

Volume Offset Control Service (VOCS)

Bluetooth® Implementation Conformance Statement (ICS) Proforma

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Contents

- 1 Identification of the implementation 4
 - 1.1 Implementation Under Test (IUT) identification 4
 - 1.2 Versions 5
 - 1.3 Transports 5
 - 1.4 Service requirements 5
 - 1.5 GATT requirements 5
 - 1.6 SDP requirements 6
- 2 References 7
- 3 Revision history and acknowledgments 8



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: X.Y Versions

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

Table 0a: X.Y.Z Versions

Item	Version	Reference	Status
1	VOCS v1.0.1	[3]	O

1.3 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.1

C.1: Mandatory to support at least one.

1.4 Service requirements

Table 2: Volume Offset Control Service

Item	Service	Reference	Status
1	Volume Offset State Characteristic	[1] 3.1	M
2	Audio Location Characteristic	[1] 3.2	M
3	Volume Offset Control Point	[1] 3.3	M
4	Audio Output Description Characteristic	[1] 3.4	M
5	Writeable Audio Location Characteristic	[1] 3.2	O
6	Notifiable Audio Location Characteristic	[1] 3.2	C.1
7	Writeable Audio Output Description Characteristic	[1] 3.4	O
8	Notifiable Audio Output Description Characteristic	[1] 3.4	C.2

C.1: Mandatory IF VOCS 2/5 “Writeable Audio Location Characteristic”, otherwise Optional.

C.2: Mandatory IF VOCS 2/7 “Writeable Audio Output Description Characteristic”, otherwise Optional.

1.5 GATT requirements

Table 3: GATT Requirements

Item	Feature	Reference	Status	Inter-Layer Dependency
1	Write Characteristic Value	[1] 1.4	M	[2] GATT 4/14
2	Notifications	[1] 1.4	M	[2] GATT 4/17
3	Read Characteristic Descriptors	[1] 1.4	M	[2] GATT 4/19



Item	Feature	Reference	Status	Inter-Layer Dependency
4	Write Characteristic Descriptors	[1] 1.4	M	[2] GATT 4/21
5	GATT Server over BR/EDR	[1] 1.4	C.1	[2] GATT 1a/4
6	GATT Server over LE	[1] 1.4	C.2	[2] GATT 1a/3

C.1: Mandatory IF VOCS 1/1 “Service supported over BR/EDR”, otherwise not defined.

C.2: Mandatory IF VOCS 1/2 “Service supported over LE”, otherwise not defined.

1.6 SDP requirements

Table 4: SDP Requirements

Prerequisite: VOCS 1/1 “Service supported over BR/EDR”

Item	Feature	Reference	Status
1	SDP record present for VOCS	[1] 4	M
2–4	No longer used	N/A	N/A

2 References

- [1] Volume Offset Control Service Specification, Version 1.0 or later
- [2] ICS Proforma for Generic Attribute Profile (GATT)
- [3] Volume Offset Control Service Specification, Version 1.0.1

3 Revision history and acknowledgments

Revision History

Publication Number	Revision Number	Date	Comments
0	p0	2020-12-22	Approved by BTI on 2020-11-29. VOCS v1.0 adopted by the BoD on 2020-12-15. Prepared for publication.
	p1r00	2023-08-16	TSE 23684 (rating 2): Removed SDP and GAP ICSs from the References section. Added 3/5 and 3/6 and associated conditionals C.1 and C.2. Updated Table 4 by removing the ILD column, revising the Feature description for 4/1, and deleting 4/2, 4/3, and 4/4. Editorials throughout to align the document with the latest ICS conventions.
1	p1	2024-07-01	Approved by BTI on 2024-04-21. Prepared for TCRL 2024-1 publication.
	p2r00	2024-08-15	TSE 25561 (rating 1): Per E16653, E19314, and E23882, added Table 0a to account for VOCS v1.0.1 as part of the .Z release. Updated the references list.
2	p2	2024-10-08	Approved by BTI on 2024-09-11. VOCS v1.0.1 adopted by the BoD on 2024-10-01. Prepared for TCRL 2024-2-addition publication.

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