Device Information Service (DIS)

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

- **Revision:** DIS.ICS.p7
- **Revision Date:** 2026-02-17
- **Prepared By:** BTI
- **Published during TCRL:** TCRL.pkg102

Contents

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: X.Y Versions

Item	Version	Reference	Status
1	DIS v1.1	[1]	C.1
2	DIS v1.2	[3]	C.1

C.1:   Mandatory to support one and only one.

2.2   Transports

Table 1: Transport Requirements

Item	Transport	Reference	Status
1	Service supported over BR/EDR	[1] 1.5	C.1, C.3
2	Service supported over LE	[1] 1.5	C.2, C.3
3	No longer used	N/A	N/A

C.1:   Excluded for this Service IF CORE 41/2 "LE Core Configuration" OR CORE 40/1 "Core-Controller".

C.2:   Excluded for this Service IF CORE 41/1 "BR/EDR Core Configuration" OR CORE 40/1 "Core-Controller".

C.3:   Mandatory to support at least one.

2.3   Service requirements

Table 2: Service Requirements

Item	Capability	Reference	Status
1	Device Information Service	[1] 2	M
2	Manufacturer Name String Characteristic	[1] 3.1	O
3	Model Number String Characteristic	[1] 3.2	O
4	Serial Number String Characteristic	[1] 3.3	O
5	Hardware Revision String Characteristic	[1] 3.4	O
6	Firmware Revision String Characteristic	[1] 3.5	O
7	Software Revision String Characteristic	[1] 3.6	O
8	System ID Characteristic	[1] 3.7	O
9	IEEE 11073-20601 Regulatory Certification Data List Characteristic	[1] 3.8	O
10	SDP Interoperability	[1] 4	C.1
11	PnP ID	[1] 3.9	O
12	UDI for Medical Devices Characteristic	[3] 3.10	C.2

C.1:   Mandatory IF DIS 1/1 "Service supported over BR/EDR", otherwise Excluded.

C.2:   Excluded IF DIS 0/1 "DIS v1.1", otherwise Optional.

2.4   GATT requirements

Table 3: GATT Requirements

Item	Capability	Reference	Status	Inter-Layer Dependency
1	No longer used	N/A	N/A	N/A
2	GATT Server over BR/EDR	[1] 1.3	C.1	[2] GATT 1a/4
3	GATT Server over LE	[1] 1.3	C.2	[2] GATT 1a/3

C.1:   Mandatory IF DIS 1/1 "Service supported over BR/EDR", otherwise not defined.

C.2:   Mandatory IF DIS 1/2 "Service supported over LE", otherwise not defined.

2.5   SDP requirements

Table 4: SDP Requirements

Prerequisite: DIS 1/1 "Service supported over BR/EDR"

Item	Capability	Reference	Status
1	SDP record present for DIS	[1] 4	M

2.6   Service integration

Table 5: Service Integration

Item	Version	Reference	Status
1	DIS as a Primary Service	[1]	C.1, C.3
2	DIS as a Secondary Service	[3]	C.2, C.3

C.1:   Mandatory IF DIS 0/1 "DIS v1.1", otherwise Optional.

C.2:   Excluded IF DIS 0/1 "DIS v1.1", otherwise Optional.

C.3:   Mandatory to support at least one.

3   References

[1]   Device Information Service Specification, Version 1.1 or later

[2]   ICS Proforma for Generic Attribute Profile (GATT.ICS)

[3]   Device Information Service Specification, Version 1.2

4 Revision history and acknowledgments

Revision History

Publication Number	Revision Number	Date	Comments
0	1.0.0	2011-05-24	Prepare for publication.
	1.1.0r1	2011-10-01	Changes as per DIS Specification 1.1
	1.1.0r2	2011-10-04	Removed unused reference and updated reference fields
	1.1.0r3	2011-10-12	Addressed BTI comments
	1.1.0r4	2011-10-13	Changed conditional reference in Table 2 from C.2 to C.1
	1.1.0r5	2011-10-13	Changes to include HID PnP ID characteristic per GPA discussion
	1.1.0r6	2011-10-20	Editorial changes
	1.1.0r7	2011-11-02	Addressed BTI comments
1	1.1.0	2011-11-29	Adopted by the Bluetooth SIG Board of Directors
	1.1.1r00	2016-07-28	TSE 7393: Added Table 0, Versions.
2	1.1.1	2016-12-13	Approved by BTI. Prepared for TCRL 2016-2 publication.
	1.1.2r00	2018-02-15	TSE 9906 (TSE rating: 1): Corrected Section 1.3 (Transport Requirements) and Section 1.4 (Service Requirements).
3	1.1.2	2018-06-27	Approved by BTI. Prepared for TCRL 2018-1 publication.
	p4r00–r02	2022-03-16 – 2022-10-13	TSE 18715 (rating 1): Editorials to align the document with the latest ICS template in anticipation of a future .Z release. Assigned publication number 3 to previous v1.1.2 and aligned copyright page with v2 of the DNMD. TSE 19222 (rating 1): Additional updates to align with current ICS conventions/template. Updated the reference in Table 0. In Table 1, marked Item 3 as no longer used, deleted the ILD column, and updated C.1. Updated references in Table 3. Updated references in Table 4 and in the References section.
4	p4	2023-02-07	Approved by BTI on 2022-12-28. Prepared for TCRL 2022-2 publication.

Publication Number	Revision Number	Date	Comments
	p5r00–r02	2023-05-01 – 2023-05-12	Incorporated the DIS.TSandICS.CRr02_MultipleInstances CR, which passed BTI vote on 2023-04-27, in support of the upcoming release of DIS v1.2. Added DIS v1.2 to the Versions table, and added a new Service Integration section/table. Added DIS v1.2 to the References section. Incorporated the DIS.TSandICS.CRr00_UDI-ac CR, which passed BTI vote on 2023-05-10, in support of the upcomign release of DIS v1.2. Added DIS v1.2 to the Versions table, and added new item 2/12 and associated conditional C.2. Added DIS v1.2 to the References section and updated the DIS v1.1 reference to include "or later" verbiage. Removed enumeration in C.1 of Table 1. Updated References in Table 2.
5	p5	2023-06-23	Approved by BTI on 2023-05-21. DIS v1.2 adopted by the BoD on 2023-06-21. Prepared for publication.
	p6r00	2025-04-30	TSE 27324 (rating 1): In Table 1, updated the Status value for DIS 1/1 and DIS 1/2, added conditions C.1 and C.2, and renumbered C.1 as C.3. Incorporated editorials to align the document with the latest ICS template, including updates to Section 1 and the addition of a section heading for the ICS declarations section.
6	p6	2025-07-08	Approved by BTI on 2025-06-15. Prepared for TCRL pkg100 publication.
	p7r00	2025-12-04 – 2025-12-12	TSE 28169 (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.
7	p7	2026-02-17	Approved by BTI on 2026-01-21. Prepared for TCRL pkg102 publication.