Phone Alert Status Profile (PASP)

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

- **Revision:** PASP.ICS.p4 edition 2
- **Revision Date:** 2025-08-05
- **Prepared By:** BTI
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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	PASP v1.0	[1]	M

2.2 Roles

Table 1: Role Requirements

Item	Transport	Reference	Status
1	Phone Alert Status Server	[1] 2.1	C.1
2	Phone Alert Status Client	[1] 2.1	C.1

C.1: Mandatory to support at least one.

2.3 Transports

Table 2: Transport Requirements

Item	Transport	Reference	Status
1	Profile supported over BR/EDR	[1] 2.5	C.1
2	Profile supported over LE	[1] 2.5	C.2, C.3

C.1: Excluded for this Profile.

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

C.3: Mandatory for this Profile.

2.4 Phone Alert Status Server Role

2.4.1 Services – Phone Alert Status Server Role

Table 3: Service – Phone Alert Status Server Role

Prerequisite: PASP 1/1 “Phone Alert Status Server”

Item	Capability	Reference	Status	Inter-Layer Dependency
1	Phone Alert Status Service	[1] 2.2	M	[2] PASS 2/1

2.4.2 Features – Phone Alert Status Server Role

Table 4: Features – Phone Alert Status Server Role

Prerequisite: PASP 1/1 “Phone Alert Status Server”

Item	Capability	Reference	Status
1	Verify Bond Status on Reconnection	[1] 5.2.3	M

2.4.3 GAP requirements – Phone Alert Status Server Role

Table 5: GAP Requirements – Phone Alert Status Server Role

Prerequisite: PASP 1/1 "Phone Alert Status Server"

Item	Capability	Reference	Status	Inter-Layer Dependency
1	Central	[1] 2.4	M	[4] GAP 5/4 OR GAP 38/4
2	Peripheral	[1] 2.4	O	[4] GAP 5/3 OR GAP 38/3
3	Bondable mode (Central)	[1] 5.2.2	M	[4] GAP 34/2
4	Bondable mode (Peripheral)	[1] 5.1.2	C.1	[4] GAP 24/2
5	LE security mode 1 (Central)	[1] 6	M	[4] GAP 35/1
6	LE security mode 1 (Peripheral)	[1] 6	C.1	[4] GAP 25/1
7	Limited discoverable mode (Peripheral)	[1] 5.1.1	C.1	[4] GAP 22/2
8	Unauthenticated Pairing (LE security mode 1 level 2) (Central)	[1] 6	M	[4] GAP 35/8
9	Unauthenticated Pairing (LE security mode 1 level 2) (Peripheral)	[1] 6	C.2	[4] GAP 25/8
10	Authenticated Pairing (LE security mode 1 level 3) (Central)	[1] 6	M	[4] GAP 35/7
11	Authenticated Pairing (LE security mode 1 level 3) (Peripheral)	[1] 6	C.2	[4] GAP 25/7

C.1: Mandatory IF PASP 5/2 "Peripheral", otherwise not defined.

C.2: Mandatory to support at least one IF PASP 5/2 "Peripheral", otherwise not defined.

Table 6: No longer used

2.5 Phone Alert Status Client Role

2.5.1 Discover Services and Characteristics – Phone Alert Status Client Role

Table 7: Discover – Phone Alert Status Client Role

Prerequisite: PASP 1/2 "Phone Alert Status Client"

Item	Capability	Reference	Status
1	Discover Phone Alert Status Service	[1] 4.1	M
2	Discover Alert Status characteristic	[1] 4.2	M
3	Discover Alert Status characteristic- Client Characteristic Configuration Descriptor	[1] 4.2	M
4	Discover Ringer Setting characteristic	[1] 4.2	M
5	Discover Ringer Setting characteristic- Client Characteristic Configuration Descriptor	[1] 4.2	M
6	Discover Ringer Control Point characteristic	[1] 4.2	M

2.5.2 Features – Phone Alert Status Client Role

Table 8: Features – Phone Alert Status Client Role

Prerequisite: PASP 1/2 "Phone Alert Status Client"

Item	Capability	Reference	Status
1	Alert Status characteristic, read using handle	[1] 4.3	M
2	Alert Status characteristic configuration with 0x0001	[1] 4.5	M
3	Receive notification of Alert Status characteristic	[1] 4.4	M
4	Ringer Setting characteristic, read using handle	[1] 4.5	O
5	Ringer Setting characteristic configuration with 0x0001	[1] 4.8	O
6	Notify Ringer Setting characteristic	[1] 4.7	O
7	Ringer Control Point characteristic, write without response to 0x02	[1] 4.10	O
8	Read the Alert Status characteristic after connection setup	[1] 4.11	M
9	Verify Bond Status on Reconnection	[1] 5.2.3	C.1
10	Ringer Control Point characteristic, write without response to 0x01	[1] 4.9	O
11	Ringer Control Point characteristic, write without response to 0x03	[1] 4.9	O

C.1: Mandatory IF PASP 10/1 "Peripheral", otherwise Excluded.

2.5.3 GATT requirements – Phone Alert Status Client Role

Table 9: GATT Requirements – Phone Alert Status Client Role

Prerequisite: PASP 1/2 "Phone Alert Status Client"

Item	Capability	Reference	Status	Inter-Layer Dependency
1	GATT Client over LE	[1] 2.1	M	[3] GATT 1a/1
2	No longer used	N/A	N/A	N/A
3	Discover All Primary Services	[1] 7	C.1	[3] GATT 3/2
4	Discover Primary Services by Service UUID	[1] 7	C.1	[3] GATT 3/3
5	Discover All Characteristics of a Service	[1] 7	C.2	[3] GATT 3/5
5a	Discover Characteristics by UUID	[1] 7	C.2	[3] GATT 3/6
6	Discover All Characteristic Descriptors	[1] 7	M	[3] GATT 3/7
7	Read Characteristic Value	[1] 7	M	[3] GATT 3/8
8	Single Notification	[1] 7	M	[3] GATT 3/17
9	Write Characteristic Descriptors	[1] 7	M	[3] GATT 3/21
10	No longer used	N/A	N/A	N/A

C.1: Mandatory to support at least one.

C.2: Mandatory to support at least one.

2.5.4 GAP requirements – Phone Alert Status Client Role

Table 10: GAP Requirements – Phone Alert Status Client Role

Prerequisite: PASP 1/2 "Phone Alert Status Client"

Item	Capability	Reference	Status	Inter-Layer Dependency
1	Peripheral	[1] 2.4	M	[4] GAP 5/3 OR GAP 38/3
2	Central	[1] 2.4	O	[4] GAP 5/4 OR GAP 38/4
3	Bondable mode (Peripheral)	[1] 5.1.2	M	[4] GAP 24/2
4	Bondable mode (Central)	[1] 5.2.2	C.1	[4] GAP 34/2
5	LE security mode 1 (Peripheral)	[1] 6	M	[4] GAP 25/1
6	LE security mode 1 (Central)	[1] 6	C.1	[4] GAP 35/1
7	Limited discoverable mode (Peripheral)	[1] 5.1.1	M	[4] GAP 22/2
8	Unauthenticated Pairing (LE security mode 1 level 2) (Central)	[1] 6	C.1	[4] GAP 35/8
9	Unauthenticated Pairing (LE security mode 1 level 2) (Peripheral)	[1] 6	C.2	[4] GAP 25/8
10	Authenticated Pairing (LE security mode 1 level 3) (Central)	[1] 6	C.1	[4] GAP 35/7
11	Authenticated Pairing (LE security mode 1 level 3) (Peripheral)	[1] 6	C.2	[4] GAP 25/7

C.1: Mandatory IF PASP 10/2 "Central", otherwise not defined.

C.2: Mandatory to support at least one.

Table 11: No longer used

3 References

[1] Phone Alert Status Profile Specification, Version 1.0

[2] ICS Proforma for Phone Alert Status Service (PASS), PASS.ICS

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

[4] ICS Proforma for Generic Access Profile (GAP), GAP.ICS

4 Revision history and acknowledgments

Revision History

Publication Number	Revision Number	Date	Comments
0	1.0.0	2011-09-15	Adopted by the Bluetooth SIG Board of Directors
	1.0.1r0	2011-11-10	TSE 4554: Table 2, Table 5, Table 9, Table 10 to align to new BTI standards
1	1.0.1	2012-03-30	Prepare for publication.
	1.0.2r0	2012-05-20	TSE 4628: modify Table 8/2, 8/5, 8/7, add 8/10 and 8/11
2	1.0.2	2012-07-24	Prepare for publication.
	1.0.3r00	2016-08-16	TSE 7491: Added Table 0. Updated conditionals for Table 5, 8, 10, and 11. Updated References section.
3	1.0.3	2016-12-13	Approved by BTI. Prepared for TCRL 2016-2 publication.
	1.0.3 edition 2r00	2018-11-26	Editorial changes only. Template updated. Revision History and contributors moved to the end of the document.
	1.0.3 edition 2	2020-01-08	Updated copyright page and confidentiality markings to support new Documentation Marking Requirements, performed minor formatting updates, and accepted all tracked changes to prepare for edition 2 publication.
	p4r00–r01	2022-10-19 – 2022-11-07	TSE 20352 (rating 3): Updated to align with current ICS conventions/template. Removed Support columns and added an Inter-Layer Dependency column where appropriate. Updated the references list. Added a Publication Number column to the Revision History. Revised the document numbering convention, setting the last release publication of 1.0.3 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–r01	2025-07-10 – 2025-07-15	TSE 27357 (rating 1): Updated the Status for PASP 2/2 and added conditions C.2 and C.3.
	p4 edition 2	2025-08-05	Approved by BTI on 2025-08-05. Prepared for edition 2 publication.

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