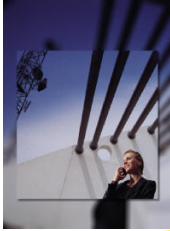


Mobile Systems



UMTS Insight

The UMTS 3G networks is an evolution from previous GSM networks. UMTS was defined first in R-99 with the main difference from previous network in radio capacity. The new air interface, UTRAN, together with the separation of the Radio Access Network and Core Network prepared for a higher grade of flexibility.

UMTS insight

OBJECTIVES

Understanding UMTS..
- evolution path
- among other 3G solutions
- standardisation bodies
- system requirements and solution principles
- parts working together
- future paths

TARGET GROUP

People in contact with or working with UMTS in one or another way.

PRECONDITION

The UMTS insight is for non-technicians or technicians without UMTS knowledge.

Platform - 1 day

Content day1

- ✕ **GSM evolution to UMTS**
 - GSM/GPRS/EDGE/UMTS
- ✕ **UMTS related to other 3G solutions**
 - CDMA2000

- ✕ **Standardisation organisations**
 - ETSI, 3GPP, 3GPP2, IETF, ..
- ✕ **Mobile system requirements and solution principles**
 - Radio connection
 - Capacity and Coverage

- ✕ **UMTS**
 - Characteristics
 - Services
 - Architecture
 - Radio Access principles
 - Terminals
- ✕ **Future paths**
 - IMS
 - Broadcast
 - WLAN integration

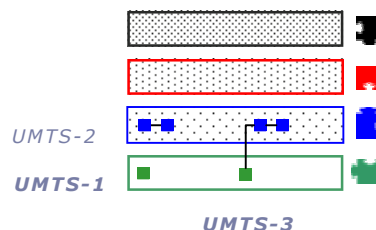
Products

UMTS-1:UMTS Insight (1 day)

UMTS-2:UMTS (2 days)

Product Combinations

UMTS-3:UMTS-1+2 (3 days)



"3G systems will provide access, by means of one or more radio links, to a wide range of telecommunication services supported by the fixed telecommunication networks and to other services that are specific to mobile users. A range of mobile terminal types will be encompassed, linking to terrestrial and/or satellite-based networks, and the terminals may be designed for mobile or fixed use."

Federal Communications Commission

 **Frendus Education**

Strandgatan 2
SE-582 26 Linköping
Sweden

+46 13 125020
www.frendus.se, info@frendus.se

Please call for more information

