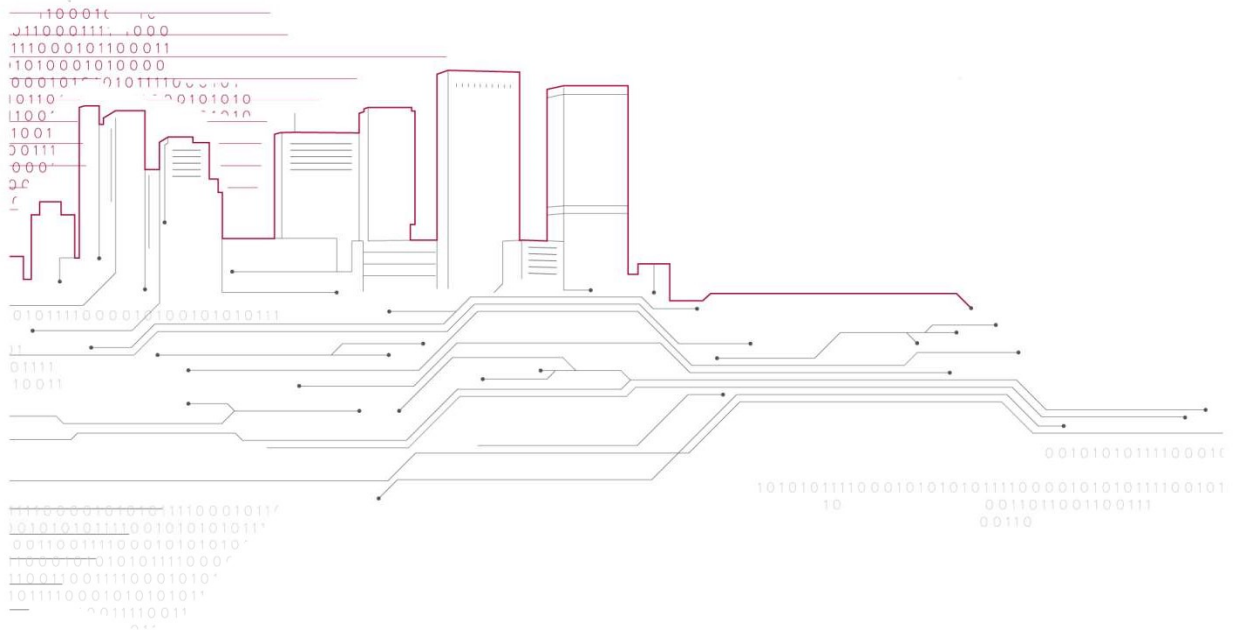


Structure of the aggregated level unique identifier

Date: 2019-04-17

Version: 0.1



1 Changelog

Version	Date	Description
0.1	2019-04-17	Initial creation

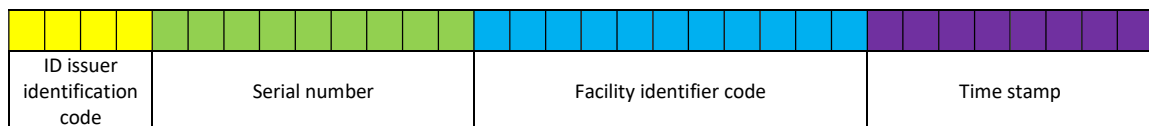
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3 Structure of the aggregated level unique identifier

3.1 Assumptions

1. Aggregated level unique identifier aUI created by the issuer (defined in UE implementing regulation 2018/574 Article 11 p. 1 a),b) and c)) will consist of the 3 elements described in the regulation:
 - a. ID issuer identification code (**4 characters**)
 - b. Serial number (**9 characters**)
 - c. Facility identifier code (length depends on the ID issuer issuing the code, for PWPW it is **11 characters**)



The aUI identifier generated by PWPW for facility identifiers issued by the PWPW (without time stamp) will be 24 characters long.

Aggregated level unique identifier completed by economic operators with 8 characters of time stamp will be 32 characters long (without additional information completed by the economic operator).

3.2 ID issuer identification code

The unique identification code of the ID issuer in accordance with the Regulation must meet the conditions of the standard ISO/IEC 15459-2:2015.

PWPW received a 3-character IAC code from the AIM organization with the value of 'KPL'. On this basis, the full code of the ID issuer supplemented with its own one-digit CIN code will have the value 'KPL1'.

3.3 Encoding of the serial number

The regulation allows coding using the invariant set of characters contained in the ISO 646: 1991 standard. According to this standard, the number of characters available without control characters is 95.

To encode a "**Serial number**" the number of available characters is limited to 59. In this field there are only numbers and uppercase and lowercase letters without national characters. Also, values with a similar graphic representation were removed which would be difficult to distinguish (O (ASCII 0x4F), I (ASCII 0x6C), and l (ASCII 0x49)). The set of values used to encode the serial number is: "0123456789abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNPQRSTUVWXYZ".

Encoding of the serial number for aUI has the same specification as the encoding of the serial number for upUI. Serial numbers for both UI are generated from the same pool which ensures the global uniqueness of the serial number, regardless of whether it belongs to aUI or upUI.

3.4 Facility identifier code

Facility identifier code shall conform to the specifications of the particular ID ISSUER issuing identifier codes for facilities.

The specification of the facility identifier codes issued by PWPW is described in the document "04 Structure of the identifier codes".