

Report: Second EAB Workshop



Name of meeting:	EAB Workshop #2 Västerås	Date of Meeting:	17/09/2018
Minute Taker:	Garazi Juez		
Attendees:	Miren Illarramendi (EAB member) Timo Varkoi (EAB member) Anders Sandin (EAB member) Laurent Fabre (EAB member) Thor Myklebust (EAB member) Markus Wallmyr (EAB member) Garazi Juez (TEC) Huáscar Espinoza (CEA) Stefano Puri (INT) Thomas Gruber (AIT) Barbara Gallina (MDH) Jose Luis de la Vara (UC3) Gaël Blondelle (ECL) Ran Bi (RPT)		
On-line attendees:	Marion Lepmets (EAB member) Kurt Tschabusching (EAB member) Alejandra Ruiz, Cristina Martinez (TEC)		
Presentations:	Website: https://www.amass-ecsel.eu/content/second-eab-workshop For AMASS partners, located in SVN: SVN\AMASS_collab\04_Meetings_and_Workshops\2018_09_17_Vasteras_EAB-Workshop-2\Presentations		

Agenda

Monday, September 17 (Aros Congress Center, Västerås, Sweden)

Start	End	Description	Speaker
9:00	9:30	Welcome and Project Outline	Garazi Juez (Tecnalia)
9:30	10:00	Technical Overview	Barbara Gallina (MDH)
10:00	10:30	2 nd AMASS Platform Prototype: An Overview	Huascar Espinoza (CEA)
10:30	11:00	Coffee break	
11:00	11:45	AMASS Usage Scenario 1: Architecture Refinement by using Safety Assessment	Stefano Puri (Intecs)
11:45	12:30	AMASS Usage Scenario 2: Process & Product Configuration and Compliance Management	Barbara Gallina (MDH)
12:30	13:30	Lunch	
13:30	14:15	AMASS Usage Scenario 3: Toolchain for system specification and quality assessment	José Luis de la Vara (UC3)
14:15	15:00	AMASS Usage Scenario 4: Safety and security co-assessment	Thomas Gruber (AIT)
15:00	15:30	Project Outreach and Community Building	Ran Bi (RPT) and Gaël Blondelle (ECL)
15.30	16:00	Coffee break	
16.00	17:00	EAB Feedback Brainstorming	Moderated by Huáscar Espinoza (CEA) and Gaël Blondelle (ECL).
17:00	17.30	Wrap-up	Moderated by Huáscar Espinoza (CEA) and Gaël Blondelle (ECL)

Minutes

In general, the EAB members look quite impressed about the results achieved during the last year. The EAB members depicted that showing not only the good results but the faced difficulties and the drawbacks of the different functionalities, would be beneficial.

Some selected noted have been collected below.

1. Reduction on certification costs

- AMASS should establish a clear argument on how the project will help reducing certification costs.
- The EAB members asked not to underestimate that proving this is not an easy task.
- It is a key point to reach the industry: not only to convince the engineers or designers but the management. Furthermore, the AMASS consortium should have a clear vision on how things are currently done in industry in order to be able to compare the obtained results versus the reality.
- The EAB members proposed to show how each of the proposed usage scenarios presented during the workshop will lead to reductions on assurance and certification.

2. Dashboard: “The Dashboard really looks promising”

- The EAB members agreed on the fact that such a solution presented during the workshop could help dealing with the complexity of the Project (“Tool Complexity”).
- Much more Dynamic guidelines need to be embedded in the Dashboard. Not only related to roles but to usage scenarios. For example, the four usage scenarios presented during the EAB meeting, however, there could be more.

3. Roles

- Clarifications made regarding current place for documenting the AMASS roles (For example in the WP2 deliverables and DX.7).
- The current specifications and definitions for roles need to be reviewed to ensure consistency with respect to the vocabulary used in industry. The EAB members could help on reviewing the meaning of the roles, which are currently defined in AMASS to verify they are appropriate and complete. In other words, to check if those roles are sufficient for their needs.
- The EAB member highlighted how roles can vary between companies. The AMASS consortium clarified how the AMASS platform deals with this issue.
- The current definition for roles doesn’t consider Tier levels. It would be beneficial for the Project to do so. Consider relating the Tier level with the AMASS Functionalities.

4. AMASS Lite

- Different configuration of the AMASS Platform MUST be provided. This is not related to the dashboard only, but to the possibility of providing different configurations (set of plug-ins depending on the role of a person). For example, a safety manager or a system architect might not need all the plug-ins.

5. Multi-concern related issues. Safety-security co-analysis

- The AMASS consortium should clarify the responsible role within a company who would be carrying out combined safety-security analysis (e.g. FMVEA). “Who is the responsible person: the safety engineer? The security engineer? They even questioned a bit these co-analysis techniques. They have emphasized how different the two worlds are and even if they agree that both roles would need to talk to each other, they agree on keeping two concerns separated but aligned.

6. Open Source

- The use of open-source software in safety-critical environments was questioned. However, the outcome is that this should not be an issue at all.
- Eclipse can offer qualification kits.

- “Non-open source software can have bugs as well.”
- 7. Tool Qualification**
 - AMASS needs to improve Tool Qualification issues. → To be discussed at the October plenary meeting. The effort on validating the AMASS platform needs to be further investigated.
 - 8. Dissemination**
 - Consider creating a “one page” per usage scenario in the AMASS leaflet. In other words, together with the already existing general one page, having a one page per usage scenario would be beneficial. In the EAB meeting four usage scenarios were presented, however, there could be more.
 - 9. Usage Scenario 1: Architecture Refinement**
 - Verification based on formal methods looks very powerful.
 - Define some guidelines which help on specifying when this kind of approach could be successful. Difficulties on formalizing requirements and on applying formal methods were highlighted.
 - 10. Usage Scenario 2: Process&ProductConf&Compliance**
 - The EAB members wondered if there are differences on applying the approach when the focus is process reuse versus product reuse. The AMASS consortium mentioned there are no differences when applying the approach and that that’s in fact one of the major benefits.
 - 11. Usage Scenario 3: Tool Chain**
 - Collaborative real-time modelling looks promising. The reviewers are quite interested on this. Not presented today and available for next workshop. Security management and data management features were emphasized.
 - How to define the tool connectors clarified.
 - 12. Usage Scenario 4: Co-Assessment Scenario**
 - Difficulties when defining security levels have been pointed out by the EAB Members. Clarify how AMASS could help here.
 - Clarify the role of a person applying co-analysis.
 - The status regarding IEC 62443 has been clarified.
 - 13. Community Building**
 - The AMASS consortium will participate at 2019 Certification Together (CTIC).
 - The EAB members might help the AMASS Consortium on identifying potential industrial users to adopt the solution.
 - Several questions regarding the maintenance of the AMASS platform arised. Eclipse helps maintaining the project results once the time assigned to the Project ends.
 - Consider participating at ISO26262 conferences.
 - Recommendations on spreading the world going not only to Europe but other places such as North America.