction**
- **Quality of service, charging and international roaming**
- **EDGE/EGPRS technology**

Prerequisites

The participants should have attended one of the following courses for better understanding “GSM Technology” or have the equivalent knowledge on GSM networks.

Training method

Lectures, presentation of services and theoretical exercises.

Duration

2 days

Level

Intermediate