Dimming Control NLC Profile (DICNLCP)

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

- **Revision:** DICNLCP.ICS.p1
- **Revision Date:** 2024-10-08
- **Prepared By:** Mesh Working Group
- **Published during TCRL:** TCRL.2024-2-addition

Contents

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	DICNLCP v1.0	[1]	M

Table 1: X.Y.Z Versions

Item	Version	Reference	Status
1	DICNLCP v1.0.1	[4]	O

1.3 Transports

Table 2: Transport Requirements

Item	Transport	Reference	Status
1	Profile supported over BR/EDR	[1] 2.6	C.1
2	Profile supported over LE	[1] 2.6	M

C.1: Excluded for this Profile.

1.4 Features

Table 3: Features

Table number reserved but not yet in use.

1.5 Mesh Model requirements

Table 4: Mesh Model Features

Item	Model	Reference	Status	Inter-Layer Dependency
1	Mesh Model Specification v1.1 or later	[1] 2.5	M	[3] MMDL 0d/1
2	Generic Level Client	[1] 3.5	M	[3] MMDL 3/2
3	Generic Delta Set Unacknowledged	[1] 3.5	C.1	[3] MMDL 5/5
4	Generic Move Set Unacknowledged	[1] 3.5	C.1	[3] MMDL 5/7

C.1: Mandatory to support at least one.

1.6 Mesh Protocol requirements

Table 5: Mesh Protocol Features

Item	Feature	Reference	Status	Inter-Layer Dependency
1	Node	[1] 3	M	[2] MESH 2/1
2	Advertising Bearer	[1] 3.2	M	[2] MESH 3/1
3	Relay Feature	[1] 3.3	M	[2] MESH 5/2
4	GATT Bearer	[1] 3.2	M	[2] MESH 3/2
5	PB-GATT Server	[1] 3.1	M	[2] MESH 4/2
6	Proxy Server	[1] 3.3	M	[2] MESH 12/1
7	Generic Attribute Profile (GATT) Server	[1] 3.2	M	[2] MESH 12/2
8	Mesh Provisioning Service	[1] 3.1	M	[2] MESH 13/1
9	Mesh Proxy Service	[1] 3.2	M	[2] MESH 13/2
10	Composition Data Page 2	[1] 2.1	M	[2] MESH 11/24

2 References

[1] Dimming Control NLC Profile Specification, Version 1.0 or later

[2] ICS Proforma for Mesh Protocol Specification (MESH)

[3] ICS Proforma for Mesh Model Specification (MMDL)

[4] Dimming Control NLC Profile Specification, Version 1.0.1

3 Revision history and acknowledgments

Revision History

Publication Number	Revision Number	Date	Comments
0	p0	2023-09-19	Approved by BTI on 2023-08-27. DICNLCP v1.0 adopted by the BoD on 2023-09-12. Prepared for initial publication.
	p1r00	2024-08-08	TSE 25600 (rating 1): Per E25065 and E24816, added new X.Y.Z version as part of the .Z release. Added a reference to Dimming Control NLC Profile Specification, Version 1.0.1.
1	p1	2024-10-08	Approved by BTI on 2024-08-28. DICNLCP v1.0.1 adopted by the BoD on 2024-10-01. Prepared for TCRL 2024-2-addition publication.

Acknowledgments

Name	Company
Bogdan Alexandru	Bluetooth SIG, Inc.