

# Occupancy Sensor NLC Profile (OCSNLC P)

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

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# 1 Identification of the implementation

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## 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	OCSNLCP v1.0	[1]	M

Table 1: X.Y.Z Versions

Item	Version	Reference	Status
1	OCSNLCP 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: Properties

Item	Feature	Reference	Status
1	Motion Sensing	[1] 3.5	C.1
2	People Counting	[1] 3.5	C.1
3	Presence Detection	[1] 3.5	C.1

C.1: Mandatory to support at least one.

## 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	Sensor Server	[1] 3.5	M	[3] MMDL 11/1
3	Sensor Setup Server	[1] 3.5	M	[3] MMDL 11/2

## 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

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- [1] Occupancy Sensor 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] Occupancy Sensor 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. OCSNLCP v1.0 adopted by the BoD on 2023-09-12. Prepared for initial publication.
	p1r00	2024-02-06 – 2024-02-22	TSE 24328 (rating 2): Updated the title and conditional C.1 for Table 3.
1	p1	2024-07-01	Approved by BTI on 2024-04-18. Prepared for TCRL 2024-1 publication.
	p2r00	2024-08-08	TSE 25602 (rating 1): Per E24818 and E25067, added Table 1 to account for OCSNLCP v1.0.1 as part of the .Z release. Updated the references list.
2	p2	2024-10-08	Approved by BTI on 2024-08-28. OCSNLCP v1.0.1 adopted by the BoD on 2024-10-01. Prepared for TCRL 2024-2-addition publication.

#### Acknowledgments

Name	Company
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