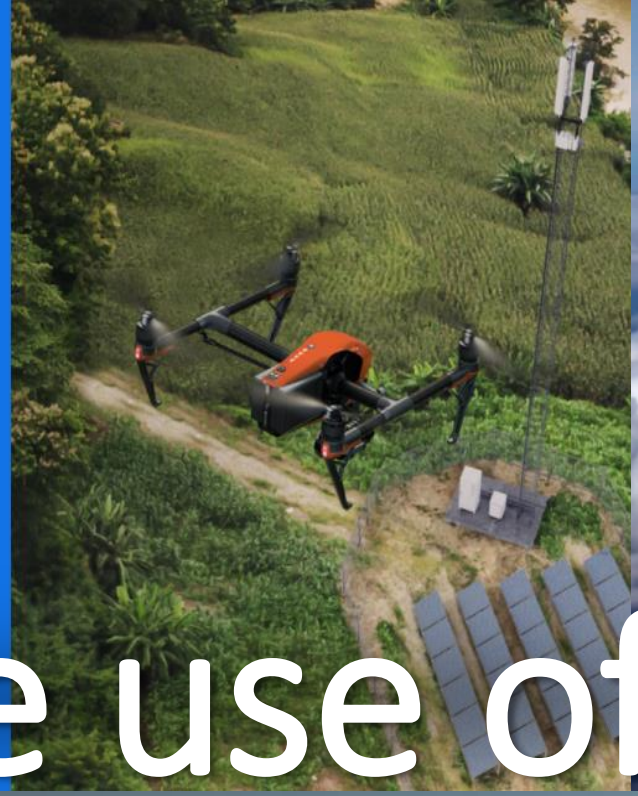
ERICSSON

Accelerate 5G everywhere



Secure use of FOSS & 3PP

Collaboration Project between Ericsson and SAAB

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Background

- Productivity based on external SW as a vital part of solution
- Automation – Integrity – Speed in Focus – solution 100% aligned with R&D processes and WoW
- FOSS used when relevant and applicable – essential it need to be done in a controlled way
  - Prove points that it is not handled in a controlled
    - Volume
    - Dark side more and more sophisticated
    - What defines “Full control”

Consequence of usage

- **Dependency**
  - When getting into bed with “new development teams“ you actually create a dependency to them, which mostly is OK but could lead to a number of unwanted consequences
  - Apart from the obvious benefits instead of having to write proprietary solutions the experiences can be different from what is expected, can we change that?
- **Long term relationship**
  - So you found code and deployed it; which is smart,
  - You will have to live with the code but also with the movements of the community
  - You could describe it as a quick affair leading to pregnancy and a life long "responsibility" of care taking and being observant of what this new "artifact" does and how it evolves
- **Bugs**
  - Is the downloaded SW free from bugs?
  - If not: what about if it is updated ?,
  - Or even worse, there are bugs but the community does not update it ?
  - You need to decide if you will contribute to the community
  - And now the whole world knows what you're using , I.e. an attack vector is revealed
- **Disease**
  - And "while in bed" you catch a disease in terms of a malware and if you don't get a treatment in time it spreads.....

The Tray: what we want to serve to our designers

- **Consolidation**:
  Multi source information
  - Gathered in one place
  - Attached to the downloaded artefact

- **Visualisation**:
  Ready for aware consumption decision
  - A Policy based clear sign a system for usage conditions
  - Even deep structures are scrutinised and findings revealed
  - Easy to follow up individual implementation adherence to policies

- **Resulting in**:
  One condensed report giving guidance to make the aware decision presented in a optimised manner

Our project and the expected outcome

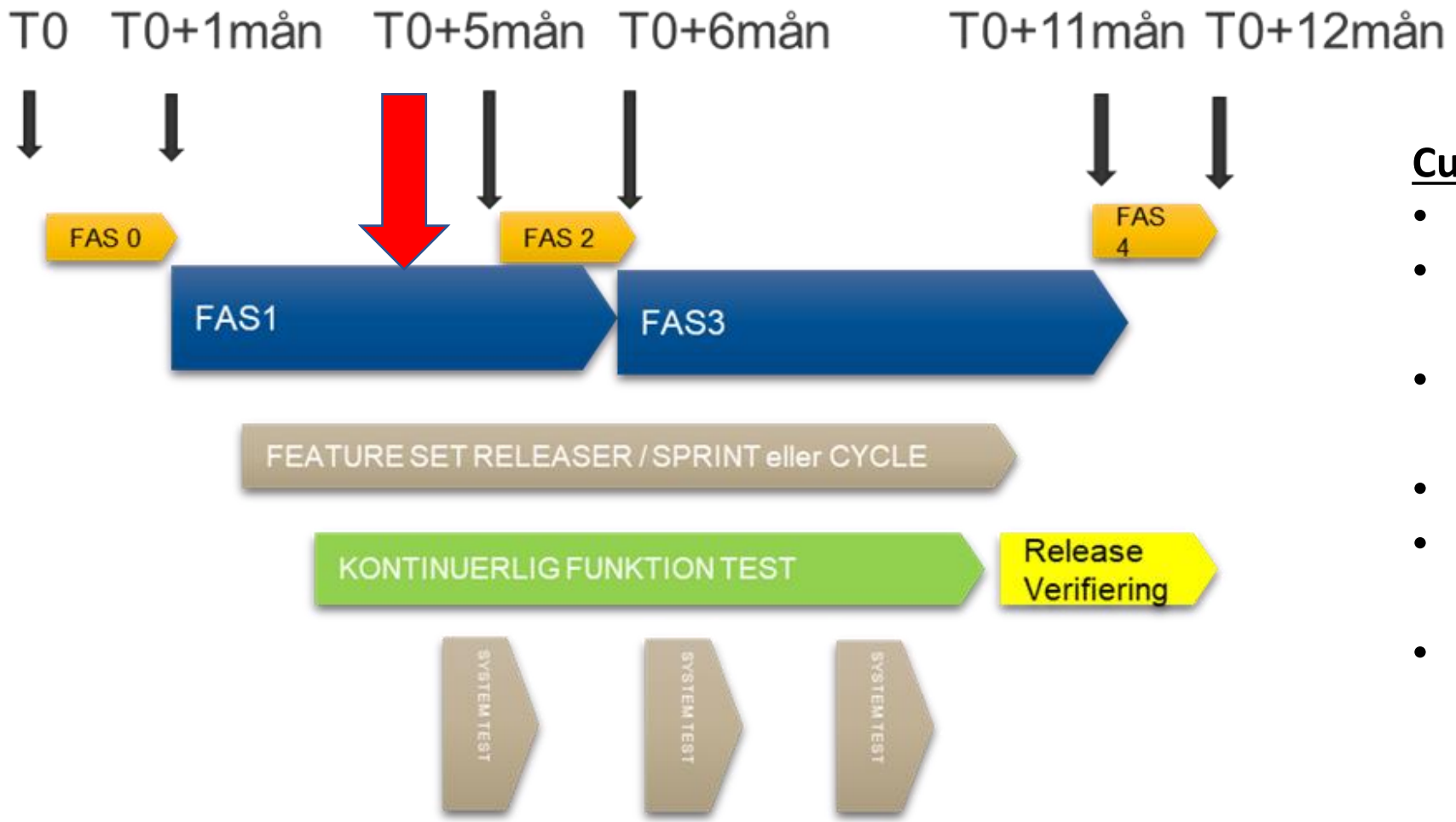
The PROJECT

- Run in an AGILE way
- Team representatives from both companies
- One common PM
- Reference group with a broad participation from both companies
- Very frequent design meetings and retrospectives on both work methods and analysis/technical solution
- Intermediate opportunity for improvements planned to the mid of the project

The Solution

- Different Analysis methods are assessed and the way to combine data to meta data
- An Open API is created for possibilities to add various data sources

Current Status



Current achievements:

- Work methods established
- Intake method decided and implemented
- Framework designed and implementation started
- API development initiated
- Some fundamental Analysis tools ready
- META data generator under construction

...more to come


Q&A