

PROFESSIONAL PROFILE

Holger Habel

Name: Holger Habel Holger Habel

Year of birth: 1969

Nationality: German

Position: Senior Trainer and Consultant

Languages: German, English

Qualification: Dipl.-Ing. (University)

Electronics and Telecommunications

Key Qualifications



- GSM standard appreciation (architecture, interfaces, protocols, services) GSM standard implementation
 - Lucent BSS / NSS / OMC
 - Nokia BSS / NSS / NMS
 - Nortel BSS / NSS / OMC-R
- BSS equipment integration (Nokia BSC / TC, Talk-Family BTSs, MetroSite, UltraSite)
- NSS equipment integration (Nokia DX200i platform)
BSS equipment integration (Lucent BTS-2000/x, BCF-2000, STF-2000), NSS (5ESS-2000) and OMS (OMC-2000) implementation
- GSM BSS equipment integration (Nortel BSC12000 / TCU12000, BSCe3 / TCUE3, S8000/8002-Family BTSs, S2000 BTS)
GSM circuit-switched / packet-switched data services (HSCSD, GPRS)
- GSM / GPRS air interface parameter configuration
GSM signaling protocol analysis for BSS troubleshooting (SS7 trace analysis)

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- GSM-R standard appreciation
 - Functional Registers
 - ASCI Features (VGCS, VBS, eMLPP)
 - ATC features
 - Marshalling, shunting
 - Railway emergency calls
 - Functional addressing
 - Location-based addressing
 - GSM-R numbering plan
- GSM-R / GPRS air interface parameter configuration
- GSM-R BSS equipment integration (Nortel BSC12000 / TCU12000, S8002/8003-Family BTSs)
- GSM-R BSS dimensioning
- GSM-R network optimization
- Supported GSM-R customers:



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A GLOBAL INITIATIVE

- UMTS RAN and CN equipment integration (Nokia UltraSite Node B, Nokia IPA2800 platform RNC and CN)
- UMTS RAN and CN equipment integration (Nortel iBTS, iRNC)
- UMTS RAN remote management by OMC (Nortel W-NMS)
- ATM basics
- UMTS technology (WCDMA)
- UMTS RAN and CN signaling protocol analysis for troubleshooting
- ATM signaling protocol analysis for troubleshooting
- EDGE technology implementation