

# Generic Audio/Video Distribution Profile (GAVDP)

## **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.

## 1.2 Enforcement of inter-layer dependencies

This ICS includes one or more tables with inter-layer dependencies (ILDs). ILDs are used for specification requirements that are dependent on other supporting specifications. ILDs can refer to an individual ICS item in a separate layer (individual ILD), or it can refer to the full layer (full-layer ILD).

ILDs residing in an X2Core layer will be enforced from the Bluetooth SIG qualification tool in the following conditions, depending on where the referred ILD is residing:

Referred ILD resides in	Individual ILD	Full-layer ILD
Controller layer	Core-Complete configuration, or Referred layer is supported	N/A
Lower HCI layer	HCI is supported	N/A
Upper HCI layer	Core-Host configuration, or UHCI is supported	N/A
Host layer	Core-Host configuration, or Core-Complete configuration, or Referred layer is supported	N/A
X2Core layer	Core-Host configuration, or Core-Complete configuration, or Referred layer is supported	Core-Host configuration, or Core-Complete configuration

Table 1.1: Enforcement of an ILD within the Bluetooth SIG qualification tool

## 2 ICS declarations

### 2.1 Versions

Table 0: No longer used

Table 2a: GAVDP Initiator – X.Y Versions

Prerequisite: GAVDP 1/1 “Initiator”

Item	Version	Reference	Status
1	GAVDP 1.0**	[1]	Deprecated 2022-02-01. Withdrawn 2023-02-01.
2	GAVDP 1.2**	[3]	Deprecated 2022-02-01. Withdrawn 2027-02-01.
3	GAVDP 1.3	[4]	M

Table 3a: GAVDP Acceptor – X.Y Versions

Prerequisite: GAVDP 1/2 “Acceptor”

Item	Version	Reference	Status
1	GAVDP 1.0**	[1]	Deprecated 2022-02-01. Withdrawn 2023-02-01.
2	GAVDP 1.2**	[3]	Deprecated 2022-02-01. Withdrawn 2027-02-01.
3	GAVDP 1.3	[4]	M

### 2.2 Core Configuration

Table 0a: Core Configuration Requirements

Item	Core Configuration	Reference	Status
1	Profile supported over BR/EDR	[1] 1.2	C.1, C.3
2	Profile supported over LE	[1] 1.2	C.2

C.1: Excluded for this Profile IF CORE 41/2 “LE Core Configuration”.

C.2: Excluded for this Profile.

C.3: Mandatory for this Profile.

### 2.3 Roles

Table 1: Role Requirements

Item	Role	Reference	Status
1	Initiator	[1] 2.2	C.1

\*\* 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	Role	Reference	Status
2	Acceptor	[1] 2.2	C.1
3	Delay Reporting Initiator	[1] 4.1.1	O
4	Delay Reporting Acceptor	[1] 4.1.1	O

C.1: Mandatory to support at least one.

## 2.4 Initiator capabilities

**Table 2: GAVDP Procedures (Initiator)**

*Prerequisite: GAVDP 1/1 “Initiator”*

Item	Feature	Reference	Status
1	Connection Establishment	[1] 4.1.1	M
2	Transfer Control – Suspend	[1] 4.1.4	O
3	Transfer Control – Change Parameters	[1] 4.1.5	O
4	Start Streaming	[1] 4.1.2	M
5	Connection Release	[1] 4.1.3	M
6	Signaling Control – Abort	[1] 4.1.6	M
7	Security Control	[1] 4.1.7	O
8	Delay Reporting	[1] 4.1.8	O

### 2.4.1 AVDTP procedures Initiator role

**Table 4: AVDTP Procedures (Initiator)**

*Prerequisite: GAVDP 1/1 “Initiator”*

Item	Feature	Reference	Status	Inter-Layer Dependency
1	Stream discover command	[1] 3.1.9	M	[2] AVDTP 4/1 OR AVDTP 4b/1
2	Stream get capabilities command	[1] 3.1.9	M	[2] AVDTP 4/2 OR AVDTP 4b/2
3	Set configuration command	[1] 3.1.9	M	[2] AVDTP 4/3 OR AVDTP 4b/3
4	Open stream command	[1] 3.1.9	M	[2] AVDTP 5/1 OR AVDTP 5b/1
5	Start stream command	[1] 3.1.9	M	[2] AVDTP 5/2 OR AVDTP 5b/2
6	Close stream command	[1] 3.1.9	M	[2] AVDTP 5/3 OR AVDTP 5b/3
7	Abort stream command	[1] 3.1.9	M	[2] AVDTP 5/5 OR AVDTP 5b/5
8	Stream get all capabilities command	[1] 3.1.1	M	[2] AVDTP 4/6 OR AVDTP 4b/6

## 2.5 Acceptor capabilities

**Table 3: GAVDP Procedures (Acceptor)**

*Prerequisite: GAVDP 1/2 “Acceptor”*

Item	Feature	Reference	Status
1	Connection Establishment	[1] 4.1.1	M
2	Transfer Control – Suspend	[1] 4.1.4	O
3	Transfer Control – Change Parameters	[1] 4.1.5	O
4	Start Streaming	[1] 4.1.2	M
5	Connection Release	[1] 4.1.3	M
6	Signaling Control – Abort	[1] 4.1.6	M
7	Security Control	[1] 4.1.7	O
8	Delay Reporting	[1] 4.1.8	O

### 2.5.1 AVDTP procedures Acceptor role

**Table 5: AVDTP Procedures (Acceptor)**

*Prerequisite: GAVDP 1/2 “Acceptor”*

Item	Feature	Reference	Status	Inter-Layer Dependency
1	Stream discover response	[1] 3.1.9	M	[2] AVDTP 10/1 OR AVDTP 10b/1
2	Stream get capabilities response	[1] 3.1.9	M	[2] AVDTP 10/2 OR AVDTP 10b/2
3	Set configuration response	[1] 3.1.9	M	[2] AVDTP 10/3 OR AVDTP 10b/3
4	Open stream response	[1] 3.1.9	M	[2] AVDTP 11/1 OR AVDTP 11b/1
5	Start stream response	[1] 3.1.9	M	[2] AVDTP 11/2 OR AVDTP 11b/2
6	Close stream response	[1] 3.1.9	M	[2] AVDTP 11/3 OR AVDTP 11b/3
7	General reject message	[1] 3.1.9	M	[2] AVDTP 11/6 OR AVDTP 11b/6
8	Abort stream response	[1] 3.1.9	M	[2] AVDTP 11/5 OR AVDTP 11b/5
9	Stream get all capabilities response	[1] 3.1.1	M	[2] AVDTP 10/6 OR AVDTP 10b/6

## 3 References

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- [1] Bluetooth Generic Audio/Video Distribution Profile Specification, Version 1.0 or later
- [2] ICS Proforma for Audio/Video Distribution Transport Protocol (AVDTP)
- [3] Bluetooth Generic Audio/Video Distribution Profile Specification, Version 1.2
- [4] Bluetooth Generic Audio/Video Distribution Profile Specification, Version 1.3



## 4 Revision history and acknowledgments

### Revision History

Publication Number	Revision Number	Date	Comments
0	Version 1.0	2003-05-01	Update title and header
	Version 1.2 R00	2004-04-14	Updated Disclaimer and Copyright Notice. Clerical changes.
	Version 1.2 R01	2004-04-19	Corrected internal cross reference hyperlink.
	Version 1.2 R02_d01	2004-10-12	Included errata 607, added some contributors.
	1.1.1r1	2004-12-21	Editing and format change Incorporated TSE 607 for Table GAVDP 7 and Table GAVDP 13
1	1.1.1	2004-12-30	Incorporate review comments.
	1.1.2r1	2005-01-18	Incorporate V1.2 editorial updates/review comments.
2	1.1.2	2005-02-16	Prepare for final publication.
	1.1.3r0	2006-11-15	TSE 1709: Table 5 and Table 6 change to “No changes” TSE 1713 Table 11 and Table 12 change to “No changes”
3	1.1.3	2007-01-08	Prepare for publication.
4	1.1.4r0	2007-06-04	TSE 2035: Table modifications to Tables 2, 4, 5, 6, 8, 10, 11, 12 to fix reference numbering to corresponding ICS docs.
	1.1.5r0	2010-05-01	TSE 3051: Remove requirements Table 5, 6, 11, and 12 as in ICS revision 1.1.3.
	1.1.5r1	2011-02-25	TSE 4275 Add Table 0
5	1.1.5r0	2009-12-18	Release for Synchronization Voting Draft
6	1.2.0r0	2011-02-15	Prepare for publication
	1.3.0r1	2011-03-11	Update after AV F2F
	1.3.0r2	2011-12-05	Merge changes from Core Spec 2.1+EDR updates
	1.3.0r3	2012-02-20	Revise with latest ICS template
	1.3.0r4	2012-04-02	Added Get All Capabilities command to Table 2. Added Start Streaming and Connection Release capabilities to Table 7. Added Get All Capabilities response to Table 8. Added Start Streaming and Connection Release capabilities to Table 13.
	1.3.0r5	2012-04-17	Editorial updates
	1.3.0r6	2012-05-22	Reverted ICS numbering where applicable. Aligned AVDTP Tables with AVDTP ICS Conditional changes implemented from BTI Review.
	1.3.0r7	2012-06-05	Applied comments from the WG to address some of the BTI Conditional questions

Publication Number	Revision Number	Date	Comments
	1.3.0r8	2012-07-01	Editorial updates to apply section numbering defined by published ICS template.
7	1.3.0	2012-07-24	Prepare for publication.
	1.3.1r00	2017-04-12	TSE 8285: Updated Template. TSE 8373: Added in new ICS references for AVDTP.
	1.3.1r01	2017-05-10	TSE 8373: References updated. Modified conditionals for Tables 1, 2, 7, 8, 13. Deleted introductory paragraph above Tables 2-6, and 8-12. Modified references in Tables 2 and 8. Set the following tables to no longer used: Tables 3-6 and 9-12.
8	1.3.1	2017-07-03	Approved by BTI. Prepared for TCRL 2017-1 publication.
	1.3.2r00	2019-04-09	TSE 11210 (rating 2): Updated to allow different versions to be selected between supported roles. Added new version tables and removed Table 0. Renumbered the tables to align with Launch Studio. Moved the Revision History and Contributors tables to the end of the document.
9	1.3.2	2019-07-28	Approved by BTI. Prepared for TCRL 2019-1 publication.
	1.3.2ed2r00–r02	2021-04-01 – 2021-05-21	TSE 16012 (rating 1): Added deprecation and withdrawal information and Inter-Layer Dependency items as needed and made miscellaneous editorials to fix issues identified by the consistency checker. Made various template-related editorials, including adding a Publication Number column to the rev history and assigning previous v1.3.2 as p9.
	1.3.2 edition 2	2021-05-26	Approved by BTI on 2021-05-06. Prepared for edition 2 publication.
	1.3.2ed3r00–r04	2023-02-07 – 2023-02-23	TSE 22624 (rating 1): Updated to align with the latest ICS conventions, moved version tables to the beginning of the document, and updated the Withdrawal date for GAVDP 1.2 from 2023-02-01 to 2024-02-01. Corrected Withdrawal dates for GAVDP 1.0 in Tables 2a and 3a. Deleted all revision history comments prior to p0.
	1.3.2 edition 3	2023-02-27	Approved by BTI on 2023-02-23. Prepared for edition 3 publication.
	p10r00–r01	2023-01-03 – 2023-04-24	TSE 24742 (rating 1): Performed various editorials to align the document with the latest ICS conventions, including conversion to the publication numbering scheme. TSE 25115 (rating 1): Updated the withdrawal date for GAVDP v1.2 in Tables 2a and 3a.
10	p10	2024-07-01	Approved by BTI on 2024-05-22. Prepared for TCRL 2024-1 publication.

Publication Number	Revision Number	Date	Comments
	p11r00–r01	2025-02-25 – 2025-05-13	TSE 26953 (rating 2): For Tables 2a and 3a, updated Reference values. Added “Core Configuration” section and Table 0a. Updated “References” section. Applied the current ICS template.
11	p11	2025-07-08	Approved by BTI on 2025-05-30. Prepared for TCRL pkg100 publication.

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