



Schnittstellenbeschreibung

für das Netz der
Telekom Deutschland GmbH

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1. Allgemeiner Teil

Die vorliegende Schnittstellenbeschreibung dient der sich aus § 5 FTEG herleitenden Verpflichtung der Betreiber öffentlicher Telekommunikationsnetze, hier die Telekom Deutschland GmbH, technische Beschreibungen ihrer Netzzugangsschnittstellen bereitzustellen. Sie ist zu veröffentlichen sowie der Bundesnetzagentur für Elektrizität, Gas, Telekommunikation, Post und Eisenbahnen mitzuteilen. Gegebenenfalls sind die aktualisierten Beschreibungen der Netzschnittstellen zu veröffentlichen und der Bundesnetzagentur für Elektrizität, Gas, Telekommunikation, Post und Eisenbahnen mitzuteilen.

1.1 Bezugsbereich

Die vorliegende Schnittstellenbeschreibung beschreibt die Eigenschaften der Netzabschlusspunkte, über die Nutzer Zugang zum Netz der Telekom Deutschland erhalten.

1.2 Referenzspezifikationen:

Im Sinne größtmöglicher Aktualität und Konsistenz wird empfohlen, die Beschaffung der Referenzspezifikationen über die vom ETSI¹ und der 3GPP² vorgehaltenen Homepages vorzunehmen:

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

1.3 Kontakte

Die Schnittstellenbeschreibung kann unter:

<http://www.telekom.de/schnittstellenbeschreibungen>

abgerufen werden.

Die Schnittstellenbeschreibung kann auf Anfrage auch über u.a. Adresse angefordert werden.

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2. Haftung

Die Telekom Deutschland GmbH übernimmt keinerlei Haftung für Ansprüche, die sich aus der Anwendung der Referenzspezifikationen herleiten.

Die Telekom Deutschland GmbH behält sich vor, zu Zwecken der technischen Erprobung in zeitlich wie auch räumlich begrenzten Gebieten gegenüber den Schnittstellenbeschreibungen jederzeit variierende Implementierungen vorzunehmen. Mit der Publikation einer neuen Version verlieren alle vorhergehenden Schnittstellenbeschreibungen ihre Gültigkeit.

¹ European Telecommunications Standards Institute

² 3rd Generation Partnership Project (3GPP)

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503.	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data	TS 35.203
504.	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data	TS 35.204
505.	3G Security; Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 1: General	TS 35.205
506.	3G Security; Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 2: Algorithm specification	TS 35.206
507.	3G Security; Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 3: Implementors' test data	TS 35.207
508.	3G Security; Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 4: Design conformance test data	TS 35.208
509.	Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2; Document 1: UEA2 and UIA2 specifications	TS 35.215
510.	Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2; Document 2: SNOW 3G specification	TS 35.216
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4. Verwendungszweck der Schnittstelle

4.1 Tele Dienste

Zusammenstellung der Tele Dienste, die über die Schnittstelle angeboten werden

	Tele Dienst	Beschreibung	
1.	TS 11	Telephony Service	
2.	TS 12	Emergency Call Teleservices	
3.	TS 21	Short Message MT/PP	
4.	TS 22	Short Message MO/PP	
5.	TS 62	Automatic facsimile group 3	

4.2 Träger Dienste

Zusammenstellung der Träger Dienste, die über die Schnittstelle angeboten werden

	Träger Dienst	Beschreibung	
1.	BS 26	Asynchronous Circuit Switched Bearer Services (BS 20) CS data up to 9.6 kbps on GSM (2G)	
2.	BS 70	General Packet Radio Service	
3.	BS30	Video telephony on UMTS (3G) by using 64kbit synchronous data	

4.3 Zusatzdienste

Zusammenstellung der Zusatzdienste, die über die Schnittstelle angeboten werden

	Zusatzdienst	Beschreibung	
1.	Number Identification	CLIP, CLIR	
2.	Call Offering	CFU, CFNRy, CFB, CFNRc	
3.	Call Completion	Call Waiting, Call Hold	
4.	Multi Party	Multi Party	
5.	Call Restrict.	BAOC, BOIC, BOIC-exHC, BAIC, BIC-Roam	
6.	USSD	Unstructured Supplementary Service Data	

5. Historie

Version	Datum der Veröffentlichung	Fundstelle
1	Dienstag, 8. Mai 2001	http://www.t-d1.de
2	Dienstag, 5. März 2002	http://www.t-mobile.de
3	Dienstag, 18. Januar 2005	http://www.t-mobile.de
4	Dienstag, 19. Juli 2011	http://www.telekom.de