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Model based PLE

RETURN ON EXPERIENCE: DO'S AND DON'TS

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Contents

- Context
- Way of working
- DO'S
- DON'TS

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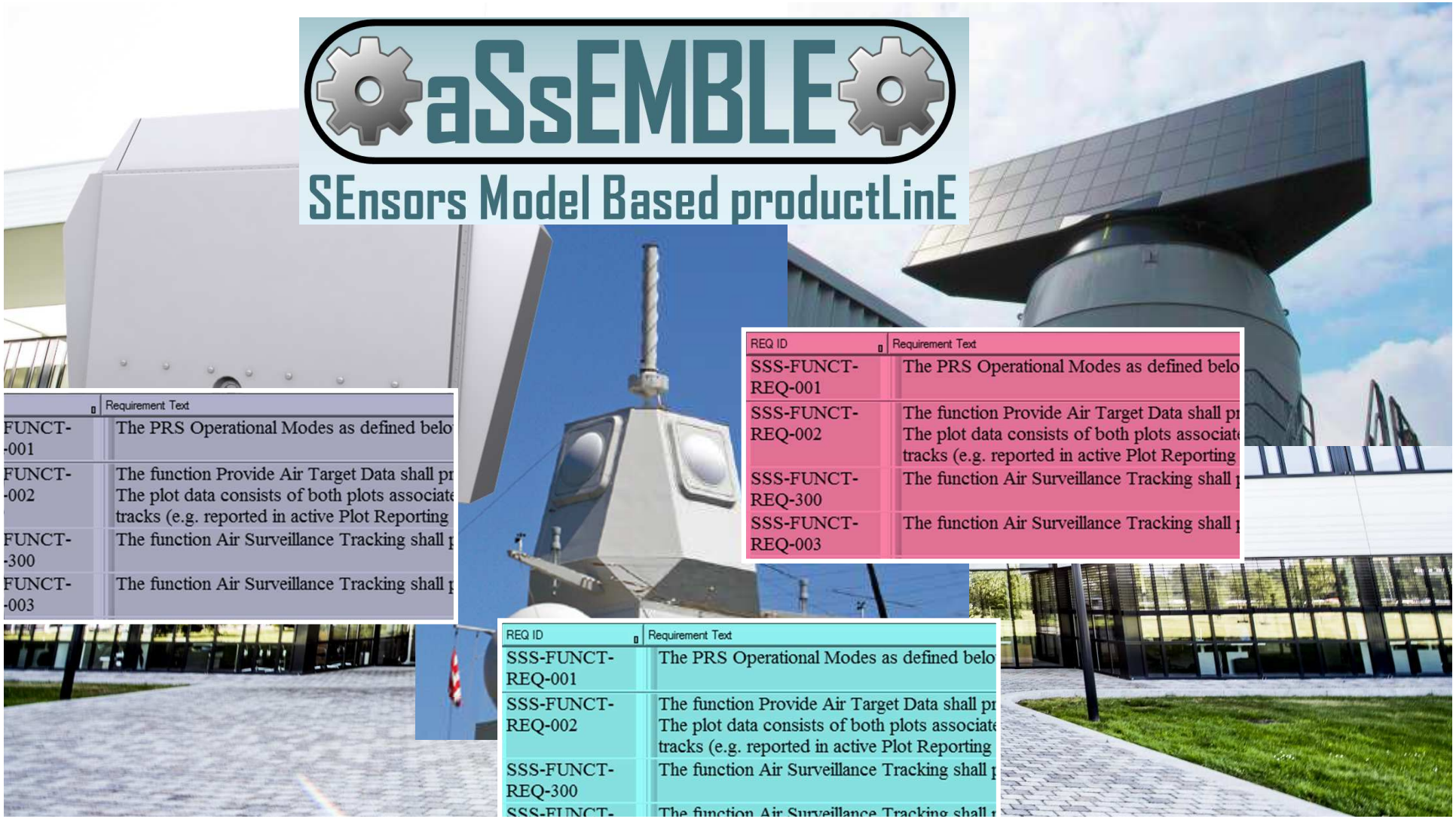
aSsEMBLE
SEnsors Model Based productLinE
Requirement Text
FUNCT-001
The PRS Operational Modes as defined belo
FUNCT-002
The function Provide Air Target Data shall pr
The plot data consists of both plots associate
tracks (e.g. reported in active Plot Reporting
FUNCT-300
The function Air Surveillance Tracking shall p
FUNCT-003
The function Air Surveillance Tracking shall p
REQ ID
Requirement Text
SSS-FUNCT-REQ-001
The PRS Operational Modes as defined belo
SSS-FUNCT-REQ-002
The function Provide Air Target Data shall pr
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The function Air Surveillance Tracking shall p

aSsEMBLE

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PLE Approach

Arcadia & Capella

ARCADIA

Standardization

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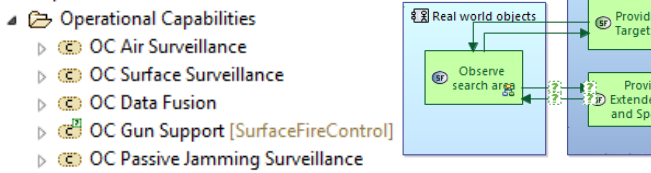
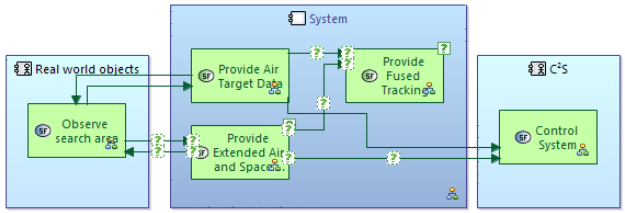
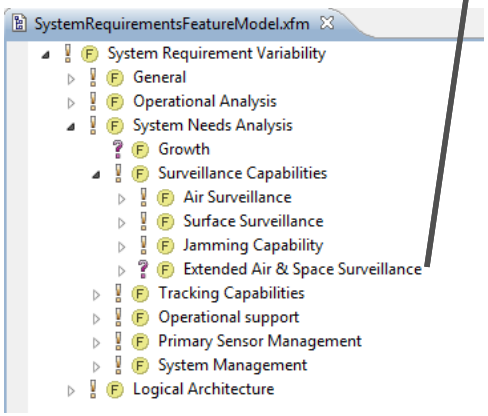
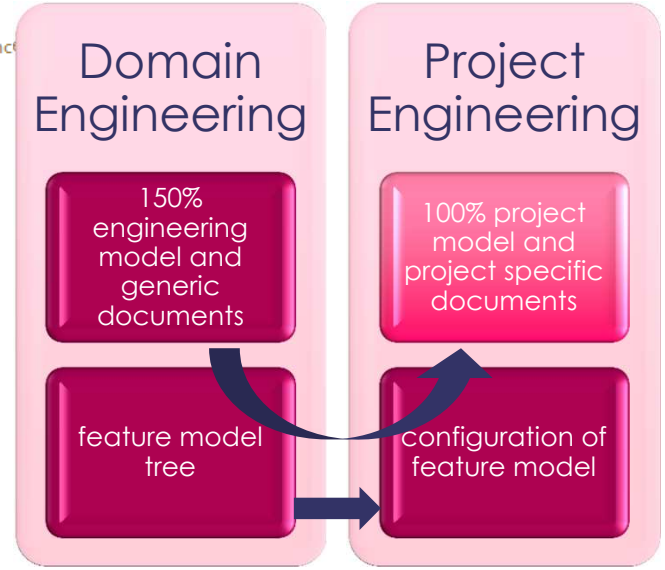
PLE Approach – in theory

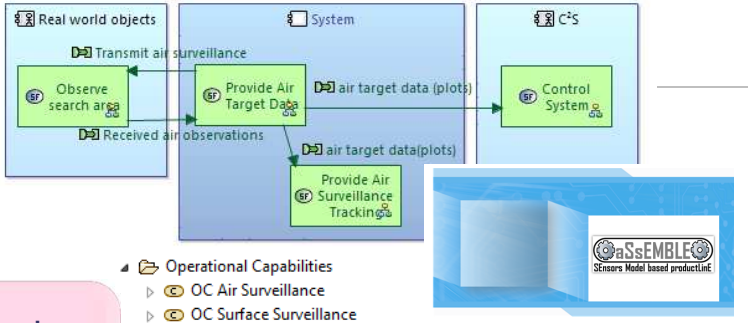




SSS-FUNCT-REQ-036	The function Surface Target Data shall have a minimum range less than or equal to **[SurfaceSurveillance->min_range]** m $[abs].
SSS-FUNCT-REQ-037	The maximum instrumented target speed for the function Surface Target Data, shall be at least **[SurfaceSurveillance-> max_target_velocity]** m/s $[abs].





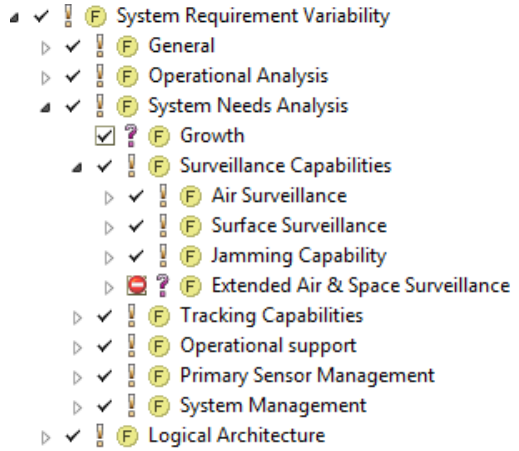


SSS

SYSTEM/SEGMENT SPECIFICATION

For the Generic PLE

Generic Search Radar



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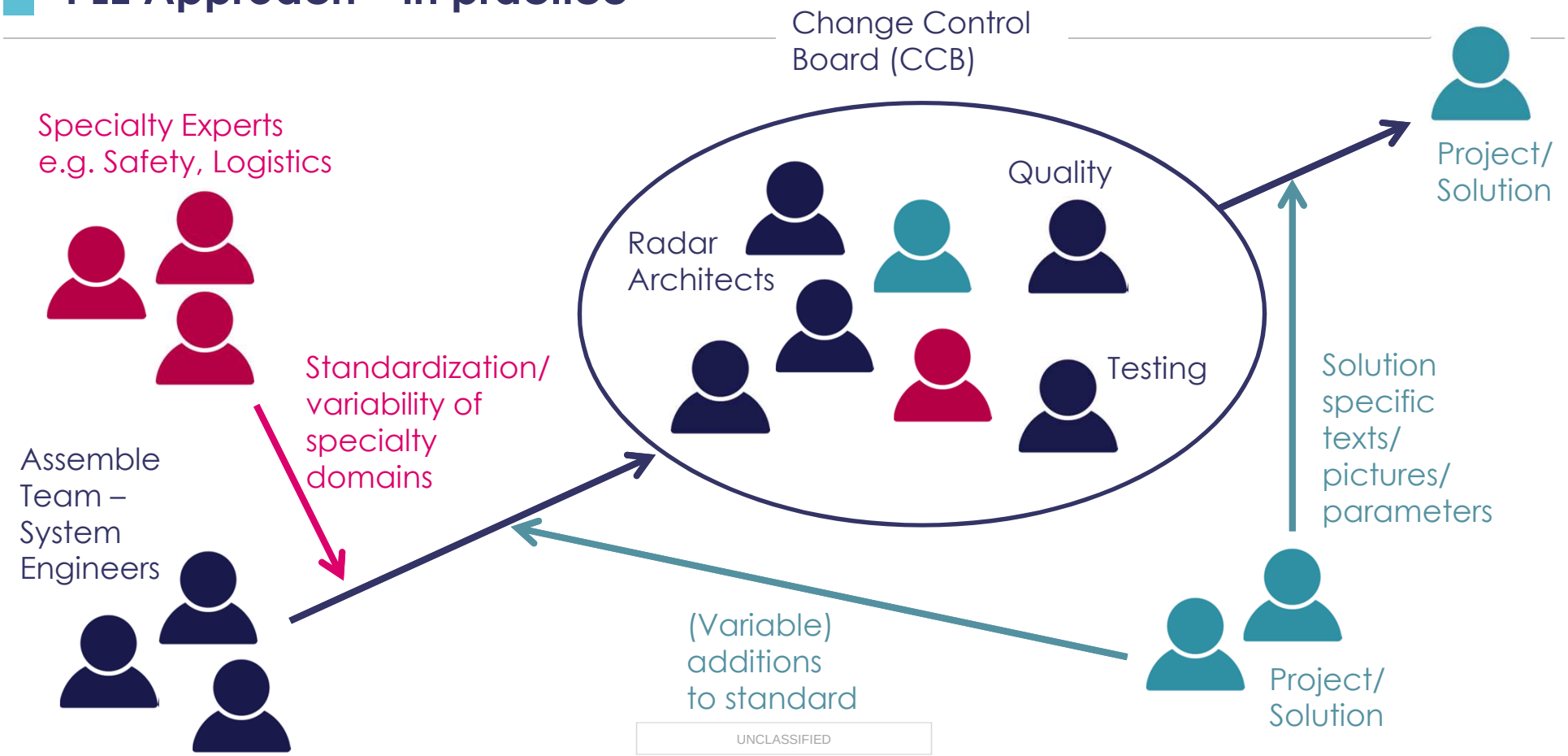
PLE Approach – in practice



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Contents

- Context
- Way of working
- DO'S -> key elements to making Model Based PLE a success
- DONT'S

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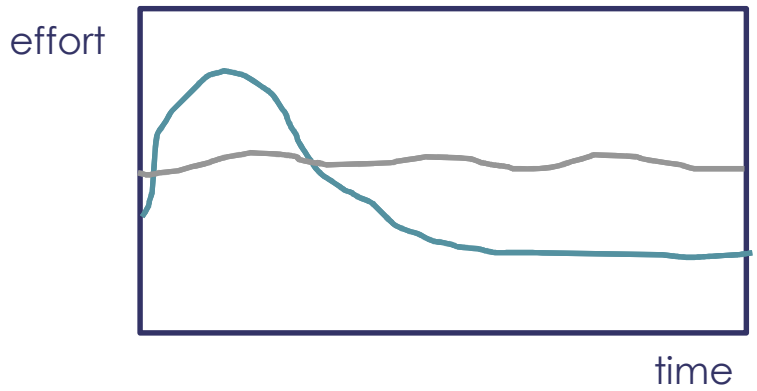
Benefits

- Less review effort due to standardization
- Consistency, one true source
- Easy to extend/add future systems



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DO'S

Be aligned within the team -> have a dot on the horizon

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DO'S

Be a very active bridge between

- standard and projects
- people and tooling
- disciplines

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DON'TS

Work isolated

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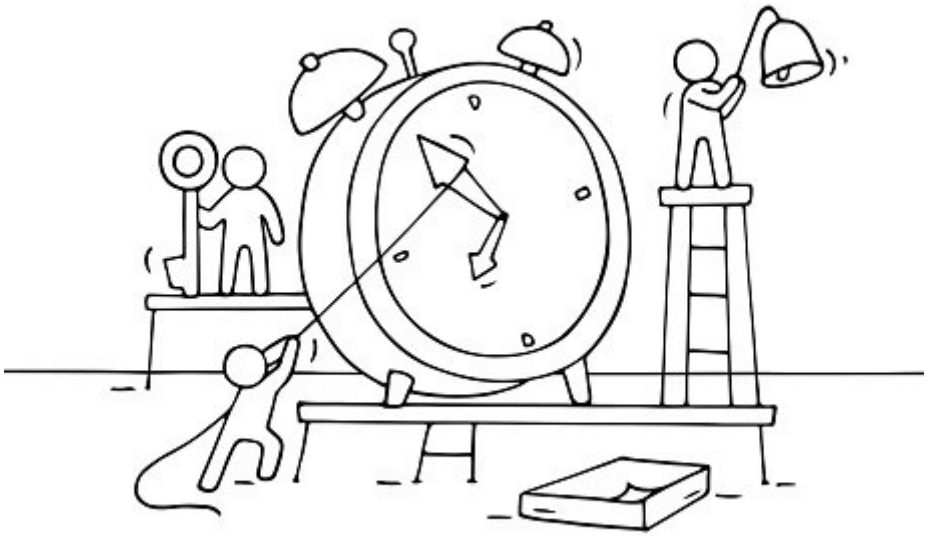
DON'TS

Promise too much -> standardizing takes time



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DON'TS

Get distracted from the roadmap

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Discussion

- Which ones do you recognize?
- What strategies or good practices can you think of, to avoid or recognize the don'ts?
- From the topics discussed, what can you take home and apply on a day-to-day basis?

Memory board

- DO: Have a dot on the horizon

- DO: Be a very active bridge

- DON'T: Work isolated

- DON'T: Promise too much

- DON'T: Get distracted from the roadmap

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Questions?

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