



Specifiche d'interfaccia

La rete UMTS di H3G è conforme alle specifiche del 3GPP (3rd Generation Partnership Project) elencate nella [seguinte tabella](#), mentre lo [schema grafico](#) fornisce una sintetica descrizione delle interfacce previste per una Public Land Mobile Network (PLMN) UMTS. Si precisa che le interfacce relative al Base Station System (BSS) non sono trattate nel presente documento in quanto esse non si riferiscono ad una PLMN UMTS.

Le specifiche indicate sono disponibili presso:

3GPP

3GPP support office address

650 Route des Lucioles - Sophia Antipolis

Valbonne - FRANCE

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

<http://www.3gpp.org/>

<http://www.3gpp.org/ftp/Specs/archive>

H3G ha inoltre definito un unico punto di contatto tecnico on-line per mettere a disposizione degli interessati informazioni di natura riservata e per tutte le altre informazioni comunque connesse alla materia in oggetto. A tal proposito è stato definito l'indirizzo e-mail: <mailto:interfacce@h3g.it>

Titolo della Specifica	N. specifica	Versione	Data
Core Network, Group Services and System Aspects			
3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN) (Release 1999)	22.002	3.6.0	(2001-03)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Circuit Teleservices supported by a Public Land Mobile Network (PLMN) (Release 1999)	22.003	3.3.0	(2000-06)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; International Mobile station Equipment Identities (IMEI) (3G TS 22.016 Release 1999)	22.016	3.2.0	(2000-06)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Core Network; Handover procedures (Release 1999)	23.009	3.7.0	(2001-06)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Core Network; Location Management Procedures (Release 99)	23.012	3.2.0	(2000-03)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Core Network; Support of Dual Tone Multi-Frequency (DTMF) signalling (3G TS 23.014 version 3.1.0)	23.014	3.1.0	(1999-12)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Core Network; Basic call handling; Technical realization (Release 99)	23.018	3.5.0	(2000-06)
-	-	-	-

3rd Generation Partnership Project;Technical Specification Group Terminals;Alphabets and language-specific information (3G TS 23.038 version 3.3.0)	23.038	3.3.0	(2000-01)
-	-	-	-
3rd Generation Partnership Project;Technical Specification Group Core Network (CN);Mobile radio interface layer 3 specification,Core Network Protocols - Stage 2 (Release 1999)	23.108	3.2.0	(2000-03)
-	-	-	-
3rd Generation Partnership Project;Technical Specification Group Core Network;Mobile radio interface signalling layer 3; General aspects (Release 1999)	24.007	3.4.0	(2000-06)
-	-	-	-
3rd Generation Partnership Project;Technical Specification Group Core Network;Mobile radio interface layer 3 specification;Core Network Protocols - Stage 3 (Release 1999)	24.008	3.8.0	(2001-06)
-	-	-	-
3rd Generation Partnership Project;Technical Specification Group Core Network;Mobile radio interface layer 3Supplementary services specification;General aspects (Release 1999)	24.010	3.0.0	(1999-05)
-	-	-	-
3rd Generation Partnership Project;Technical Specification Group Core Network;Point to Point (PP) Short Message Service (SMS) support on mobile radio interface (Release 1999)	24.011	3.5.0	(2000-12)
-	-	-	-
3rd Generation Partnership Project;Technical Specification Group Core Network;Radio Link Protocol (RLP) for circuit switched bearer and teleservices (Release 1999)	24.022	3.4.0	(2000-09)
-	-	-	-
3rd Generation Partnership Project;Technical Specification Group Core Network;Location Services (LCS);Supplementary service operations Stage3 (Release 1999)	24.030	3.2.0	(2001-06)
-	-	-	-
3rd Generation Partnership Project;Technical Specification Group Core Network;enhanced Multi-Level Precedence and Pre-emption service (eMLPP) - Stage 3 (Release 1999)	24.067	3.0.0	(1999-05)
-	-	-	-
3rd Generation Partnership Project;Technical Specification Group Core Network;Call Deflection (CD) Supplementary Service - Stage 3 (3G TS 24.072 version 3.0.0)	24.072	3.0.0	(1999-05)
-	-	-	-
3rd Generation Partnership Project;Technical Specification Group Core Network;Mobile radio interface layer 3supplementary services specification;Formats and coding (Release 1999)	24.080	3.5.0	(2001-06)
-	-	-	-
3rd Generation Partnership Project;Technical Specification Group Core Network;Line identification supplementary services - Stage3 (Release 9)	24.081	3.1.0	(2000-06)
-	-	-	-
3rd Generation Partnership Project;Technical Specification Group Core Network;Call Forwarding (CF) supplementary services - Stage 3 (3G TS 24.082 version 3.0.0)	24.082	3.0.0	(1999-05)

-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Core Network; Call Waiting (CW) and Call Hold (HOLD) supplementary services - Stage 3 (3G TS 24.083 version 3.0.0)	24.083	3.0.0	(1999-05)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Core Network; Multi Party (MPTY) supplementary service - Stage 3 (3G TS 24.084 version 3.0.0)	24.084	3.0.0	(1999-05)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Core Network; Closed User Group (CUG) supplementary service - Stage 3 (3G TS 24.085 version 3.0.0)	24.085	3.0.0	(1999-05)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Core Network; Advice of Charge (AoC) supplementary services - Stage 3 (3G TS 24.086 version 3.0.0)	24.086	3.0.0	(1999-05)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Core Network; User-to-User Signalling (UUS) Supplementary Service - Stage 3 (3G TS 24.087 version 3.0.0)	24.087	3.0.0	(1999-05)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Core Network; Unstructured Supplementary Service Data (USSD) - Stage 3 (3G TS 24.090 version 3.0.0)	24.090	3.0.0	(1999-05)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Core Network; Explicit Call Transfer (ECT) supplementary service - Stage 3 (3G TS 24.091 version 3.0.0)	24.091	3.0.0	(1999-05)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Core Network; Completion of Calls to Busy Subscriber (CCBS) - Stage 3 (3G TS 24.093 version 3.0.0)	24.093	3.0.0	(1999-05)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Core Network; Name identification supplementary services - Stage 3 (3G TS 24.096 version 3.0.0)	24.096	3.0.0	(1999-05)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Core Network; Multicall Supplementary Service - Stage 3 (Release 1999)	24.135	3.1.0	(2000-06)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Mandatory Speech Codec speech processing functions AMR Speech Codec; General Description (3G TS 26.071 version 3.0.1)	26.071	3.0.1	(1999-08)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; ANSI C code for the Adaptive Multi Rate speech codec (Release 1999)	26.073	3.2.0	(2001-03)
-	-	-	-

3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Mandatory speech codec speech processing functions; AMR speech codec test sequences (Release 1999)	26.074	-	(2001-03)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Mandatory Speech Codec speech processing functions AMR speech codec; Transcoding functions (3G TS 26.090 version 3.1.0)	26.090	3.1.0	(1999-12)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Mandatory Speech Codec speech processing functions AMR speech codec; Error concealment of lost frames (3G TS 26.091 version 3.1.0)	26.091	3.1.0	(1999-12)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Mandatory Speech Codec speech processing functions AMR Speech Codec; Comfort noise aspects (3G TS 26.092 version 3.0.1)	26.092	3.0.1	(1999-08)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Mandatory Speech Codec speech processing functions AMR Speech Codec; Source Controlled Rate operation (Release 1999)	26.093	3.3.0	(2000-12)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Mandatory Speech Codec speech processing functions AMR speech codec; Voice Activity Detector (VAD) (3G TS 26.094 version 3.0.0)	26.094	3.0.0	(1999-10)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Mandatory Speech Codec speech processing functions; AMR Speech Codec Frame Structure (Release 1999)	26.101	3.1.0	(2000-03)
-	--	-	-
3rd Generation Partnership Project; Mandatory speech codec; AMR speech codec; Interface to lu and Uu (Release 1999)	26.102	3.2.0	(2000-12)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Core Network; General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS) (Release 1999)	27.001	3.9.0	(2001-06)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Core Network; Terminal Adaptation Functions (TAF) for services using asynchronous bearer capabilities (Release 1999)	27.002	3.5.0	(2000-09)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Core Network; Terminal Adaptation Functions (TAF) for services using synchronous bearer capabilities (Release 1999)	27.003	3.4.0	(2000-06)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Terminals; Common Test Environments for User Equipment (UE) Conformance Testing (Release 1999)	34.108	3.4.0	(2001-06)

Radio Access Network 3rd Generation Partnership Project; Technical Specification Group Radio Access Network; UTRA (BS) FDD; Radio transmission and reception (Release 1999)	25.104	3.7.0	(2001/06)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Base station EMC (Release 1999)	25.113	3.5.0	(2001/03)
-	-	-	-
3rd Generation Partnership Project; Technical ¹ Specification Group Radio Access Network; Physical channels and mapping of transport channels onto physical channels (FDD) (Release 1999)	25.211	3.7.0	(2001/06)
-	-	3.a.0	(2002/03)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Multiplexing and channel coding (FDD) (Release 1999)	25.212	3.6.0	(2001/06)
-	-	3.9.0	(2002/03)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Spreading and modulation (FDD) (Release 1999)	25.213	3.6.0	(2001/06)
-	-	3.7.0	(2001/12)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Physical layer procedures (FDD) (Release 1999)	25.214	3.7.0	(2001/06)
-	-	3.a.0	(2002/03)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Physical layer; Measurements (FDD) (Release 1999)	25.215	3.7.0	(2001/06)
-	-	3.a.0	(2002/03)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Radio Access Network; UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode (Release 1999)	25.304	3.7.0	(2001/06)
-	-	3.11.0	(2002/06)
-	-	-	-
3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Medium Access Control (MAC) Protocol Specification (Release 1999)	25.321	3.8.0	(2001/06)
-	-	3.b.0	(2002/03)
-	-	-	-

3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 1999)	25.322	3.7.0	(2001/06)
-	-	3.a.0	(2002/03)
3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Packet Data Convergence Protocol (PDCP) protocol (Release 1999)	25.323	3.5.0	(2001/06)
-	-	3.8.0	(2002/03)
3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC) Protocol Specification (Release 1999)	25.331	3.7.0	(2001/06)
-	-	3.a.0	(2002/03)

-Si precisa che la presenza di due differenti versioni della stessa specifica nell'elenco relativo alla parte di accesso radio di H3G (Radio Access Network), è dovuta alla adozione da parte di H3G di due differenti fornitori di tecnologia radio.