



MEETING NOTES
EGEA Working Group 10
Creation of a European Vehicle Test Equipment Network

08th July 2014 (8h30-17h00)
BOSCH Service Training Center

Robert-Bosch-Straße 4
D-73207 Plochingen

Participants:

AICA/Bosch	Marco Le Brun
AICA/Texa	Samuele Zoia
ASA/ASA-network	Peter Rehberg
ASA/Axonet	Martin Rothschink
ASA/Bosch	Ramon Amirpour
ASA/Maha	Antonio Multari
AVL DiTest	Martin Kammerhofer
GIEG/Capelec	Georges Petelet
GIEG/Actia	Tony Malaterre
GEA/Hella	Pete Bradley
RAI/TEN	Mark de Goede
GIEG/Actia	Yannick Le Guevellou

1. Opening and welcome

1.1. Election of a minute taker

Antonio Multari was elected to take the meeting minutes.

1.2. Approval of the agenda

The agenda was confirmed.

2. Approval of the minutes of the last Working Group 10 meeting held on 29th April in Brussels

With no further remarks, the minutes of the last WG10 meeting held on 29th April 2014 in Brussels were unanimously approved.

3. Review of the quotes from Actia and Axonet

3.1. Proposal 1 - AXONET based on the existing asanetwork

3.1.1. Mr. Rothschild gave a presentation (see "Presentation EGEA Net Proposal 1.pdf" attached) on the proposal (see "Proposal 1 EGEA Net based on asanetwork.pdf" attached).

3.1.2. Summary:

- Asanetwork started in 1996 with a new standard.
- The data formats have not changed since beginning.
- Results data uses XML since 2000.
- Results data definition is public available since 2006 and also used by i-Shop in the US.
- All newer versions are backward compatible.
- Asanetwork requires TCP/IP (Port 23232).
- Network manager runs only on Windows platform.
- No manual acceptance of clients (license required).
- Some data formats are fixed block size formats.
- Some requirements need additional work
- Plug'n Play
- Proven to be reliable (thousands of users)
- Tried and tested
- Wide platform and compiler support
- Excellent tooling support
- End user diagnostic tool
- Schedules: best case 14 weeks / worst case 19 weeks

3.2. Proposal 2 - AXONET Based on a new development

3.2.1. Mr. Rothschild gave a presentation (see "Presentation EGEA Net Proposal 2.pdf" attached) on the proposal (see "Proposal 2 EGEA Net based on vNext.pdf" attached).

3.2.2. Summary of "vNext":

- using Internet Technology based HTTP and RESTful and as data JSON
- JSON as an alternative to XML (both are human-readable)
- node.js runs on Windows and Linux
- 4 possible services (GET, PUT, POST, DELETE)
- Data definitions (XML, JSON). Data fields and types will be similar to asanetwork definitions
- Infrastructure: No file sharing. No data base replication.
- The new system will fulfill all EGEA requirements
- Modular solution is preferred. Easier to maintain.
- Plug'n Play
- Modern, up-to-date platform
- True cross-platform solution
- Migration from existing asanetwork systems possible by bridges
- Schedules: best case 42 weeks / worst case 56 weeks plus time for the client development is roughly 1.5 years

3.3. Proposal 3 - ACTIA based on a solution that is implemented in the VIMS (Vehicle Inspection Management System)

3.3.1. Mr. Le Guevillou gave a presentation (to be distributed when available) on the proposal (see "EGEA-EGEA NET v1.2 (US).PDF" attached).

3.3.2. Summary:

- ACTIA developed two years ago the new VIMS
- Country by country have different requirements: the VIMS covers the information on data and units
- Flexibility of the solution is important
- Solution module based (more information in file "VIMS PACKAGING.PDF" to be distributed when available)
- Identification Token is used
- Data replication is used
- Architecture as example for Mule ESB, IBM TIBCO ESB
- OWX (Open Workshop eXchange) generic XML format used by 5 companies at present
- VIMS is able to send alerts if equipment has technical problems
- ENC Supervision: Monitors the activity and alerts within EGEA NET

- ENC Check
- VIMS is existing
- Implemented for PTI in 3 non-EU countries, + 1 implementation for garage equipment
- Schedules: one year but to agree on the final scope of the requirements
- ACTIA will give the rights, source code and solutions as shown on page 21 red circled

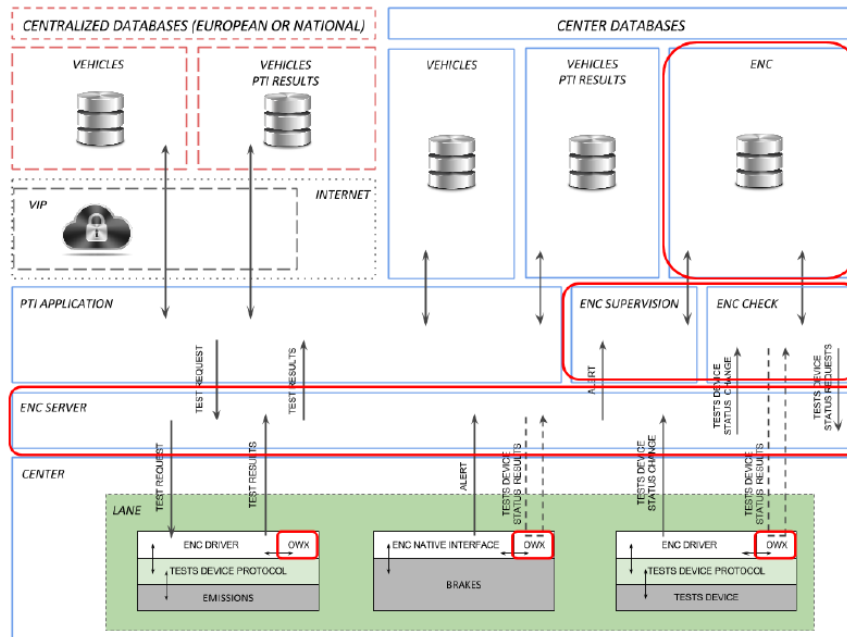


Figure 4: EGEA NET Core Components & TOOLS subjects of our offer

3.4. ENC Evaluation of the 3 proposal were done by the group of experts

- 3.4.1. All the solutions will be neutral, open and non-discriminatory.
- 3.4.2. The attached spreadsheet ("ENC evaluations.xlsx") collects the results of the brainstorming session. Further inputs and comments are welcome.

4. ENC Requirement Specification and Statement of work

4.1. ENC Requirement Specification *(no change requests were submitted since last meeting)*.

- 4.1.1. ENC requirement document will not be modified to include bridge solutions for existing systems. The responsibility lies with the equipment manufactures.
- 4.1.2. After a discussion on the exchange of live data the team decided to keep the requirements unchanged. The ACTIA proposal (2.4.2 EXCHANGE LIVE DATA on page 18) was modified accordingly to allow two types of communication: direct and via the ENC.

4.2. Review and refinement of draft Statement of Work.

- 4.2.1. No amendments.

4.3. Business model: common shared ENC or not?

- 4.3.1. Postponed to the next WG 10 meeting.

5. WG10 budget plan and schedule

- 5.1. Mr Le Brun presented at EGEA's last board meeting the WG10 budget plan and schedule. See "WG10 activity report- EGEA GA 2014.05.pdf" attached.

6. Liaisons

6.1. Update on UNISYS

- 6.1.1. No updates

6.2. Update on EUCARIS

- 6.2.1. Meeting at Brussels on 24th of July 2014 in parallel to the WG2 meeting.

6.3. Update on CITA WG5

6.3.1. No updates

7. Tabled issues

- 7.1. establish how to switch to this new solution from the existing ones - Postponed to the next WG 10 meeting.
- 7.2. decide if a new system should be developed, or the new network will come up from an existing solution - Postponed to the next WG 10 meeting.
- 7.3. Certification strategy, EGEA role and responsibilities - Postponed to the next WG 10 meeting.

8. Any other business

- 8.1. ACTIA will send commercial proposal by 11th July 2014 to EGEA (when available, it will distributed together with the commercial proposals from Axonet).
- 8.2. WG10 need to prepare a decision paper for EGEA's next board meeting for 22nd/ 23rd October 2014.

9. Date and place of next meetings

- 9.1. 30th September 2014 in Brussels from 9 am to 16.30 pm.

10. Thank you and closure

- 10.1. The chairman thanked all participants for an active and productive meeting.

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Antonio Multari
WG10 Member

Marco Le Brun
WG10 Chairman