

DRAFT Proposal

TypMaster DD Enhancements for DETA

to

OICA
International Organization of Motor Vehicle Manufacturers
4, rue de Berri
75008 Paris
FRANCE



2.2 Solution

2.2.1 Unique Identifier

A Unique Identifier (UI) entity will be introduced into the system.

Each UI will be represented by a number that is unique in the system. This numbering shall start at 1 and there will be no leading zeroes.

A UI can only be created in connection with one or more type approvals:

- For each new type approval (document) created in DETA, a UI will be created automatically
- A UI can be created for a single type approval that does not yet have a connected UI
- A UI can be created for a combination of type approvals in DETA

The Unique Identifier will have the following attributes:

- Unique Identifier number
- Description
- Creating approval authority
- Creation Date
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As a UI can refer to a single type approval or to a combination of approvals and an approval can be related to several UIs, there will be an n:m relation between UIs and type approvals (documents).

2.2.2 Reporting

Some Reports will be available:

- List of UI's generated by an authority.
- List of UI's generated for a manufacturer
- List of UI's for multiple approvals with the approval-Numbers included



2.2.3 Clarification

- A UI will be generated automatically for each new type approval uploaded to DETA by a Contracting Party.
- A combined UI is created on application of a Contracting Party having issued one of the type approvals for a product.
- Approvals from different approval authorities can be combined into one UI
- One approval can be assigned to different UIs
The software will not check whether a UI has already been created by another approval authority. (“For each separate product a manufacturer shall apply for a UI at only one approval authority.”)
- Different products may have the same UI only if the differences of the products are not certification relevant with respect to the approvals assigned to this UI.
This is a matter of correct use of the system by the authorities uploading type approvals. The DETA system cannot check this condition.
- An extension of an existing approval due to a new series of amendments of the regulation will not automatically require a new UI if the product can already fulfil the extended legal requirements without modification. (In such a case the extended approval shares the UI of the existing regulation.)

2.2.4 Use Cases

- Create Unique Identifier for a new type approval (automatically)
When a new type approval is created in DETA by an approval authority, a UI is created automatically and is assigned to the type approval document
- Create an extension of an existing type approval (manually)
Using a new functionality “Create extension”, an extension of an existing type approval can be created. This is the same as copying a type approval but with an additional check box where the user must decide whether to create a new UI for the extension or to keep the UIs of the original type approval. In case the type approval has no UI always a new UI is created.



- Create Unique Identifier for an existing type approval where no UI exists yet (manually)
Using a new functionality “Create UI”, a new UI can be created for a single selected type approval if no UI is assigned to the type approval yet. (This will only be the case for type approval documents created in DETA before this extension has been installed.)
- Create Unique Identifier for a combination of type approvals (manually)
Using a new functionality “Create UI”, a new UI can be created for a selected combination of type approvals if no UI is assigned to this combination of type approvals yet.
- Show UIs for type approvals – as attributes in the table of documents
The UIs for type approvals are shown in the table of documents in DETA like other attributes of a type approval document.
- Search type approvals for a given UI – integrated in the DETA tab
In addition to the other searchable attributes, a search field for UIs will be added to the DETA tab user interface.

2.2.5 Access Permissions

As the UIs that are assigned to a type approval document are shown in the document table like other attributes, no special access permissions are necessary. Instead, the access permissions of the documents apply:

- CPs (TAAs) – read access for all
- Manufacturers – Only Approval holders

If additional access permissions are granted on a document, these will apply on the visibility of the UIs too.

2.2.6 Decisions

(Source: DETA-35-03e)

1. When a UI number needs to be ‘reserved’ by the approval authority (prior to type approval e.g. in case when a manufacturer needs to prepare the marking in the moulding) all mandatory attributes need to be entered. As this is prior to issuing the type approval the approval state and approval date are not fixed. It was decided that for this reason DETA will include the new value “reserved” for the attribute ‘Approval State’. The value entered in the attribute ‘Approval Date’ should be a future date. This will be explained in the DETA manual. (Document DETA-32-04e is the latest overview of the attributes in DETA).
2. A new UI is automatically generated upon uploading a new type approval. For extensions to existing approvals a new UI is required in case of a new series of amendments of a regulation and a modification of the product to make the product comply with that new series (item 6 versus item 5 of the Annex of doc. DETA-34-10-rev1). As this cannot be distinguished by DETA, the approval authority shall indicate that a new UI needs to be generated.



The manufacturer shall also inform the authority during the application process.

→ no automatic UI-Generation for approval-extensions

3. DETA will also not restraint the visibility of UI numbers allocated to approvals for regulations where the approval marking may not be replaced by a UI (e.g. R0, R22, R44).
4. The group confirmed the use case of retrieving from DETA all the UI's allocated to a single type approval. This may be necessary for tracing products, e.g. in case of market surveillance or recall issues. A new 'search field' will be added.
5. Where a UI is 'reserved' and finally not used, it was decided not to delete this information in DETA. This is for verification purpose for the authorities in case a manufacturer used the reserved UI where no type approval was issued.

2.2.7 Additional archive attributes

- Archive attributes are defined as listed in DETA-27-04e - DETA attributes.xlsx
- The system will be extended to allow the use of entities other than User as archive attributes. This is necessary for the UI entity.

2.3 Service Delimitation

The enhancements for the next steps of DETA are not subject of the proposal.

Especially the following features are not included:

- Upload and assign VINs to the corresponding approval
- Declaration of Conformance (DOC)
- Import Documents/ Approvals and iWVTA
- Migration of existing approvals in DETA and generating an UI for them.

2.4 Exclusions

1. The software will not check whether a UI has been granted already by another approval authority. ("For each separate product a manufacturer shall apply for a UI at only one approval authority.")
2. Guidelines and work instructions are not part of the software and have to be defined and to be provided by the UNECE or other participants. In order to be flexible the guidelines are not implemented in the software; for example for some regulations it is not allowed to use the UI as a marking on the product instead of the approvals.



2.5 Risks

Prior to preparing this Proposal, the Contractor had identified the following risks in implementing the services:

Third party cooperation necessary:

- KBA has to install and operate the extended software

