Audio/Video Control Transport Protocol (AVCTP)

***Bluetooth*® Implementation Conformance Statement (ICS) Proforma**

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1 General principles

1.1 Implementation Under Test (IUT) identification

Using the Bluetooth SIG qualification tool, the implementer is expected to declare details about what will be implemented.

2 ICS declarations

2.1 Versions

Table 0: X.Y Versions

Item	Version	Reference	Status
1	AVCTP 1.0**	AVCTP 1.0	Deprecated 2022-02-01. Withdrawn 2023-02-01.
2	AVCTP 1.2**	AVCTP 1.2	Deprecated 2022-02-01. Withdrawn 2023-02-01.
3	AVCTP 1.3**	AVCTP 1.3	Deprecated 2013-07-24. Withdrawn 2023-02-01.
4	AVCTP 1.4	AVCTP 1.4	M

2.2 Core Configuration

Table 0a: Core Configuration Requirements

Item	Core Configuration	Reference	Status
1	Protocol supported over BR/EDR	[1] 2.2	C.1, C.3
2	Protocol supported over LE	[1] 2.2	C.2

C.1: Excluded for this Protocol IF CORE 41/2 “LE Core Configuration” OR CORE 40/1 “Core-Controller”.

C.2: Excluded for this Protocol.

C.3: Mandatory for this Protocol.

2.3 Roles

Table 1: Role Requirements

Item	Role	Reference	Status
1	Controller	[1] 3.1	C.1
2	Target	[1] 3.1	C.1

C.1: Mandatory to support at least one.

2.4 Controller capabilities

Table 2: Controller Features

Prerequisite: AVCTP 1/1 “Controller”

Item	Capability	Reference	Status
1	Message fragmentation	[1] 4.3, 6.1.2	O
2	Transaction label management	[1] 4.2, 6.1.1, 6.1.2	M
3	Packet type field management	[1] 4.3, 6.1.1, 6.1.2	M

** Deprecated versions may not appear in the Bluetooth SIG qualification tool after the deprecation date. TCRLs published after this date will not allow the use of deprecated versions.

Item	Capability	Reference	Status
4	Message type field management	[1] 4.5, 6.1.1, 6.1.2	M
5	PID field management	[1] 4.4, 6.1.1, 6.1.2	M
6	IPID field management	[1] 6.1.1, 6.1.2	M
7	Message information management	[1] 6.1, 6.2	M
8	Event registration for message reception	[1] 11.1	O
9	Event registration for connection request	[1] 11.1	O
10	Event registration for disconnection request	[1] 11.1	O
11	Connect request	[1] 11.2.1	O
12	Disconnect request	[1] 11.2.3	O
13	Send message	[1] 11.2.4	O
14	Support for multiple AVCTP channel establishment requests	[1] 5.1	O

2.5 Target capabilities

Table 3: Target Features

Prerequisite: AVCTP 1/2 “Target”

Item	Capability	Reference	Status
1	Message fragmentation	[1] 4.3, 6.1.2	O
2	Transaction label management	[1] 4.2, 6.1.1, 6.1.2	M
3	Packet type field management	[1] 4.3, 6.1.1, 6.1.2	M
4	Message type field management	[1] 4.5, 6.1.1, 6.1.2	M
5	PID field management	[1] 4.4, 6.1.1, 6.1.2	M
6	IPID field management	[1] 6.1.1, 6.1.2	M
7	Message information management	[1] 6.1, 6.2	M
8	Event registration for message reception	[1] 11.1	O
9	Event registration for connection request	[1] 11.1	O
10	Event registration for disconnection request	[1] 11.1	O
11	Connect request	[1] 11.2.1	O
12	Disconnect request	[1] 11.2.2	O
13	Send message	[1] 11.2.3	O

3 References

[1] Audio/Video Control Transport Protocol Specification (AVCTP), Version 1.4 or later

4 Revision history and acknowledgments

Revision History

Publication Number	Revision Number	Date	Comments
	0.9	2001-11	Release to Associates
	0.9a	2002-02	Release
	1.00	2003-02	Release for Voting Draft
0	Version 1.0	2003-05	Updated title and header
1	Version 1.2	2004-04-14	Updated Disclaimer and Copyright Notice. Clerical changes.
2	1.1.1r1	2004-12-29	Editorial and format change. Incorporate TSE 700 to Table 2.
	1.2.1r1	2005-01-26	Changed document number.
3	1.2.1	2005-02-10	Final format for publication.
	1.2.2r0	2006-02-07	Updated for compatibility with templates.
4	1.2.2	2006-06-08	Prepare for publication.
	1.2.2.r0	2008-06-25	Editorial update: Added Table 0 to match TPG
5	1.2.3	2008-12-22	Prepare for publication
6	1.3.4r0	2011-09-13	
	1.4.0r0	2012-06-01	Updated specification version. Converted to new ICS template text and layout. Added AVDTP 1.4 ICS in Table 0. Changed O.1 status in Table 1 to C.1 as at least one of the items must be supported.
	1.4.0r1	2012-06-12	Updated Reference column of Tables 1, 2 and 3 to remove logical AND in addition to supplying formal AVCTP specification reference. Added References section as Section 2.
7	1.4.0	2012-07-24	Prepare for publication
	1.4.1r00	2016-11-02	TSE 8026: Technical update to C.1 endnote (Table 0) and template updated.
8	1.4.1	2016-12-13	Approved by BTI. Prepared for TCRL 2016-2 publication.
	1.4.2r00	2018-02-07	TSE 9954 (rating 1): Updated ICS template. Updated reference fields.
9	1.4.2	2018-07-01	Approved by BTI. Prepared for TCRL 2018-1 publication.
	1.4.2ed2 r00–r02	2021-03-15 – 2021-05-19	TSE 16006 (rating 1): Updated Table 0 statuses to reflect items being deprecated and withdrawn. Assigned publication number 9 to previous revision 1.4.2. Editorials from template and consistency checker.
	1.4.2 edition 2	2021-05-26	Approved by BTI on 2021-05-06. Prepared for edition 2 publication.

Publication Number	Revision Number	Date	Comments
	1.4.2ed3 r00–r01	2021-07-15 – 2021-09-24	TSE 17165 (rating 1): Corrected the deprecation date for AVCTP v1.3 in Table 0. Consistency checker editorials to align with the wording in the latest ICS template.
	1.4.2 edition 3	2021-09-28	Approved by BTI on 2021-09-27. Prepared for edition 3 publication.
	1.4.2ed4r00	2023-08-07	TSE 23686 (rating 1): Updated the X.Y. Versions table. Made editorial updates to align the document with the latest ICS template. Updated the copyright page to align with v2 of the DNMD.
	1.4.2 edition 4	2023-08-28	Approved by BTI on 2023-08-24. Prepared for edition 4 publication.
	p10r00	2023-01-03	TSE 24740 (rating 1): Updated throughout to align the document with the latest ICS conventions, including conversion to the publication numbering scheme.
10	p10	2024-07-01	Approved by BTI on 2024-05-22. Prepared for TCRL 2024-1 publication.
	p11r00	2025-02-21	TSE 27019 (rating 2): Added “Core Configuration” section and Table 0a. Applied the current ICS template.
11	p11	2025-07-08	Approved by BTI on 2025-05-30. Prepared for TCRL pkg100 publication.
	p12r00	2025-12-05 – 2026-01-06	TSE 28346 (rating 1): Updated the conditions in the transport table to make sure the layer is excluded when the design is an implementation of the Core-Controller Configuration by adding "OR CORE 40/1 “Core-Controller”" to an already excluded transport based on Core Configuration support.
12	p12	2026-02-17	Approved by BTI on 2026-01-22. Prepared for TCRL pkg102 publication.

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