

# Immediate Alert Service (IAS)

## **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: X.Y Versions

Item	Version	Reference	Status
1	IAS v1.0	[1]	M

### 2.2 Transports

Table 1: Transport Requirements

Item	Transport	Reference	Status
1	Service supported over BR/EDR	[1] 1.5	C.1
2	Service supported over LE	[1] 1.5	C.2, C.3

C.1: Excluded for this Service.

C.2: Excluded for this Service IF CORE 41/1 “BR/EDR Core Configuration”.

C.3: Mandatory for this Service.

### 2.3 Service requirements

Table 2: Service Requirements

Item	Capability	Reference	Status
1	Immediate Alert Service	[1] 2	M
2	Alert Level Characteristic	[1] 3.1	M
3	Alert Level Characteristic, Write without Response	[1] 3.1.1	M
4	Writing Alert Level Behavior	[1] 4.1	M
5	No longer used	N/A	N/A

### 2.4 GATT requirements

Table 3: GATT Requirements

Item	Capability	Reference	Status	Inter-Layer Dependency
1	GATT Server over LE	[1] 1.4	M	[2] GATT 1a/3
2	Write without Response	[1] 1.4	M	[2] GATT 4/12

Table 4: No longer used

## 3 References

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- [1] Immediate Alert Service Specification, Version 1.0
- [2] ICS Proforma for Generic Attribute Profile (GATT)

## 4 Revision history and acknowledgments

### Revision History

Publication Number	Revision Number	Date	Comments
0	1.0.0	2011-06-26	Prepare for publication.
	1.0.1r0	2011-12-15	TSE 4633: Update Table 1 to include GAP 0/3 to align with other GATT based services
1	1.0.1	2012-03-30	Prepare for publication.
	1.0.2r00	2016-08-16	TSE 7490: Added Table 0. Updated conditional for Table 2. Updated References section.
2	1.0.2	2016-12-13	Approved by BTI. Prepared for TCRL 2016-2 publication.
	1.0.3r00	2018-03-06	Template update. TSE 10458 (rating 3): Removed the items related to SDP. Removed ICS items 2/5 and Table 4 items 4/1-4/3. Removed SDP reference.
3	1.0.3	2018-06-27	Approved by BTI. Prepared for TCRL 2018-1 publication.
	p4r00–r01	2022-10-25	TSE 20343 (rating 1): Updated to align with current ICS conventions/template. Removed Support columns and added an Inter-Layer Dependency column where appropriate. Updated references in Tables 0 – 3. In Table 0, also updated the table title. In Table 1, updated C.1. In Table 3, add an ILD column. Updated the references list. Removed the “SDP Requirements” section and deleted Table 4 because it is no longer used. Added a Publication Number column to the Revision History. Revised the document numbering convention, setting the last release publication of 1.0.3 as p3. 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.
4	p4	2023-02-07	Approved by BTI on 2022-12-28. Prepared for TCRL 2022-2 publication.
	p4ed2r00	2025-02-12	TSE 27076 (rating 1): Updated Table 0 title and 1/2 status and added Table 1 conditionals C.2 and C.3. Updated capability entry for 2/5. Updated 3/1. Applied the current ICS template. Deleted revision history before publication 0.
	p4 edition 2	2025-03-14	Approved by BTI on 2025-03-11. Prepared for edition 2 publication.

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