



Systems Engineering in FDD Environment

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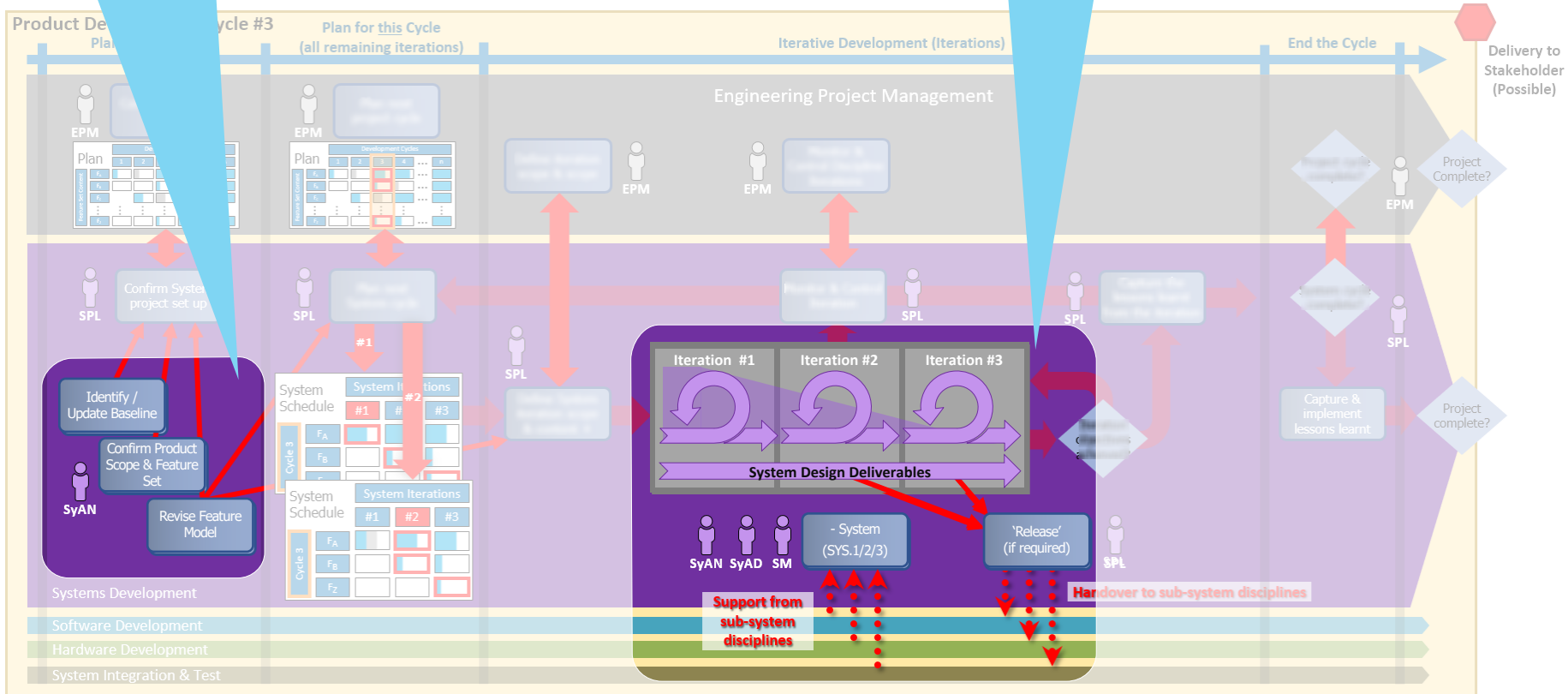
Systems Engineering: Agenda

- Project Execution Overview
- Project Scope and Feature Set
- Iterative Work Products in FDD Environment
- Systems Engineering Tools
- Challenges and Open Points

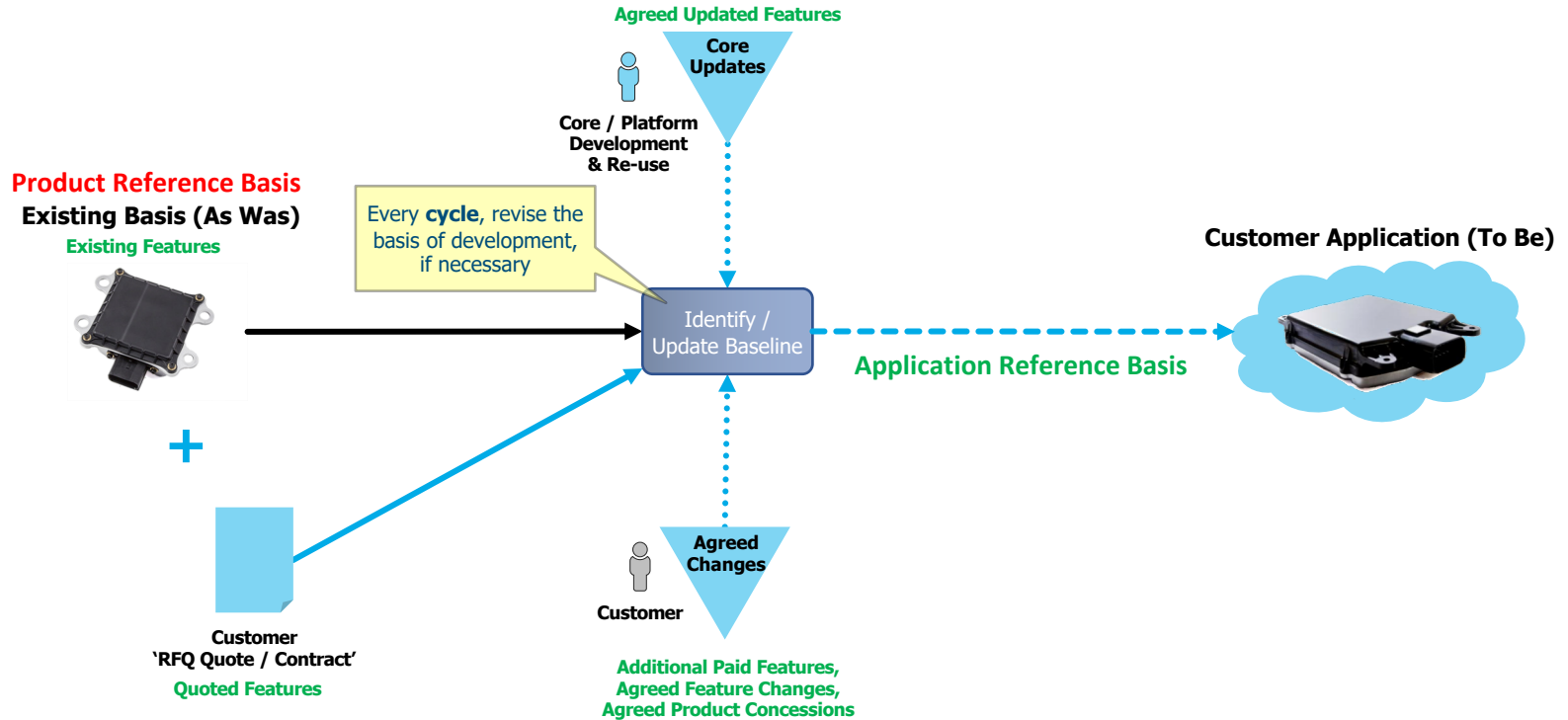
Systems Engineering: Project Execution Overview

Plan/Update Product Scope and Feature Set per Cycle

System Work Products per Iteration

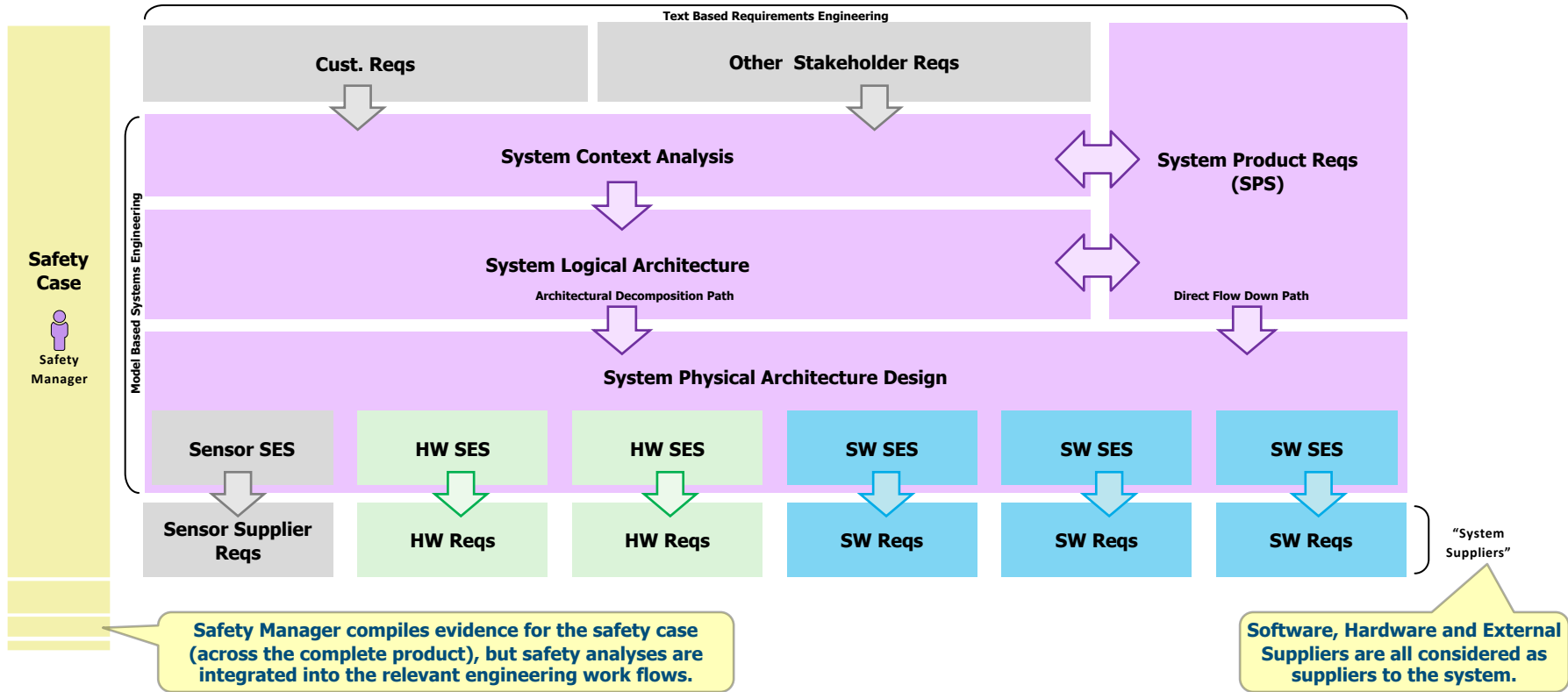


Systems Engineering: Initial Project Plan



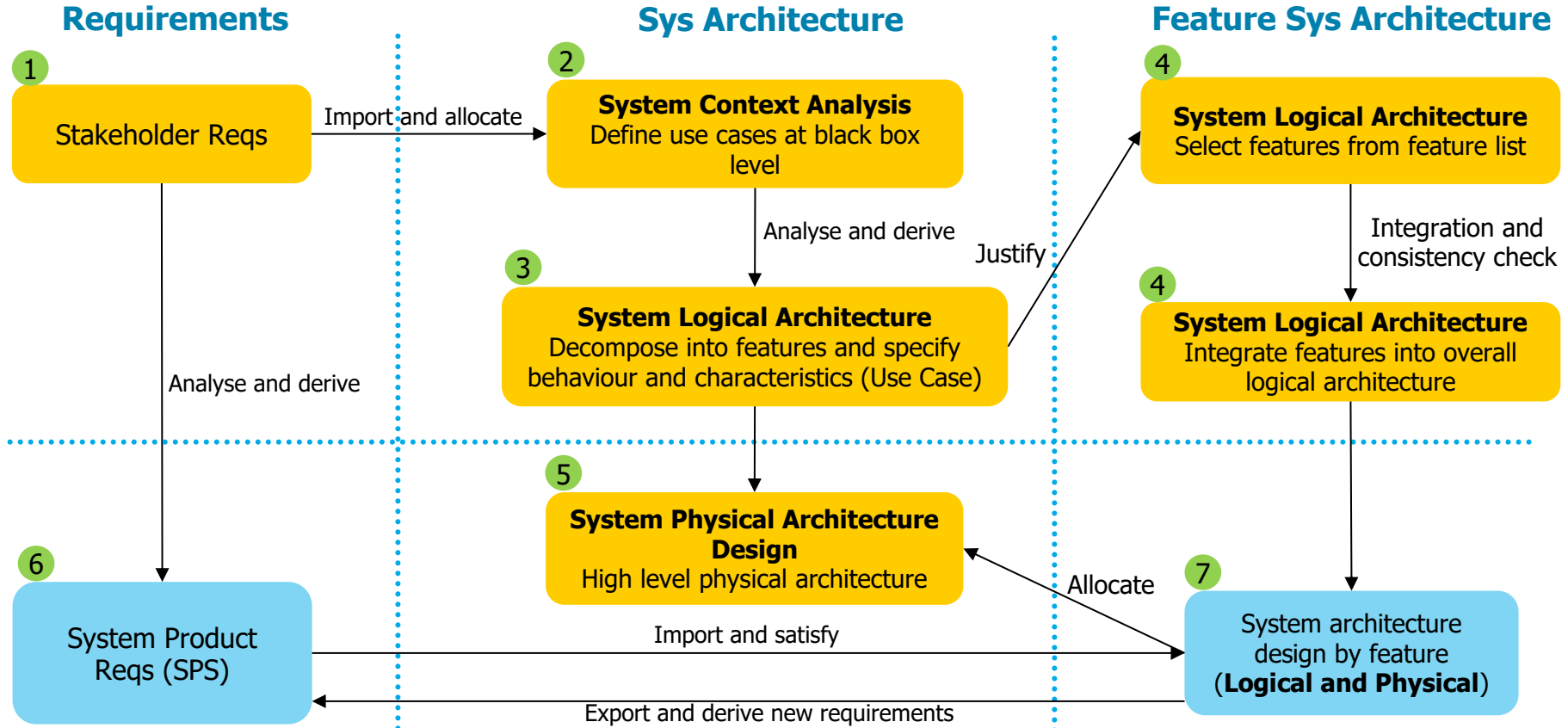
Application Reference Basis = Product Reference Basis + Agreed Changes (Agreed gap analyzed CRS and additional agreed changes)

Systems Engineering: Work Product Overview

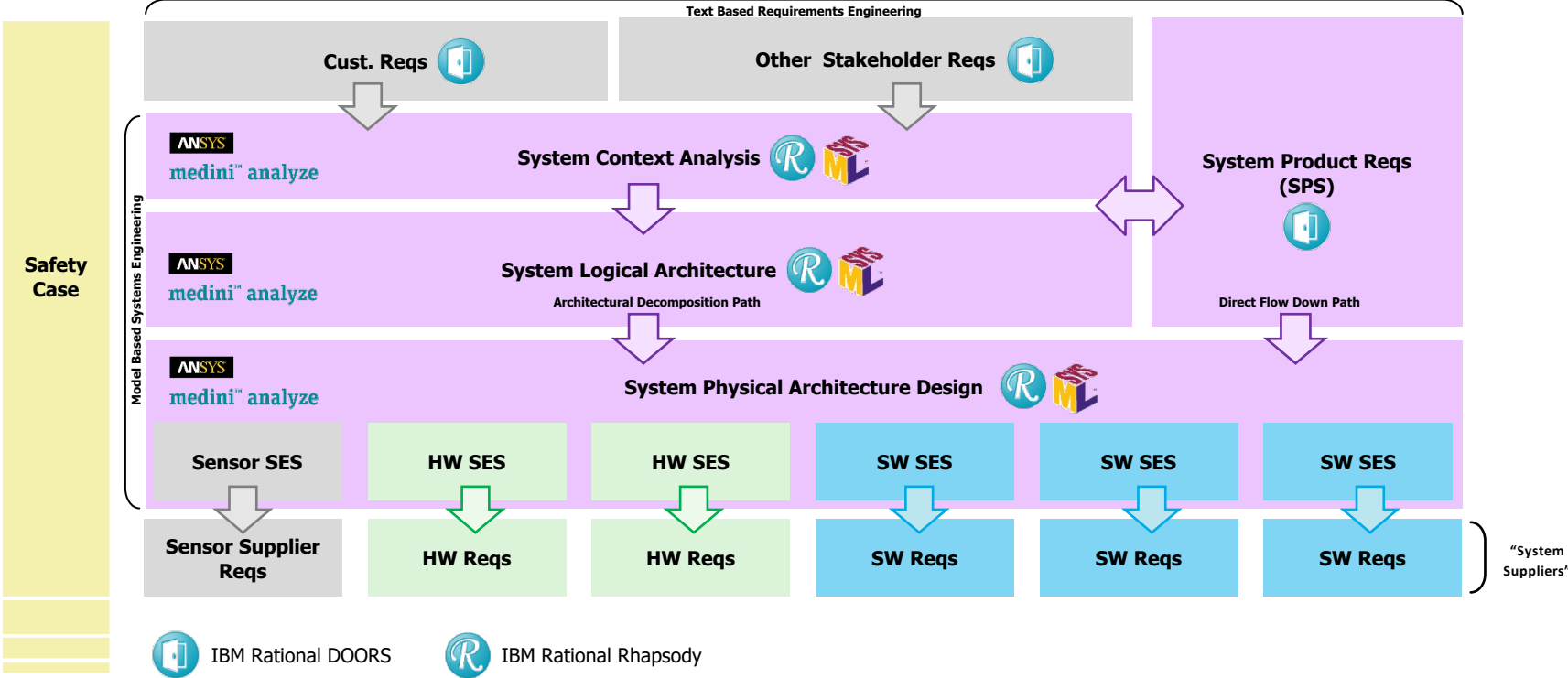


Systems Engineering: Work Product Interfaces

Activity once per cycle
Activity once per Iteration



Systems Engineering: Tools



Challenges/Open Points

- Core project as a pilot project using FDD approach without a product reference:
Definition of a feature list/super set of features
- Difficulty to find hard lines between the features to identify clear interfaces between them
- Alignment of the physical architecture between the system design and feature design
- High complexity to check consistency across the features
- Difficulty to apply FDD to HW sub-domains
- ...

**Thank you
for your Attention**