**3GPP TSG-CT WG1 Meeting #141eC1-232553**

**Online 17– 21 April 2023**

**Source: vivo**

**Title: Scope of PINAPP**

**Spec: 3GPP TS 24.583 v0.0.0**

**Agenda item: 18.2.26**

**Document for: Agreement**

**1. Reason for Change**

The scope of PINAPP is missing. The terms, reference, and the abbreviations are updated correspondingly as well.

**2. Proposal**

It is proposed to agree the following changes to 3GPP TS 24.583 v0.0.0.

\* \* \* First Change \* \* \* \*

# 1 Scope

The present document specifies the protocols and the associated procedures for application layer support for Personal IoT Network (PINAPP) as specified in 3GPP TS 23.542 [2] for:

a) PIN application communication among PIN peers (over the PIN-2, PIN-3, and PIN-4 interfaces); and

b) PIN application communication between the PIN peer and the PIN server (over the PIN-6, PIN-7, and PIN-10 interfaces).

The present specification also defines the message format, message contents, error handling and system parameters applied by the protocols for PINAPP.

\* \* \* Next Change \* \* \* \*

# 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non‑specific.

- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".

[2] 3GPP TS 23.542: "Application layer support for Personal IoT Network".

[3] 3GPP TS 22.261: "Service requirements for the 5G system".

\* \* \* Next Change \* \* \* \*

## 3.1 Terms

For the purposes of the present document, the terms given in TR 21.905 [1] and the following apply. A term defined in the present document takes precedence over the definition of the same term, if any, in TR 21.905 [1].

**PIN application enabler server**: An entity that provides the server side functionalities corresponding to the PIN application enabler layer.

**PIN element application enabler client**: An entity that provides the client side functionalities corresponding to the PIN application enabler layer.

**PIN gateway application enabler client**: An entity that provides the client side functionalities corresponding to the PIN application enabler layer.

**PIN management application enabler client**: An entity that provides the client side functionalities corresponding to the PIN application enabler layer.

**PIN peer:** The appellative of the element in the PIN, which can be a PINE, a PEGC, or a PEMC.

For the purposes of the present document, the following terms given in 3GPP TS 22.261 [3] apply:

**Personal IoT Network**

**PIN Element**

**PIN Element with Gateway Capability**

**PIN Element with Management Capability**

\* \* \* Next Change \* \* \* \*

## 3.3 Abbreviations

For the purposes of the present document, the abbreviations given in TR 21.905 [1] and the following apply. An abbreviation defined in the present document takes precedence over the definition of the same abbreviation, if any, in TR 21.905 [1].

PAE-S PIN Application Enabler Server

PEMC PIN Element with Management Capability

PEAE-C PIN Element Application Enabler Client

PEGC PIN Element with Gateway Capability

PGAE-C PIN Gateway Application Enabler Client

PIN Personal IoT Network

PINAPP Application layer support for Personal IoT Network

PINE PIN Element

PMAE-C PIN Management Application Enabler Client

\* \* \* End of Changes \* \* \* \*