Arrowhead Framework development coordination:
171219

ARROWHEAD

Agenda

1. WP1 meeting in Lisbon, Jan 16-18, Jerker, Pedro

2. Requirements, Oystein, 20 min

3. Dissemination
   ICPS - SS, Pal, Tutorial, Jerker
   INDIN, Special sessions?
   IECON, Special sessions?

5. Mandatory core systems, v4.0
   ServiceRegistry, Jerker
   Authorisation, Jens
   Orchestration, Csaba

7. Support core systems
   PlantDescription, Simon
   Configuration, Emanuel/Simon
   SystemRegistry, Ani
   DeviceRegistry, Silia
   Historian, Jens
   EventHandler, Michelle
   QoS, Michele
   Gatekeeper and Gateway, Csaba
   Translator, Hasan

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Agenda

7. Core system integration coordination,
   Translator, Historian, …Hasan,

8. Proposals for additional support core systems
   ModbusTCP integration, Christian
   Engineering tool for legacy adapters, Mario
   PLC integration, Alois
   Smart Service Contract, Christian/Ulf
   Self adapatability, Markus
   SafetyManager, Simon

9. Docker containers, Fernando

10. AoB

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MoM

In Arrowhead Framework wiki, git repository

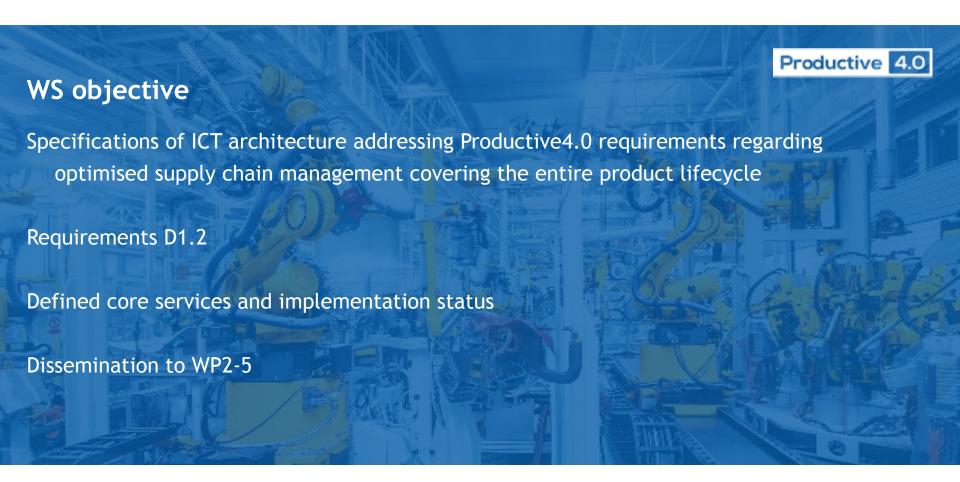9_Meetings/Core_system_development/171121/ AF_development_coordination_171121.xlsx

WP1 Architecture workshop

Productive 4.0

180116-180118

Lisbon, Portugal

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WS objective

Specifications of ICT architecture addressing Productive4.0 requirements regarding optimised supply chain management covering the entire product lifecycle

Requirements D1.2

Defined core services and implementation status

Dissemination to WP2-5

Agenda draft v0.3

Productive 4.0

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Agenda

Day 1 - Tuesday Jan 16

8.15 Registration

8.30 Welcome, Pedro Malo and Jerker Delsing

8.45 Architecture requirements, Oystein Haugen
       D1.2 presentation, focus on requirements from WP2-5,8,9

10.00 Break up session 3-6 groups (6-8 persons) — including coffee
       Defined architecture components
       Major gaps compared to requirements and global objective

12.30 Reporting on group findings

13.00 Lunch

Agenda

Day 1 - Tuesday Jan 16

14.00 Demo session, Fredrik/Jerker

1. Mandatory core services, v4.0,
    1. ServiceRegistry: Jerker, Erik
    2. Orchestration: Csaba
    3. Authorisation: Jens, Kiran
2. Support core services
    1. Historian, Jens/Hasan
    2. Translation, Hasan
    3. QoS, Michelle
    4. Eventhandler, Michelle
    5. Gatekeeper, Csaba/Pal
    6. Gateway, Csaba
    7. PlantDescription, Simon
    8. Configuration, Simon
    9. SystemRegistry, Device Registry, Ani/Silia
    10. On-boarding of a device to a local cloud, Ani, Silia, Csaba
    11. SmartServiceAgreement, Ulf/Emanuel
    12. Docker containers, Fernando

17.30 Core system status summary and demos in March, Jerker

Agenda

Day 1 - Tuesday Jan 16 (Social event)

TBD

Agenda

Day 2 - Wednesday Jan. 17

8.15 Registration

8.30 Core system: internal dissemination and next step, Jerker/Fredrik
      Objectives for June WS

10.00 Coffe

10.30 Break out TECH sessions
      On-boarding, DeviceRegistry, SystemRegistry, ServiceRegistry, Ani/Silia
      Historian, EventHandler, Translation, Hasan
      Modbus TCP and tools for Legacy integration, Mario and Alois

13.00 Lunch

14.00 Break TECH sessions
      PlantDescription, Configuration, RDF, …. Simon/Jan/Fredrik
      Smart Service Agreement, Ulf
      Authorisation, Jens/Kiran

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Agenda

Day 2 - Wednesday Jan. 17

15.30 Coffe

16.00 Break out reporting

16.30 Dissemination
      IEEE ICPS, SS, Tutorial
      IEEE INDIN
      IEEE ETFA
      IEEE IECON

16.30 Standardisation, Erwin S

Agenda

Day 3 - Thursday Jan. 18 WP2-5 invited

8.15 Registration

8.30 Welcome and objective for the day, Jerker and Fredrik

8.35 Architecture requirements, Oystein

9.20 WP7 interest and usage of the architecture

9.40 WP2 interest and usage of the architecture

10.00 Coffee

10.30 WP3 interest and usage of the architecture

10.50 WP4 interest and usage of the architecture

11.10 WP5 interest and usage of the architecture

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Agenda

Day 3 - Thursday Jan. 18

11.30 WP6 interest of architecture and technology integration for standardisation

11.50 Introduction to architecture and demos, Jerker/Jan/Fernando

    In parallel: WP1 TECH break-out sessions, Fredrik

    XXX Topics

13.00 Lunch

14.00 Architecture industrial usage and engineering savings, Erik Karlsson, BnearIT

14.30 Usage of architecture, T1.1 project internal dissemination/education

15.00 Joint demonstrations at Productive4.0 project conference March

15.30 Closing of workshop

16.00 PMT meeting

Agenda

Day 4 - Friday Jan. 19

 8.00 PMT

10.00 Coffee

10.30 PMT

13.00 Closing