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**Group Specification**

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Wireless Consensus Network Composition and Organization

<

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# Executive summary

# Introduction

This document defines the services of Permissioned Distributed Ledger (PDL) platform, which enable wireless distributed consensus for reliable industrial connected autonomous systems. The document also outlines the composition of wireless consensus nodes and their organizations. Furthermore, it defines a series of consensus patterns and steps to improve reliability and enable fault tolerance.

# 1 Scope

The present document defines the services of Permissioned Distributed Ledger (PDL) platform, which enable wireless distributed consensus for reliable industrial connected autonomous systems. The document also outlines the composition of wireless consensus nodes and their organizations. Furthermore, it defines a series of consensus patterns and steps to improve reliability and enable fault tolerance.

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## 3.1 Terms

For the purposes of the present document, the [following] terms [given in ... and the following] apply:

## 3.2 Symbols

For the purposes of the present document, the [following] symbols [given in ... and the following] apply:

## 3.3 Abbreviations

For the purposes of the present document, the [following] abbreviations [given in ... and the following] apply:

# 4 Overview of Wireless Consensus Networks

## 4.1 Introduction

## 4.2 WCN Overall Framework

## 4.3 WCN Applications

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# 5 WCN Composition Specifications

## 5.1 General Composition Requirements

## 5.2 Hardware Specifications

### 5.2.1 Computational Hardware

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## 5.4 Reliability

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## 6.2 Group Management Specifications

### 6.2.1 State Description

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### 6.3.6 Time Synchronization Interface

### 6.3.7 Data Transfer Interface

# 7 Conclusion and Recommendation

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