Minutes NIPWG 8th dedicated S-128 VTC

Held 4th April 2024

**Discussion:**

**Draft S-128 v2.0:**HyunSoo provided notice that Seonghee Park will be taking over developed of S-128 from HyunSoo.
Seonghee provided a presentation on draft S-128 v2.0.

Comments have been received and some have been incorporated into V2.0. Other comments which were difficult to implement were brought up for discussion. These concerned the attributes: ‘purpose’, ‘ProductMapping’, ‘productReference’, ‘typeOfTimeIntervalUnit’.

Discussion about ‘purpose’ attribute resulted in proposal to remove this attribute as no specific use case established in S-128 for this attribute. Decided that there was nothing relating to ‘up-to-dateness’ that could not be established without using this attribute. Comments against removal were asked to be submitted by 5th April.

Complexity of ProductMapping discussed but no alternative proposed. Discussion about whether this could be used for two different scenarios: product equivalence (e.g. S-57 to S-101 and ‘related’ products, e.g. S-101 to S-102. Noted that DSEG needed to cover both the scenarios. Discussion whether a two-way relationship was possible and it appeared that it was not. Decision made to do further investigation and test these scenarios. Volunteer requested to create sample test datasets to test how it could be used to support scenarios. Stefan Engstrom volunteered.

The type (‘text’) for productReference attribute discussed: whether this should be text or a reference to another product in the catalogue.

The typeOfTimeIntervalUnit ‘time’ value discussed as it was felt that it was unclear what this meant, whether it was days, hours or minutes. Decision was made to change this value to ‘hour’ to make this clearer. Agreed that ‘week’ value was not needed as days=7 could be used instead of week. Agreed that DSEG should provide guidance on how these should be used. Discussion about how this would work in practise resulted in Jens Soe volunteering to test ‘timeIntervalOfCycyle’ to see if it supports hourly services.

Amendments to data model are required based on the changes agreed.

**S-128 Ed 1.2.0 Registry Definitions:**

Discussion about missing registry definitions and agreed that further meeting to be arranged to review and finalise the outstanding definitions. Meeting arranged for next day.

**XML Schema:**

Waiting for Stefan to do some last checks on schemas before releasing for full task group review. These will be released for review soon and group will have around 4 weeks review time.

**Next meeting:**

Next meting to be called when the next lot of review comments have been done.

**Actions:**

The actions from the S-128 meeting:

Action 1: Stefan Engstrom volunteered to create sample test datasets to test the ProductMapping Information Type for 2 scenarios:

* Mapping S-100 products to equivalents, e.g. S-101 to S-57
* Mapping S-100 ‘related’ products, e.g. S-101 and the related S-102, etc

Action 2: Amendments discussed and agreed to be made to the data model, e.g. removal of ‘purpose’.  Any comments against this removal to be submitted by COP Friday 5th April

Action 3: The ‘time’ value in typeOfTimeIntervalUnit enumeration to be changed to ‘hour’.

Action 4: DCEG to be updated with guidance re: how typeOfTimeIntervalUnit ‘should’ be used, e.g. encoding 2 days as days not 48 hours.  Action not given to anyone.

Action 5: Eivind to arrange meeting to review Registry Definitions.

Action 6: Jens Soe volunteered to test ‘timeIntervalOfCycyle’ specifically with regards to the ‘hour’ typeOfTimeIntervalUnit, so test if this correctly described hourly services.

Action 7: S100\_DigitalSignature value ‘DSA’ to be changed to ‘ECDSA-384-SHA2’