AUTOMATION TECHNOLOGY

Cyber Physical Systems
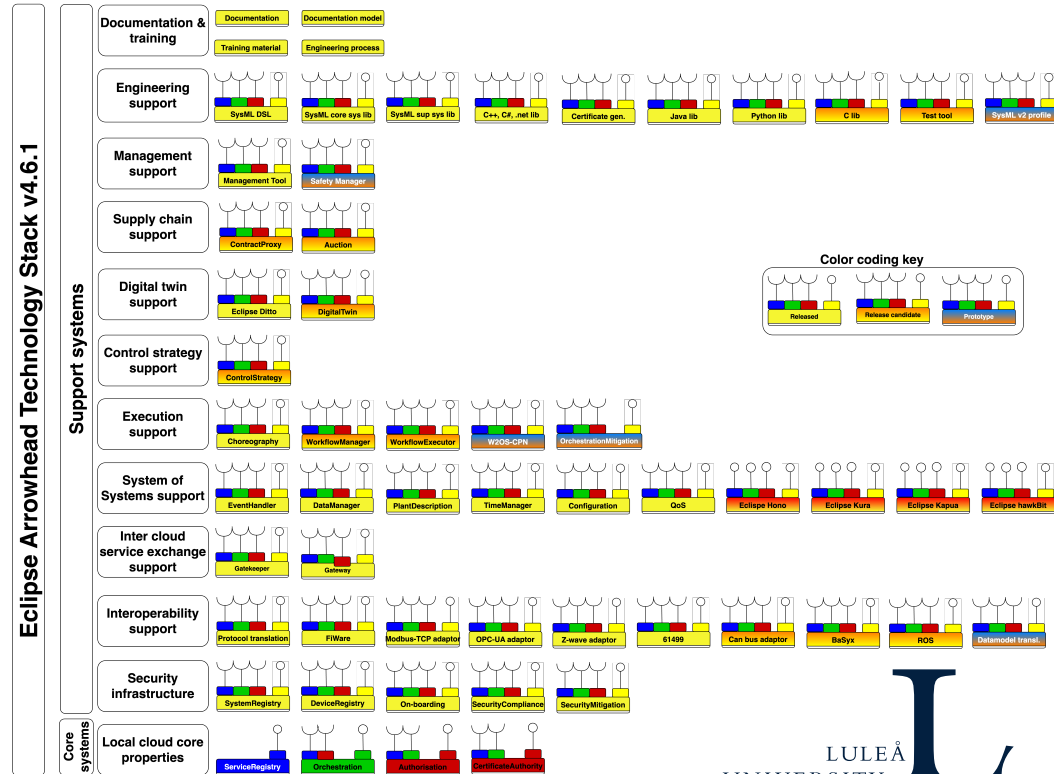
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Industry 4.0 and. 5.0

- CPS have internationally leading expertise on Service Oriented Architecture

- CPS lead and participates in some of the largest EU project addressing the implementation and exploitation of SOA technologies for production automation. Project link examples are:

  - arrowhead.eu, productive.eu, AIMS50.eu, COP-PILOT.eu

Eclipse Arrowhead

- A suit of microsystem and services providing a comprehensive infrastructure for using SOA for production automation at the edge

- Commercial uptake through a commercial ecosystem and large EU innovation action projects with large OEMS in multiple industrial domain: Steel, Automative, Semiconductors, Paper & Pulp, …

Proven engineering efficiency

- Arrowhead Tools project
  - 28 industrial use cases
  - Engineering cost reduction - 80%
    - Spann 30-95%

- https://youtu.be/I6l70lKOSPI

Impact from Introducing "Micro Services"

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