Device Identification (DID)

Bluetooth® Implementation Conformance Statement (ICS) Proforma

- Revision: DID.ICS.p5
- Revision Date: 2023-02-07
- Prepared By: BTI
- Published during TCRL: TCRL.2022-2



This document, regardless of its title or content, is not a Bluetooth Specification as defined in the Bluetooth Patent/Copyright License Agreement ("PCLA") and Bluetooth Trademark License Agreement. Use of this document by members of Bluetooth SIG is governed by the membership and other related agreements between Bluetooth SIG Inc. ("Bluetooth SIG") and its members, including the PCLA and other agreements posted on Bluetooth SIG's website located at <u>www.bluetooth.com</u>.

THIS DOCUMENT IS PROVIDED "AS IS" AND BLUETOOTH SIG, ITS MEMBERS, AND THEIR AFFILIATES MAKE NO REPRESENTATIONS OR WARRANTIES AND DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY, TITLE, NON-INFRINGEMENT, FITNESS FOR ANY PARTICULAR PURPOSE, THAT THE CONTENT OF THIS DOCUMENT IS FREE OF ERRORS.

TO THE EXTENT NOT PROHIBITED BY LAW, BLUETOOTH SIG, ITS MEMBERS, AND THEIR AFFILIATES DISCLAIM ALL LIABILITY ARISING OUT OF OR RELATING TO USE OF THIS DOCUMENT AND ANY INFORMATION CONTAINED IN THIS DOCUMENT, INCLUDING LOST REVENUE, PROFITS, DATA OR PROGRAMS, OR BUSINESS INTERRUPTION, OR FOR SPECIAL, INDIRECT, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED AND REGARDLESS OF THE THEORY OF LIABILITY, AND EVEN IF BLUETOOTH SIG, ITS MEMBERS, OR THEIR AFFILIATES HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

This document is proprietary to Bluetooth SIG. This document may contain or cover subject matter that is intellectual property of Bluetooth SIG and its members. The furnishing of this document does not grant any license to any intellectual property of Bluetooth SIG or its members.

This document is subject to change without notice.

Copyright © 2004–2023 by Bluetootasdfsdfh SIG, Inc. The Bluetooth word mark and logos are owned by Bluetooth SIG, Inc. Other third-party brands and names are the property of their respective owners.



| Co | ontents | S | | |
|--|--------------------------------------|--|---|--|
| 1 Identification of the implementation | | | | |
| | 1.1 | Implementation Under Test (IUT) identification | 4 | |
| | | Versions | | |
| | 1.3 | Capability Statement | 5 | |
| | 1.3.1 | SDP Requirements | 5 | |
| 2 | Refe | rences | 6 | |
| 3 | Revision history and acknowledgments | | | |
| | | | | |



1 Identification of the implementation

1.1 Implementation Under Test (IUT) identification

Identification of the Implementation Under Test (IUT) is to be filled in to provide as much detail as possible regarding version numbers and configuration options.

An ICS contact person to respond to queries regarding information supplied in this ICS proforma is named in the Declaration of Compliance: Summary of Selected Specifications in Implementation.



1.2 Versions

Table 0: Major Versions (X.Y)

| Item | Version | Reference | Status |
|------|----------|-----------|--------|
| 1 | DID v1.2 | [1] | C.1 |
| 2 | DID v1.3 | [2] | C.1 |

C.1: Mandatory to support one and only one of DID 0/1 "DID v1.2" OR DID 0/2 "DID v1.3".

1.3 Capability Statement

1.3.1 SDP Requirements

Table 1: SDP Requirements

| Item | Capability | Reference | Status | Inter-Layer Dependency |
|------|---------------------|----------------------|--------|---------------------------|
| 1 | SpecificationID | [1] 5.1 | М | N/A |
| 2 | VendorID | [1] 5.2 | М | N/A |
| 3 | ProductID | [1] 5.3 | М | N/A |
| 4 | Version | [1] 5.4 | М | N/A |
| 5 | PrimaryRecord | [1] 5.5 | М | N/A |
| 6 | VendorIDSource | [1] 5.6 | М | N/A |
| 7 | ClientExecutableURL | [1] 7, [2] 8.1 | 0 | [3] SDP 9/16 |
| 8 | ServiceDescription | [1] 7, [2] 8.1 | 0 | [3] SDP 9/10 |
| 9 | DocumentationURL | [1] 7, [2] 8.1 | 0 | [3] SDP 9/15 |
| 10 | ServiceClassIDList | [1] 6, 7, [2] 6, 8.1 | М | [3] SDP 9/19 |
| 11 | Server | [1] 6, 7, [2] 6, 8.1 | М | [3] SDP 1b/1 |

2 References

- [1] Device Identification Specification, Version 1.2 or later
- [2] Device Identification Specification, Version 1.3
- [3] ICS Proforma for Service Discovery Protocol (SDP)



3 Revision history and acknowledgments

Revision History

| Publication Number | Revision Number | Date | Comments |
|-----------------------|--------------------|------------|--|
| | 0.9 | 2004-08-20 | Initial release |
| | 0.9r02 | 2004-11-03 | Editorial changes |
| | 0.9r03 | 2004-11-08 | Editorial changes |
| | 0.9r04 | 2005-01-27 | Changed PICs to profile ICS, editorial changes, added profile IXIT, removed optional SDP record attributes |
| 0 | 1.0r01 | 2005-04-19 | Editorial changes |
| | 1.2.0r1 | 2005-05-13 | Change to numbering to reflect v1.2 related specification level |
| | 1.2.0r2 | 2005-05-16 | Harmonization with common Bluetooth ICS standards |
| | 1.2.0r3 | 2005-06-28 | Editorial changes |
| | 1.2.0r4 | 2005-07-21 | Editorial changes & added Peter Hauser to the list of contributors Fixed section 2.2.2 to state conformance with "Service Discovery Protocol" |
| | 1.2.0r5 | 2005-08-22 | Edits by HID Chair—Removed Tables 2 and 3, edited Table 4, changed Title |
| | 1.2.0r6 | 2005-09-15 | Changed document number from D12 to 1.2; removed comments |
| | 1.2.0r7 | 2006-01-11 | Formatting updates |
| 1 | 1.2.0 | 2006-01-12 | Prepare for publication. |
| | 1.3.1r0 | 2009-04-28 | TSE 2754: Add Table 0 to match TPG |
| | 1.3.1r1 | 2009-06-04 | Added footnote to Table 0 |
| 2 | 1.3.1 | 2009-07-30 | Prepare for publication. |
| | 1.3.2r01 | 2014-05-01 | TSE 5475: Added item 1/7 (ClientExcutableURL), 1/8 (ServiceDescription), and 1/9 (DocumentationURL) and added references to DID 1.2 and 1.3 or later. |
| 3 | 1.3.2 | 2014-07-07 | TCRL 2014-1 Publication |
| | 1.3.3r00 | 2017-01-24 | TSE 8422: IXIT information removed and template updated. |
| 4 | 1.3.3 | 2017-07-03 | Approved by BTI. Prepared for TCRL 2017-1 publication. |



| Publication Number | Revision Number | Date | Comments |
|-----------------------|--------------------|----------------------------|--|
| | p5r00–r01 | 2022-10-30 – 2022-12-02 | TSE 19259 (rating 3): Updated to align with current ICS conventions/template. In Table 0, updated the table title, versions, references, and C.1. In Table 1, added "SDP Server role" and "ServiceClassIDList" (Items 10 and 11) and added an ILD column. Deleted separate SDP and GAP sections (1.3.2 and 1.3.3). Updated the references list. Added a Publication Number column to the Revision History. Revised the document numbering convention, setting the last release publication of 1.3.3 as p4. Performed additional template-related formatting fixes. |
| | | | Replaced the Bluetooth logo in the footer and updated the copyright page to align with v2 of the DNMD. |
| 5 | р5 | 2023-02-07 | Approved by BTI on 2022-12-19. Prepared for TCRL 2022-2 publication. |

Acknowledgments

| Name | Company |
|----------------|-------------------------|
| Peter Flittner | Cambridge Silicon Radio |
| Chris Dreher | Microsoft |
| Peter Hauser | Microsoft |
| Wayne King | Microsoft |

