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Smart Cards; Card Application Toolkit (CAT) (Release 15)

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Contents

Intellectual Property Rights	12
Foreword.....	12
Modal verbs terminology.....	12
1 Scope	13
2 References	13
2.1 Normative references	13
2.2 Informative references.....	16
3 Definition of terms, symbols and abbreviations.....	17
3.1 Terms.....	17
3.2 Symbols.....	18
3.3 Abbreviations	18
4 Overview of CAT	20
4.0 Introduction	20
4.1 Profile download	20
4.2 Proactive UICC	20
4.3 Data download to UICC	21
4.4 Menu selection	21
4.5 Call control by network access application	21
4.6 Void.....	22
4.7 Event download.....	22
4.8 Security	22
4.9 Multiple card	22
4.10 Timer expiration.....	22
4.11 Bearer Independent Protocol	22
4.12 Description of the access technology indicator mechanism	23
4.13 Tag allocation guidelines.....	23
4.14 Description of the network search mode mechanism	23
4.15 CAT operation in reduced capability terminals.....	23
4.16 CAT over the modem interface	24
4.17 CAT facilities provided by eCAT clients	24
4.18 Negotiation of Poll Interval	25
4.19 eUICC operation	25
5 Profile download	25
5.1 Procedure.....	25
5.2 Structure and coding of TERMINAL PROFILE.....	26
5.3 Definition of display parameters in profile download	34
5.3.0 Overview	34
5.3.1 Number of characters supported down the terminal display.....	34
5.3.2 Number of characters supported across the terminal display.....	34
5.3.3 Display can be resized	34
5.3.4 Text wrapping.....	34
5.3.5 Text scrolling	35
5.3.6 Width reduction when in a menu	35
5.3.7 Text attributes	35
6 Proactive UICC	35
6.1 Introduction	35
6.2 Identification of terminal support.....	38
6.3 General procedure	38
6.4 Proactive UICC commands and procedures.....	39
6.4.1 DISPLAY TEXT	39
6.4.2 GET INKEY	40
6.4.3 GET INPUT.....	42
6.4.4 MORE TIME.....	43

6.4.5	PLAY TONE	43
6.4.6	POLL INTERVAL	44
6.4.7	REFRESH.....	44
6.4.8	SET UP MENU	47
6.4.9	SELECT ITEM.....	47
6.4.10	SEND SHORT MESSAGE	48
6.4.11	Void	49
6.4.12	Void	49
6.4.13	SET UP CALL.....	49
6.4.14	POLLING OFF	51
6.4.15	PROVIDE LOCAL INFORMATION	51
6.4.16	SET UP EVENT LIST	51
6.4.17	PERFORM CARD APDU	52
6.4.18	POWER OFF CARD	53
6.4.19	POWER ON CARD.....	53
6.4.20	GET READER STATUS.....	54
6.4.21	TIMER MANAGEMENT	54
6.4.22	SET UP IDLE MODE TEXT	55
6.4.23	RUN AT COMMAND	55
6.4.24	SEND DTMF.....	56
6.4.25	LANGUAGE NOTIFICATION	56
6.4.26	LAUNCH BROWSER	57
6.4.27	OPEN CHANNEL	58
6.4.27.1	OPEN CHANNEL related to CS bearer.....	58
6.4.27.2	OPEN CHANNEL related to packet data service bearer	60
6.4.27.3	OPEN CHANNEL related to local bearer.....	61
6.4.27.4	OPEN CHANNEL related to Default (network) Bearer.....	63
6.4.27.5	OPEN CHANNEL related to UICC Server Mode	64
6.4.27.6	OPEN CHANNEL related to Terminal Server Mode.....	65
6.4.28	CLOSE CHANNEL.....	66
6.4.29	RECEIVE DATA	67
6.4.30	SEND DATA.....	68
6.4.31	GET CHANNEL STATUS.....	69
6.4.32	SERVICE SEARCH	70
6.4.33	GET SERVICE INFORMATION	70
6.4.34	DECLARE SERVICE	71
6.4.35	SET FRAMES	71
6.4.36	GET FRAME STATUS.....	72
6.4.37	RETRIEVE MULTIMEDIA MESSAGE	72
6.4.38	SUBMIT MULTIMEDIA MESSAGE	73
6.4.39	DISPLAY MULTIMEDIA MESSAGE	74
6.4.40	ACTIVATE	75
6.4.41	CONTACTLESS STATE CHANGED	75
6.4.42	COMMAND CONTAINER	76
6.4.43	ENCAPSULATED SESSION CONTROL	76
6.4.44	eUICC OPERATION	76
6.5	Common elements in proactive UICC commands	76
6.5.1	Command number	76
6.5.2	Device identities	77
6.5.3	Alpha identifier	77
6.5.4	Icon identifiers	77
6.5.5	Text Attribute.....	77
6.5.6	Frame identifier	77
6.6	Structure of proactive UICC commands	78
6.6.0	Foreword.....	78
6.6.1	DISPLAY TEXT	78
6.6.2	GET INKEY	78
6.6.3	GET INPUT.....	79
6.6.4	MORE TIME.....	79
6.6.5	PLAY TONE	80
6.6.6	POLL INTERVAL	80
6.6.7	SET-UP MENU	81

6.6.8	SELECT ITEM.....	81
6.6.9	SEND SHORT MESSAGE	82
6.6.10	Void	82
6.6.11	Void	82
6.6.12	SET UP CALL.....	82
6.6.13	REFRESH.....	83
6.6.14	POLLING OFF.....	83
6.6.15	PROVIDE LOCAL INFORMATION.....	83
6.6.16	SET UP EVENT LIST.....	84
6.6.17	PERFORM CARD APDU.....	84
6.6.18	POWER OFF CARD.....	84
6.6.19	POWER ON CARD.....	84
6.6.20	GET READER STATUS.....	84
6.6.21	TIMER MANAGEMENT	85
6.6.22	SET UP IDLE MODE TEXT	85
6.6.23	RUN AT COMMAND	85
6.6.24	SEND DTMF COMMAND.....	86
6.6.25	LANGUAGE NOTIFICATION	86
6.6.26	LAUNCH BROWSER	86
6.6.27	OPEN CHANNEL.....	87
6.6.27.1	OPEN CHANNEL related to CS bearer.....	87
6.6.27.2	OPEN CHANNEL related to packet data service bearer	88
6.6.27.3	OPEN CHANNEL related to local bearer.....	89
6.6.27.4	OPEN CHANNEL related to Default (network) Bearer	90
6.6.27.5	OPEN CHANNEL related to UICC Server Mode	91
6.6.27.6	OPEN CHANNEL related to Terminal Server Mode	91
6.6.28	CLOSE CHANNEL.....	91
6.6.29	RECEIVE DATA	92
6.6.30	SEND DATA.....	92
6.6.31	GET CHANNEL STATUS	92
6.6.32	SERVICE SEARCH	92
6.6.33	GET SERVICE INFORMATION.....	93
6.6.34	DECLARE SERVICE	93
6.6.35	SET FRAMES	93
6.6.36	GET FRAMES STATUS.....	94
6.6.37	RETRIEVE MULTIMEDIA MESSAGE.....	94
6.6.38	SUBMIT MULTIMEDIA MESSAGE.....	95
6.6.39	DISPLAY MULTIMEDIA MESSAGE	95
6.6.40	ACTIVATE	95
6.6.41	CONTACTLESS STATE CHANGED	95
6.6.42	COMMAND CONTAINER	96
6.6.43	ENCAPSULATED SESSION CONTROL	96
6.6.44	eUICC OPERATION	96
6.7	Command results.....	97
6.8	Structure of TERMINAL RESPONSE.....	98
6.8.0	Overall coding	98
6.8.1	Command details	100
6.8.2	Device identities	101
6.8.3	Result	101
6.8.4	Duration	101
6.8.5	Text string.....	101
6.8.6	Item identifier	101
6.8.7	Local information	101
6.8.8	Call control requested action	102
6.8.9	Result data object 2.....	102
6.8.10	Card reader status	102
6.8.11	Card ATR	103
6.8.12	R-APDU	103
6.8.13	Timer identifier.....	103
6.8.14	Timer value.....	103
6.8.15	AT Response.....	103
6.8.16	Text string 2.....	103

6.8.17	Channel data	103
6.8.18	Channel status	103
6.8.19	Channel data length	103
6.8.20	Bearer description	104
6.8.21	Buffer size	104
6.8.22	Total display duration	104
6.8.23	Service Availability	104
6.8.24	Service Record	104
6.8.25	Other address (local address)	104
6.8.26	Frames Information	104
6.8.27	SA template	104
6.8.28	eCAT sequence number	105
6.8.29	Encrypted TLV list	105
6.8.30	MAC	105
6.8.31	DNS server address	105
6.9	Proactive UICC session and terminal display interaction	105
6.10	Handling of unknown, unforeseen and erroneous messages	105
6.10.1	General	105
6.10.2	Message too short	106
6.10.3	Missing minimum information	106
6.10.4	Unknown Tag value	106
6.10.5	Unexpected Tag value	106
6.10.6	Length errors	106
6.10.7	Contents not understood	107
6.10.8	Extended length data objects	107
6.11	Proactive commands versus possible terminal response	107
6.12	CAT session timeout	113
7	ENVELOPE commands	113
7.1	Void	113
7.2	Menu selection	113
7.2.0	Description	113
7.2.1	Procedure	113
7.2.2	Structure of ENVELOPE (MENU SELECTION)	113
7.3	Call Control by NAA	114
7.3.1	Call Control by NAA	114
7.3.1.1	Procedure for mobile originated calls	114
7.3.1.2	Void	114
7.3.1.3	Indication to be given to the user	115
7.3.1.4	Interaction with Fixed Dialling Number (FDN)	115
7.3.1.5	Support of Barred Dialling Number (BDN) service	116
7.3.1.6	Structure of ENVELOPE (CALL CONTROL)	116
7.4	Timer expiration	118
7.4.1	Description	118
7.4.2	Structure of ENVELOPE (TIMER EXPIRATION)	118
7.5	Event download	119
7.5.0	Overview	119
7.5.1	MT call event	119
7.5.1.1	Procedure	119
7.5.1.2	Structure of ENVELOPE (EVENT DOWNLOAD - MT call)	119
7.5.2	Call connected event	120
7.5.2.1	Procedure	120
7.5.2.2	Structure of ENVELOPE (EVENT DOWNLOAD - call connected)	120
7.5.3	Call disconnected event	121
7.5.3.1	Procedure	121
7.5.3.2	Structure of ENVELOPE (EVENT DOWNLOAD - call disconnected)	121
7.5.4	Location status event	122
7.5.4.1	Procedure	122
7.5.4.2	Structure of ENVELOPE (EVENT DOWNLOAD - Location status)	122
7.5.5	User activity event	123
7.5.5.1	Procedure	123
7.5.5.2	Structure of ENVELOPE (EVENT DOWNLOAD - User activity)	123

7.5.6	Idle screen available event.....	124
7.5.6.1	Procedure	124
7.5.6.2	Structure of ENVELOPE (EVENT DOWNLOAD - Idle screen available)	124
7.5.7	Card reader status event	125
7.5.7.1	Procedure	125
7.5.7.2	Structure of ENVELOPE (EVENT DOWNLOAD - Card reader status)	125
7.5.8	Language selection event.....	125
7.5.8.1	Procedure	125
7.5.8.2	Structure of ENVELOPE (EVENT DOWNLOAD - Language selection)	126
7.5.9	Browser termination event.....	126
7.5.9.1	Procedure	126
7.5.9.2	Structure of ENVELOPE (EVENT DOWNLOAD - Browser termination)	126
7.5.10	Data available event.....	127
7.5.10.1	Procedure	127
7.5.10.2	Structure of ENVELOPE (EVENT DOWNLOAD - Data available)	127
7.5.11	Channel status event	128
7.5.11.1	Procedure	128
7.5.11.2	Structure of ENVELOPE (EVENT DOWNLOAD - Channel status).....	128
7.5.12	Access Technology Change Event.....	129
7.5.12.1	Procedure	129
7.5.12.2	Structure of ENVELOPE (EVENT DOWNLOAD - Access Technology Change).....	129
7.5.13	Display parameters changed event.....	130
7.5.13.1	Procedure	130
7.5.13.2	Structure of ENVELOPE (EVENT DOWNLOAD - Display parameters changed).....	130
7.5.14	Local Connection event	130
7.5.14.1	Procedure	130
7.5.14.2	Structure of ENVELOPE (EVENT DOWNLOAD - Local Connection).....	131
7.5.15	Network Search Mode Change Event.....	131
7.5.15.1	Procedure	131
7.5.15.2	Structure of ENVELOPE (EVENT DOWNLOAD - Network Search Mode Change).....	132
7.5.16	Browsing status event.....	132
7.5.16.1	Procedure	132
7.5.16.2	Structure of ENVELOPE (EVENT DOWNLOAD - Browsing status)	132
7.5.17	Frames Information changed event.....	133
7.5.17.1	Procedure	133
7.5.17.2	Structure of ENVELOPE (EVENT DOWNLOAD - Frames Information changed).....	133
7.5.18	HCI connectivity event	134
7.5.18.1	Procedure	134
7.5.18.2	Structure of ENVELOPE (EVENT DOWNLOAD - HCI connectivity event).....	134
7.5.19	Contactless state request	134
7.5.19.1	Procedure	134
7.5.19.2	Structure of ENVELOPE (EVENT DOWNLOAD - Contactless state request).....	135
7.5.20	Profile Container.....	135
7.5.20.1	Procedure	135
7.5.20.2	Structure of ENVELOPE (EVENT DOWNLOAD - Profile Container)	136
7.5.21	Void	137
7.5.22	Poll Interval Negotiation.....	137
7.5.22.1	Procedure	137
7.5.22.2	Structure of ENVELOPE (EVENT DOWNLOAD - Poll Interval Negotiation).....	138
7.6	MMS Transfer Status	138
7.6.1	Procedure	138
7.6.2	Structure of ENVELOPE (MMS Transfer Status).....	139
7.7	MMS notification download.....	139
7.7.0	Introduction.....	139
7.7.1	Procedure	140
7.7.2	Structure of ENVELOPE (MMS notification download).....	140
7.8	Terminal Applications	141
7.8.1	Description.....	141
7.8.2	Structure of ENVELOPE (TERMINAL APPLICATIONS)	141
7.9	Envelope Container	142
7.9.1	Description.....	142
7.9.2	Structure of ENVELOPE (ENVELOPE CONTAINER).....	142

7.10	Service List Retrieval	143
7.10.1	Description.....	143
7.10.2	Structure of ENVELOPE (SERVICE LIST)	144
8	COMPREHENSION-TLV data objects	144
8.0	Introduction	144
8.1	Address.....	145
8.2	Alpha identifier	146
8.3	Subaddress.....	146
8.4	Capability configuration parameters	146
8.5	Void.....	146
8.6	Command details.....	146
8.7	Device identities	153
8.8	Duration.....	153
8.9	Item	154
8.10	Item identifier	154
8.11	Response length.....	155
8.12	Result.....	155
8.12.0	Overall structure and coding	155
8.12.1	Void	157
8.12.2	Additional information for terminal problem	157
8.12.3	Additional information for network problem.....	157
8.12.4	Void	157
8.12.5	Void	157
8.12.6	Void	158
8.12.7	Void	158
8.12.8	Additional information for interaction with call control.....	158
8.12.9	Additional information for MultipleCard commands	158
8.12.10	Additional information for launch browser problem	158
8.12.11	Additional information for Bearer Independent Protocol	159
8.12.12	Additional information for Frames commands	159
8.12.13	Additional information for SUBMIT and RETRIEVE MULTIMEDIA MESSAGE.....	160
8.13	3GPP- SMS TPDU	160
8.14	Void.....	160
8.15	Text string	160
8.15.0	Object structure.....	160
8.15.1	Coding of text in unpacked format	160
8.15.2	Coding of text in packed format	161
8.15.3	Coding of text in 16 bits UCS2 alphabet format.....	161
8.16	Tone.....	161
8.17	Void.....	162
8.18	File list.....	162
8.19	Location information.....	163
8.20	IMEI	163
8.21	Help request.....	163
8.22	Network measurement results	163
8.23	Default text.....	164
8.24	Items next action indicator	164
8.25	Event list.....	164
8.26	Cause	166
8.27	Location status.....	166
8.28	Transaction identifier	166
8.29	Void.....	166
8.30	Call control requested action	167
8.31	Icon identifier	167
8.32	Item icon identifier list	167
8.33	Card reader status	168
8.34	Card ATR	169
8.35	C-APDU	170
8.36	R-APDU	170
8.37	Timer identifier	170
8.38	Timer value	171

8.39	Date-time and time zone.....	171
8.40	AT command.....	172
8.41	AT response.....	172
8.42	BC repeat indicator.....	172
8.43	Immediate response.....	172
8.44	DTMF string.....	173
8.45	Language.....	173
8.46	Void.....	173
8.47	Browser identity.....	173
8.48	URL.....	173
8.49	Bearer.....	174
8.50	Provisioning file reference.....	174
8.51	Browser termination cause.....	174
8.52	Bearer description.....	175
8.53	Channel data.....	175
8.54	Channel data length.....	176
8.55	Buffer size.....	176
8.56	Channel status.....	176
8.57	Card reader identifier.....	177
8.58	Other Address.....	178
8.59	UICC/terminal interface transport level.....	178
8.60	AID.....	179
8.61	Access technology.....	179
8.62	Display parameters.....	179
8.63	Service record.....	180
8.64	Device filter.....	182
8.65	Service search.....	183
8.66	Attribute information.....	183
8.67	Service availability.....	184
8.68	Remote entity address.....	185
8.69	ESN.....	185
8.70	Network access name.....	186
8.71	CDMA-SMS TPDU.....	186
8.72	Text attribute.....	186
8.73	Item text attribute list.....	186
8.74	IMEISV.....	187
8.75	Network search mode.....	187
8.76	Battery State.....	187
8.77	Browsing status.....	188
8.78	Frame Layout.....	188
8.79	Frames Information.....	189
8.80	Frame identifier.....	189
8.81	MEID.....	190
8.82	Multimedia Message Reference.....	190
8.83	Multimedia Message Identifier.....	190
8.84	Multimedia Message Transfer status.....	190
8.85	MM Content Identifier.....	191
8.86	Multimedia Message Notification.....	191
8.87	Last Envelope.....	191
8.88	Registry application data.....	191
8.89	Activate descriptor.....	192
8.90	Broadcast Network information.....	193
8.91	Contactless state request.....	195
8.92	Contactless functionality state.....	195
8.93	Extended registry application data.....	195
8.94	eCAT client profile.....	196
8.95	eCAT client identity.....	196
8.96	Encapsulated envelope type.....	196
8.97	Call control/Poll Interval Negotiation result.....	196
8.98	eCAT sequence number.....	197
8.99	Encrypted TLV list.....	198
8.100	MAC.....	198

8.101	SA template	198
8.102	CAT service list.....	200
8.103	Refresh enforcement policy.....	201
8.104	DNS Server Address	202
8.105	Supported radio access technologies	202
8.106	Profile ID.....	203
8.107	Application specific refresh data	203
9	Tag values	204
9.0	Introduction	204
9.1	BER-TLV tags in terminal to UICC direction.....	204
9.2	BER-TLV tags in UICC to terminal direction.....	204
9.3	COMPREHENSION-TLV tags in both directions.....	204
9.4	Type of command and next action indicator	204
10	Allowed type of command and device identity combinations	205
11	Void.....	206
Annex A (normative):	Support of CAT by terminal equipment.....	207
Annex B (informative):	Example of DISPLAY TEXT proactive UICC command.....	209
Annex C (normative):	Structure of CAT communications	210
Annex D (informative):	Terminal display in proactive UICC session.....	211
Annex E (informative):	Help information feature processing.....	212
Annex F (informative):	Monitoring of events.....	213
Annex G (normative):	Support of multiple card operation.....	214
Annex H (informative):	Multiple card proactive command examples	215
Annex I (informative):	Bearer independent protocol proactive command examples.....	216
Annex J (informative):	WAP terminology.....	221
Annex K (informative):	Use of CAT bearer independent protocol for local links Bluetooth case	222
K.0	Foreword	222
K.1	Service search command.....	222
K.2	Get service information command	222
K.3	OPEN CHANNEL command.....	222
Annex L (informative):	Bluetooth service discovery protocol.....	225
L.0	Overview	225
L.1	Service attribute.....	226
Annex M (informative):	Use of CAT bearer independent protocol for local links, server case.....	227
Annex N (informative):	Browsing terminology.....	228
Annex O (informative):	Use of USAT Bearer independent protocol for local links IrDA case.....	229
O.0	Foreword	229
O.1	Service Search command	229
O.2	Get Service Information command	229

O.3	OPEN CHANNEL command.....	229
Annex P (informative):	IrDA Information Access Service.....	231
Annex Q (informative):	IrDA IAS class name and associated parameters	232
Annex R (informative):	Example of Frames usage.....	233
Annex S (normative):	Support of CAT by Terminals with reduced feature capabilities	236
Annex T (normative):	Default routing for CAT over the modem interface	239
T.0	Supported facilities.....	239
T.1	Default routing mechanism	240
T.2	Combination rules for terminal profiles	241
Annex U (informative):	Example of eCAT usage	242
Annex V (informative):	Change history	245
History		250

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- Z the third digit is incremented when editorial only changes have been incorporated in the document.

Modal verbs terminology

In the present document "**shall**", "**shall not**", "**should**", "**should not**", "**may**", "**need not**", "**will**", "**will not**", "**can**" and "**cannot**" are to be interpreted as described in clause 3.2 of the [ETSI Drafting Rules](#) (Verbal forms for the expression of provisions).

"**must**" and "**must not**" are **NOT** allowed in ETSI deliverables except when used in direct citation.

1 Scope

The present document defines the interface between the UICC and the terminal, and mandatory terminal procedures, specifically for "NAA Card Application Toolkit".

The Card Application Toolkit (CAT) is a set of generic commands and procedures for use by the ICC, irrespective of the access technology of the network. Within the scope of the present document, the UICC refers here to an ICC which supports at least one application in order to access a network. This application is called here Network Access Application (NAA).

The ICC is considered as a platform, which is either based on ETSI TS 102 221 [1] or ETSI TS 102 600 [38], here called "3G platform" or ETSI TS 151 011 [8], here called "2G platform".

NAA can be:

- a USIM application, as defined in ETSI TS 131 102 [6], which can reside only on a 3G platform;
- a SIM application, as defined in ETSI TS 151 011 [8], which can reside either on a 3G or a 2G platform;
- a TSIM application, as defined in ETSI TS 100 812 [i.2], which can reside only on a 3G platform;
- a ISIM application, as defined in ETSI TS 131 103 [36], which can reside only on a 3G platform;
- a CSIM application, as defined in 3GPP2 C.S0065-B [53];
- an R-UIM application, as defined in 3GPP2 C.S0023-D [30]; or
- other applications residing on a 3G platform or a 2G platform. Specifying the interface is to ensure interoperability between an ICC and a terminal independently of the respective manufacturers and operators.

The present document specifies as well mechanisms in order to expand the generic set of commands and procedures by access technology specific ones.

The present document defines:

- the commands;
- the application protocol;
- the mandatory requirements on the ICC and terminal for each procedure.

The present document does not specify any aspects related to the administrative management phase. Any internal technical realization of either the ICC or the terminal are only specified where these reflect over the interface. The present document does not specify any of the security algorithms that may be used.

2 References

2.1 Normative references

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

- In the case of a reference to a TC SCP document, a non-specific reference implicitly refers to the latest version of that document in the same Release as the present document.

Referenced documents which are not found to be publicly available in the expected location might be found at <https://docbox.etsi.org/Reference>.

NOTE: While any hyperlinks included in this clause were valid at the time of publication, ETSI cannot guarantee their long term validity.