TYPMASTER @ DETA

Paris.
November 8th, 2016
AGENDA

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>TypMaster@DETA – Possible steps of implementation</td>
</tr>
<tr>
<td>02</td>
<td>Functionalities of enhancements</td>
</tr>
<tr>
<td>03</td>
<td>Costs</td>
</tr>
<tr>
<td>04</td>
<td>Open questions</td>
</tr>
<tr>
<td>05</td>
<td>Next steps</td>
</tr>
</tbody>
</table>
Possible steps in two dimensions.

**TypMaster/DD**

- **“As It Is”**
  - Current TypMaster/DD functionality

- **Enhancements #1**
  - Enhancements of UI

- **Enhancements #2**
  - Enhancements of IWVTA and DoC
TYPMASTER @ DETA.
POSSIBLE STEPS IN TWO DIMENSIONS.

Operation Mode

INTERIM (3 MONTHS)

TYPMASTER/DD “AS IT IS”
Current TypMaster/DD functionality

TYPMASTER/DD ENHANCEMENTS #1
+ Enhancements of UI

TYPMASTER/DD ENHANCEMENTS #2
+ Enhancements of IWVTA and DoC
### Functionalities

<table>
<thead>
<tr>
<th>Functionalities</th>
<th>User</th>
<th>Role</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>constraint: current TypMaster release</td>
<td>by approval authorities</td>
<td>user</td>
<td>CP's applying min. ?? ECE Regs</td>
</tr>
<tr>
<td>up-/downloading of approval documents</td>
<td>by type approval holder (mnf’s)</td>
<td>by administrator</td>
<td>KBA/UNECE</td>
</tr>
<tr>
<td>manage acces rights</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>mandatory attributes in current release is sufficient</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### TYPMASTER/DD “AS IT IS”
Current TypMaster/DD functionality

### TYPMASTER/DD ENHANCEMENTS #1
+ Enhancements of UI

### TYPMASTER/DD ENHANCEMENTS #2
+ Enhancements of IWVTA and DoC
# TYPMASTER @ DETA.
## FUNCTIONALITIES ENHANCEMENTS #1.

### Functionalities

<table>
<thead>
<tr>
<th>Introduction of UI:</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Migration of already uploaded approval docs (for step 0 docs: use ID as UI)</td>
</tr>
<tr>
<td>- Manage UI's</td>
</tr>
<tr>
<td>- Link new UI to set of type approvals/UI's (new template?/user interface?)</td>
</tr>
<tr>
<td>- Search function by UI:</td>
</tr>
<tr>
<td>- New attributes</td>
</tr>
<tr>
<td>Manage list of mnf's</td>
</tr>
</tbody>
</table>

### User

- Administrator
- Type approval authority
- Tool administrator
- CP's, access to type approvals
- Open to public, to type approval numbers only
- By administrator

### Role

- Database administrator
- Software house software house
- Type approval authority (on req. mnf)
- Tool administrator
- Tool administrator
- Tool administrator

### Responsibility

- Tool administrator
- Tool administrator
- Tool administrator

---

### TYPMASTER/DD

**“AS IT IS”**

Current TypMaster/DD functionality

### TYPMASTER/DD

**ENHANCEMENTS #1**

- + Enhancements of UI

### TYPMASTER/DD

**ENHANCEMENTS #2**

- + Enhancements of IWVTA and DoC

---

Functionality

TypMaster @ DETA

08.11.2016
### TypMaster/DD

#### "As It Is"
Current TypMaster/DD functionality

<table>
<thead>
<tr>
<th>Functionalities</th>
<th>User</th>
<th>Role</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduce IWVTA:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- add attribute: IWVTA class + IWVTA type</td>
<td>may be automatically generated from TA number?</td>
<td>software house software house</td>
<td></td>
</tr>
<tr>
<td>Introduce DoC:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Part 1: upload function for VIN's with appr.no; create the R0 Annex 6 App1 form:</td>
<td>by CP (based on input from mnf IWVTno+VIN)</td>
<td>manufacturers manufacturers</td>
<td></td>
</tr>
<tr>
<td>Part 2: creation function tbd based on use cases</td>
<td>investigate use cases</td>
<td>tbd (type approval authorities or mnf's) tbd (type approval authorities or mnf's)</td>
<td></td>
</tr>
<tr>
<td>Transfer access rights by type approval holders to other parties then authorities</td>
<td></td>
<td>type approval holder type approval holder</td>
<td></td>
</tr>
</tbody>
</table>

#### TypMaster/DD Enhancements #1
+ Enhancements of UI

#### TypMaster/DD Enhancements #2
- + Enhancements of IWVTA and DoC
TYPMASTER @ DETA.
POSSIBLE STEPS IN TWO DIMENSIONS.

INTERIM (3 MONTHS)

- Operations and administration by KBA
- TypMaster Test License
- No software maintenance
- No or restricted support by T-Systems
- Limited duration (3 months)
TYPMASTER @ DETA.
POSSIBLE STEPS IN TWO DIMENSIONS.

**Operation Mode**

**INTERIM (3 MONTHS)**
- Operations and administration by KBA
- TypMaster Test License
- No software maintenance
- No or restricted application support by T-Systems
- Limited duration

**PRODUCTIVE**
- Operations and administration by KBA/UN-ECE
- TypMaster Productive License
- Full software maintenance
- Full application support by T-Systems
- Unlimited duration
**TYPMASTER @ DETA.**

**T-SYSTEMS’ COSTS.**

---

**OPERATION MODE**

**One time**
- TypMaster Licence 30,000 EUR
- Transition KBA-> UN ECE: tbd

**Yearly (sop)**
- TypMaster SW Maint. 12,000 EUR
- Provider Support: 50,000 EUR

**Options on demand**
- Training: tbd

**INTERIM (3 MONTHS)**

**TYPMASTER/DD “AS IT IS”**
- Licenses: 0 EUR
- Setup: 10,000 EUR

**TYPMASTER/DD ENHANCEMENTS #1**
- 100,000 EUR

**TYPMASTER/DD ENHANCEMENTS #2**
- 200,000 EUR

---

**Functionality**

TYPMASTER @ DETA
08.11.2016

10
**TypMaster @ DETA.**

**Costs.**

- **Operation Mode**
  - **One time**
    - TypMaster Licence: 30,000 EUR
    - Setup (KBA-> UN ECE): x EUR
  - **Yearly**
    - TypMaster SW Maint.: 12,000 EUR
    - Application Support: 50,000 EUR

- **Options on demand:**
  - Training
  - Individual support of participants

** reflects

**TYPMASTER/DD  
“as IT is”**

- Licenses: 0 EUR
- Setup: 10,000 EUR

**TYPMASTER/DD  
Enhancements #1**

- 100,000 EUR

**TYPMASTER/DD  
Enhancements #2**

- 200,000 EUR

---

**Functionality**

**Funded by industry, TAAs or UN-ECE?**

**TypMaster @ DETA**

08.11.2016
Please refer to functionality Excel file.
## OPEN QUESTIONS.

| Contracting partners                      | ▪ Contractual relationship between parties?       |
|                                          | ▪ Who will be contractor of T-Systems?           |
| Operations                               | ▪ Who will be responsible organisation for       |
|                                          | operations/service providing (KBA, UN-ECE,       |
|                                          | T-Systems)?                                     |
| Participants                             | ▪ Who will be the participants of the common     |
|                                          | platform?                                       |
| Next steps                               | ▪ Which steps are needed to come to a            |
|                                          | common agreed solution?                         |
FURTHER QUESTIONS?
THANK YOU!
BACKUP
TYPMASTER @ DETA.
IDEA.

Usage
- Worldwide platform for type approval document exchange (DETA solution)
  - Upload documents
  - Edit documents
  - Download documents
  - Exchange documents

Roles and Rights
- Each country has its own tenant
- Within a tenant there are different roles
- Each role has a set of system rights assigned

Security
- Secure exchange and access to type approval documents worldwide

Delivery Model
- Using TypMaster / DD as the exchange platform tool within the current functionality of release 3.1
DEUTSCHE TELEKOM & T-SYSTEMS
WE MAKE THE RIGHT CONNECTIONS

- More than 190 million customers
- Presence in around 50 countries worldwide
- No. 1 on German market (phone, mobile, IT)
- €60.1 billion revenue: more than 50% generated outside Germany
- 230,000 employees worldwide

WE RUN OUR BUSINESS RESPONSIBLY

- A leading player in terms of data protection and security
- A pioneer in environmental protection through the development of energy-efficient ICT solutions
- 9,100 trainees and co-operative education students in Germany

WE THINK AHEAD

- Telekom Innovation Laboratories / Digital Business Unit
- Intelligent network solutions for connected cars, healthcare and energy
- Internet services
- Mobile Internet
- Connected home
DEUTSCHE TELEKOM
PARTNER FOR CONNECTED LIFE AND WORK

T-MOBILE
- T-Mobile offers cell-phone solutions in the Netherlands, Austria, the Czech Republic, and the USA.

TELEKOM
- The Telekom subsidiaries provide products and services for the fixed network, mobile communications, IPTV, online and cloud services in Europe.

T-SYSTEMS
- T-Systems delivers ICT solutions for major corporations and public-sector organizations worldwide.
T-SYSTEMS – DEUTSCHE TELEKOM’S SUBSIDIARY FOR MAJOR CORPORATIONS
A GLOBAL PLAYER WITH GLOBAL RESOURCES

INTERNATIONAL PRESENCE
OFFICES IN OVER 20 COUNTRIES, GLOBAL DELIVERY CAPABILITY

FOCUS
LARGE CORPORATIONS, MULTI-NATIONAL COMPANIES, PUBLIC SECTOR AND HEALTHCARE ORGANIZATIONS

MARKET POSITION
NO. 1 ICT PROVIDER IN GERMANY
NO. 2 SYSTEMS INTEGRATION IN GERMANY
NO. 2 MANUFACTURING IN EMEA

REVENUE
€9.5 BILLION*

*2013 FIGURES

EMPLOYEES
APPROX. 50 000 (27 000 IN GERMANY, 23 000 OUTSIDE GERMANY)*

*2013 FIGURES