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| Title | : | Minutes of a meeting of WG 3, London, 2006-09-16 |
| Source | : | Mr. Jean-Laurent Franchineau, convenor of WG 3 |
| Date | : | 2006-09-22 |
| Status | : | For information |
| Work item | : | |
| Note | : | |

# TC 278 WG3 Meeting
# on the 14 September 2006

Presents: Mrs Bouree (FR), Mr Barták (CZ), Mr Franchineau (FR), Mr Slevin (UK), Mr Radermacher (GER), Mr Clendinning (SE), Mr Fromell (SE), Mr Venard (FR), Mr Nordenfelt (SE), Mr Ask (SE), Mr Knowles (UK),

The following experts were excused: Mr Franzen(SE), Mr Peussa (FIN), Mr Jessen (DK), Mr Eliassen (NOR), Mr Keller(GER),

Minute of CEN TC 278 WG3 in London on 14/09/2006

Version 1.0

# Current context



Minute of CEN TC 278 WG3 in London on 14/09/2006
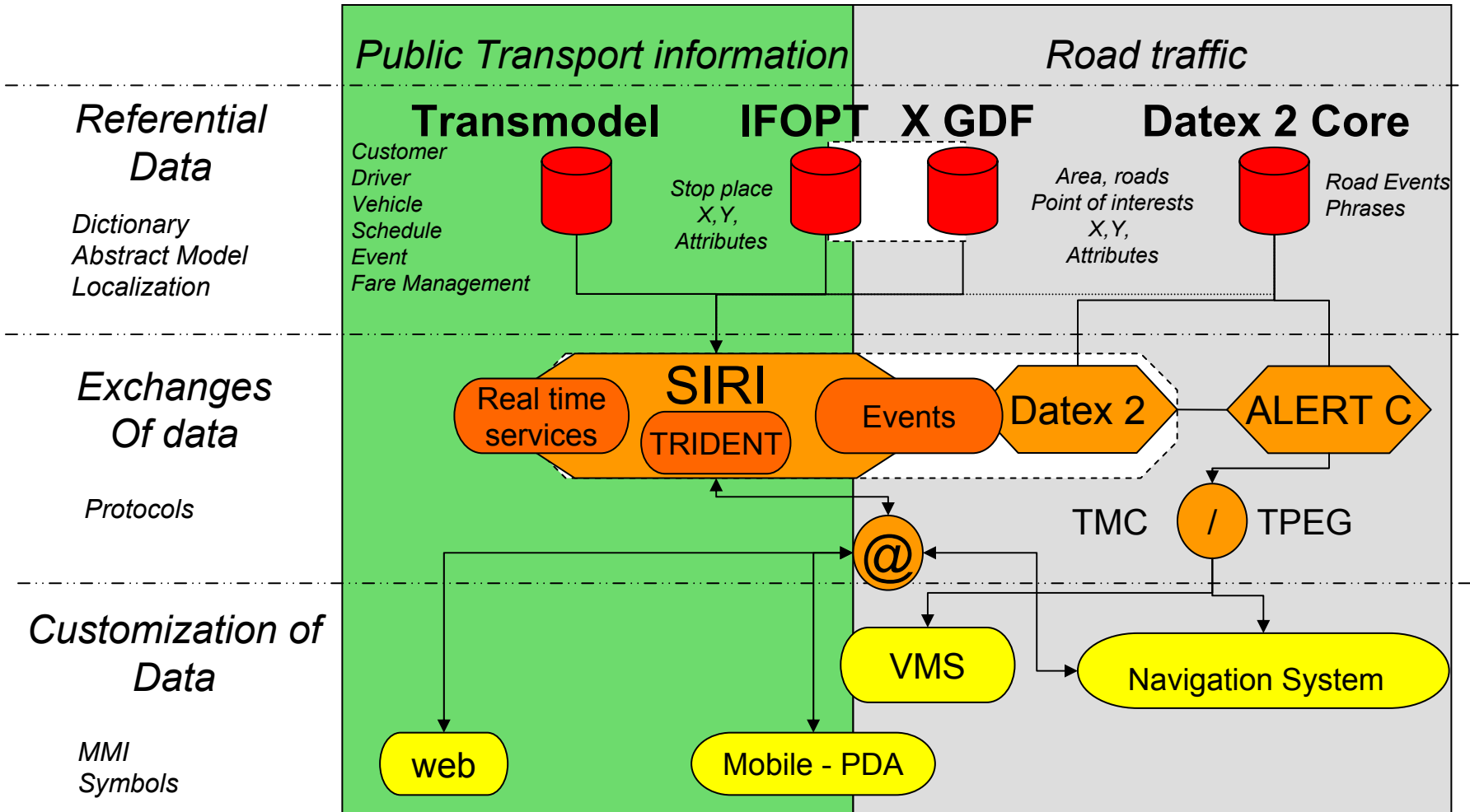
# TC 278 WG3: General items

- The minute of our last plenary meeting in Paris is accepted
- **Pr TS 13149-3** about Worldfip message content has been adopted by CEN since the 4th of august.

# ISO TC 204 WG8 meeting

***Decisions for the next ISO meeting in Cap Town (South Africa)***

•Transmodel need to be put at ISO level to face the TCIP requirements and protect European industries in SI for PT. All are positive, and we will consult what countries could provide additional resources. France and UK believe resources would be made available. Kasia BOUREE will prepare a presentation about general rules to be compliant with TRANSMODEL.

• Concerning SNSPTS, we consider we do not have resources for this work item. Already, we have made a detailed investigation on this item. IFOPT is the result.

• IFM-part1, we should have no problem to be voted positively at ISO level.

Minute of CEN TC 278 WG3 in London on 14/09/2006
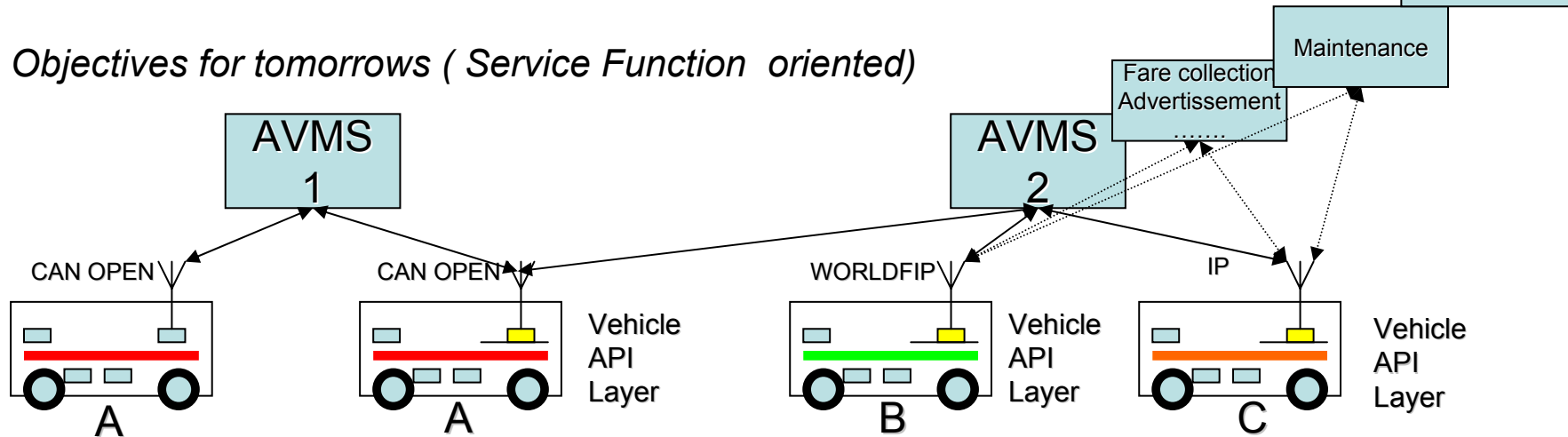
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# TC 278 WG3 SG1:VAPI

**_Context_**_:_

- _Current situation ( Data set oriented)_
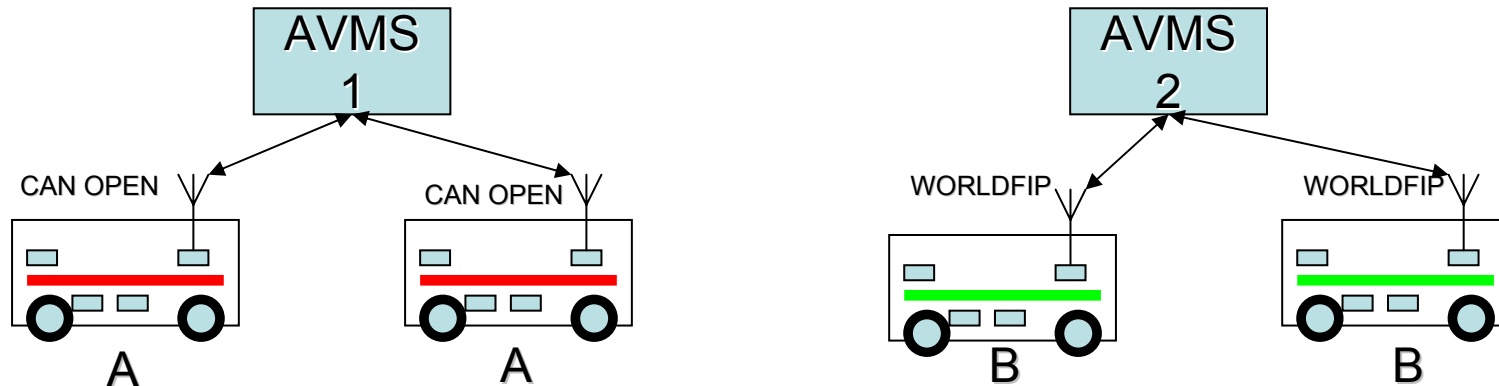


- _Objectives for tomorrows ( Service Function  oriented)_



Minute of CEN TC 278 WG3 in London on 14/09/2006

Version 1.0

# TC 278 WG3 SG1:VAPI

**_Swedish approach_**:

• _Create a kind of administration umbrella at the system level under which some specific protocols could be applied like CAN OPEN, WORLDFIP, and IP services or specific devices. It gives us some management rules for your system. Functional approach. Comments from Germany, a minimum dataset elements must be clarified when it does not exist._

13149 - 7

| Fleet Level Perspective |
| Vehicle Perspective / Hardware Network Administrator / Distributed Autonomy |
| Data Object Model |

API Layer

| Virtual device profiles | Message Content EN 13149-6 | Message Content EN 13149-3 | Message Content |
| Application Layer | | | |
| Presentation Layer | | | |
| Session Layer | CANopen General Application Rule EN 13149-4 | WORLDFIP General Application Rule EN 13149-1 | IP over Industrial Ethernet General Application Rule |
| Transport Layer | | | |
| Network Layer | | | |
| Data Link Layer | | | |
| Physical Layer | Cabling Specification EN 13149-5 | Cabling Specification EN 13149-2 | Industrial Ethernet Cabling |

Device Perspective

_Dataset_          _Protocols_
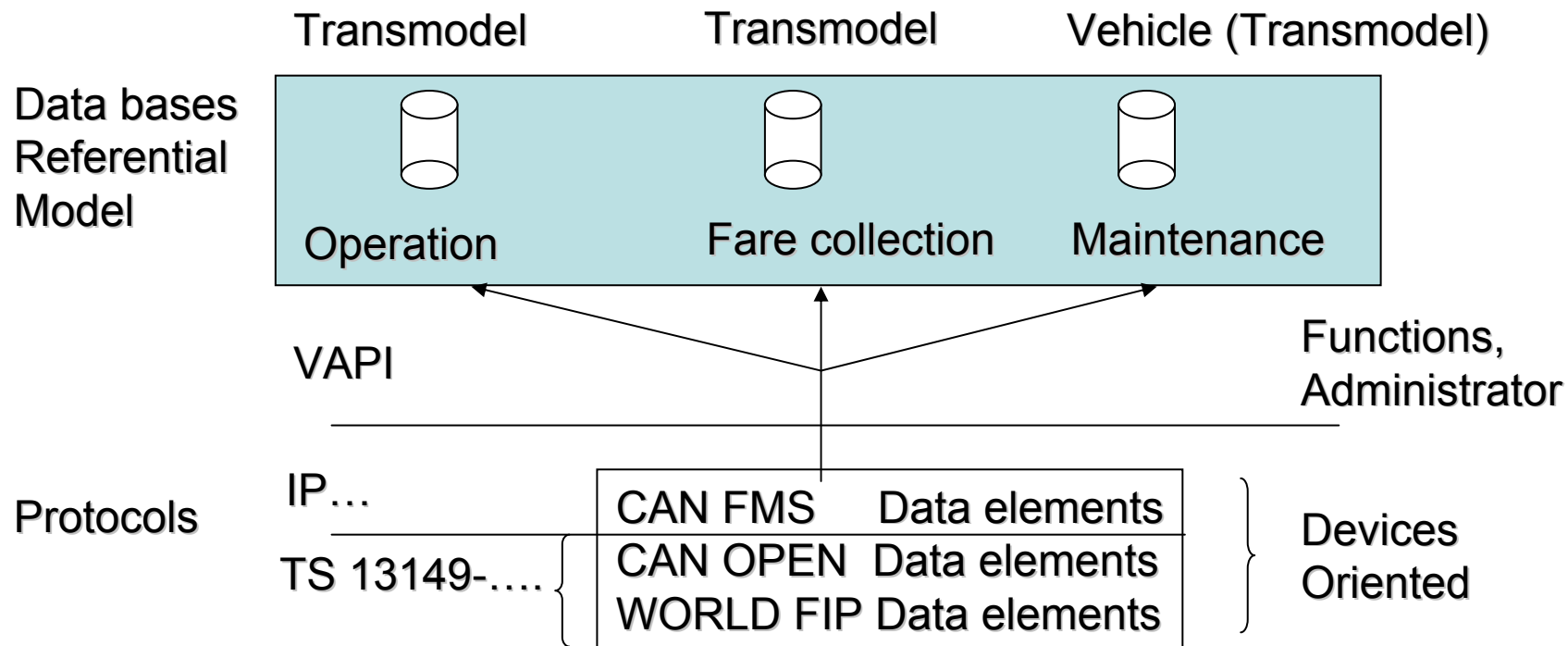
Fms messages

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# TC 278 WG3 SG1:VAPI

- Functions of VT Network Administrator and Gateway
  - ➢ Network administrator
    1. Service /capability register – Device roster
    2. Power management
    3. Vehicle level data management
       - Multiple source ranking
       - Broadcasting/Subscription
    4. Version control
  - ➢ Gateway
    1. Single communication portal
    2. Routing / device Roster
    3. Vehicle avaibility

  Swedish must to refine their proposal following what we discussed today.
  Contacts must be initiated with germany, and uk(RTIG) on this subject.

Minute of CEN TC 278 WG3 in London on 14/09/2006

# TC 278 WG3 SG1: German contribution

- To collect existing data in CAN OPEN, WORLDFIP and FMS
- To Study the Compliance between TRANSMODEL dictionary and

  (CAN OPEN or WORLDFIP) data elements from vehicle .

| | Transmodel | Transmodel | Vehicle (Transmodel) |
|---|---|---|---|
| Data bases Referential Model | Operation | Fare collection | Maintenance |

VAPI

Functions, Administrator

Protocols    IP…

| CAN FMS | Data elements |
|---|---|
| CAN OPEN | Data elements |
| WORLD FIP | Data elements |

TS 13149-….

Devices Oriented

Minute of CEN TC 278 WG3 in London on 14/09/2006

# TC 278 WG3 SG1: Scope

- Berthold Radermacher sees no objections to include the German proposal inside the Swedish proposal for the scope.

- New Date for circulation of the scope ( Mi-October) + List of experts belonging to standardization for countries (Fr, UK, SE, Nor, DK, It) and having a quite good knowledge of on-board equipments and AVMS.

Minute of CEN TC 278 WG3 in London on 14/09/2006

# TC 278 WG3 SG3: Report

- Traveler's information intended for Visual Impaired People ( to limited title)

- We consider we have no scope today or clear justification. The scope must be rewritten. *We are systems oriented rather than devices oriented (Top –down approach)*

  *=> Modelling*

  *=> Interface between back-office traveler information system and device?*

- Objectives for the scope:
  - Handle several Devices
  - Transmodel data oriented
  - Language independent

Minute of CEN TC 278 WG3 in London on 14/09/2006

# TC 278 WG3 SG3: Report

- Two main aspects in standardization:
  - Minimum set of information to be delivered to the end-user to help him efficiently independently of the media he uses
    => classification of current information data.
  - Rules for delivery information (presentation), depending of the media.
    => Suscription model , download data format.
- !!! Cautious XML focus !!!
- Team of experts: Fr, CZ, FIN (Mr.Peussa), SE?,UK?
- Mr VENARD will organize a meeting by the beginning of november in Prague.
- Next sub-group meeting:

Minute of CEN TC 278 WG3 in London on 14/09/2006

# TC 278 WG3 SG4: Report

- Resolution from the TC 278 to be authorized of official coordination action between sub-group WG3 activities , and with ISO around TRANSMODEL ( model + dictionary).

  It could the first step to reestablish TRANSMODEL users support team (TRUST) or TRANSMODEL Forum.

Minute of CEN TC 278 WG3 in London on 14/09/2006

# TC 278 WG3 SG5:Report

<u>IFMSA-Part 1</u>

Part 1 was distributed to CEN TC 278 secretary, and then it was sent to ISO level.

But ISO TC 204 secretary did not send out until now to FDIS balloting…..

<u>IFMSA-part 2</u>

The meeting in AMSTERDAM iniated the discussion on this subject. Discussions were between UK, FR, Ger, NL, Japan.

CEN Level – There is more technical aspects, harmonization, security, possible migration, interfaces. But, the discussions must take place first in IFM forum, before to standardize something which can not be used.

Do determine strategies for future standardization=> IFM Forum, with the support of an European Research Project (see IFM document which will be attached by JL FRANCHINEAU with the minute).

ISO Level – They expect a set of rules- It will be a report.

Minute of CEN TC 278 WG3 in London on 14/09/2006

Version 1.0

# TC 278 WG3 SG6:IFOPT

*The draft of part I is ready now to be transmitted before the 24th september to CEN TC 278 vote and to the parallel enquiry.*

*• Czech comments about the traffic light were taken into account and it was agreed that the scope can not be extended yet to the traffic signal to fit with the six months period to deliver a first draft to CEN. But, some extensions will take place in part II of IFOPT. Czech will provide their suggest changes by the 15th september and Roger will incorporate them inside the document.*

*• The IFOPT standard identifies the different types of stop numbers that are relevant and makes clear the issues that make it difficult to adopt a uniform global system The sub group SG6 identifies that addition of a country prefix is sufficient for practical purposes. Within each country different systems may be used. .*

*• Relations with the geographical system will be based on the TRANSMODEL place concept.*

*• The part II will have to deal with:*

> *•Information about parking facilities*

> *•Datex and TPEG messages covering road aspects*

> *•Traffic light,*

> *• Pedestrian interchange*

*• It will be valuable to have a joint workshop with experts from geographical standard group in order to understand the interfaces between respective standards (IFOPT-GDF).*

Minute of CEN TC 278 WG3 in London on 14/09/2006

Version 1.0

# TC 278 WG3 SG6:IFOPT

- We need rules and standards to match our IFOPT stop into the GDF representations ( export or import functions). There is an European project called emotion dealing with this subject. A joint meeting with Map manufacturer is required to explain to them our rules to navigate inside our network.

# TC 278 WG3 SG7:SIRI

*The vote result of the current SIRI version will be obtained soon.*

*The study done by Kasia BOUREE and Bruno BERT has finished its report. It assesses SIRI for compliance to TRANSMODEL. It investigates general methodologies for establishing compliances and makes recommendations for conducting future projects. The messages of SiRI are not conflicting with Transmodel.*

*Two new works items have been introduced:*

*• MRP- Facilities Monitoring Service ( this work item can be put forward at the TC level in Budapest. This document will be the part IV)*

*• Adding of new messages supporting Datex II and TPEG ( this work item will complete part V and it is not mature enough). It will be developed later in parallel to an European project.*

*No progress on Control Action WI and Connection Monitoring WI.*

*We have already two implementations underway of SIRI in France and UK.*

Minute of CEN TC 278 WG3 in London on 14/09/2006

Version 1.0

# UITP

- <u>Technical committee</u>
  - One of our next plenary CEN TC 278 WG3 meeting should be organized at UITP.

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# Next meeting dates

- CEN TC 278 WG3 on 7 -8 Déc 2006   in Köln – Germany
- CEN TC 278 WG3  on 13-14 March 2007 in Brussel at UITP -                              Belgium
- CEN TC 278 WG3 on 14-15 juin 2007 in Göteborg -SE

   The meeting starts at 14H00 the first day and finishs the day after
   at the beginning of the afternoon


- ISO Meeting in 2 and 6 october         in Cap Town –South Africa
- ISO Meeting in 23-27 April             in Kentucky -US

Minute of CEN TC 278 WG3 in London on 14/09/2006

Version 1.0