

Lidec 2 – Sculi

13.06.2012



LIEBHERR

Agenda

- Context & Goal
- Planning
- Risk Analysis
- What has to be considered

Context & Goal

■ Context:

- D-Muster Engine will be sent starting January 2013 to internal customers (other Liebherr enterprises)
- Commissioning is planned for March 2013 (+ test on the field)

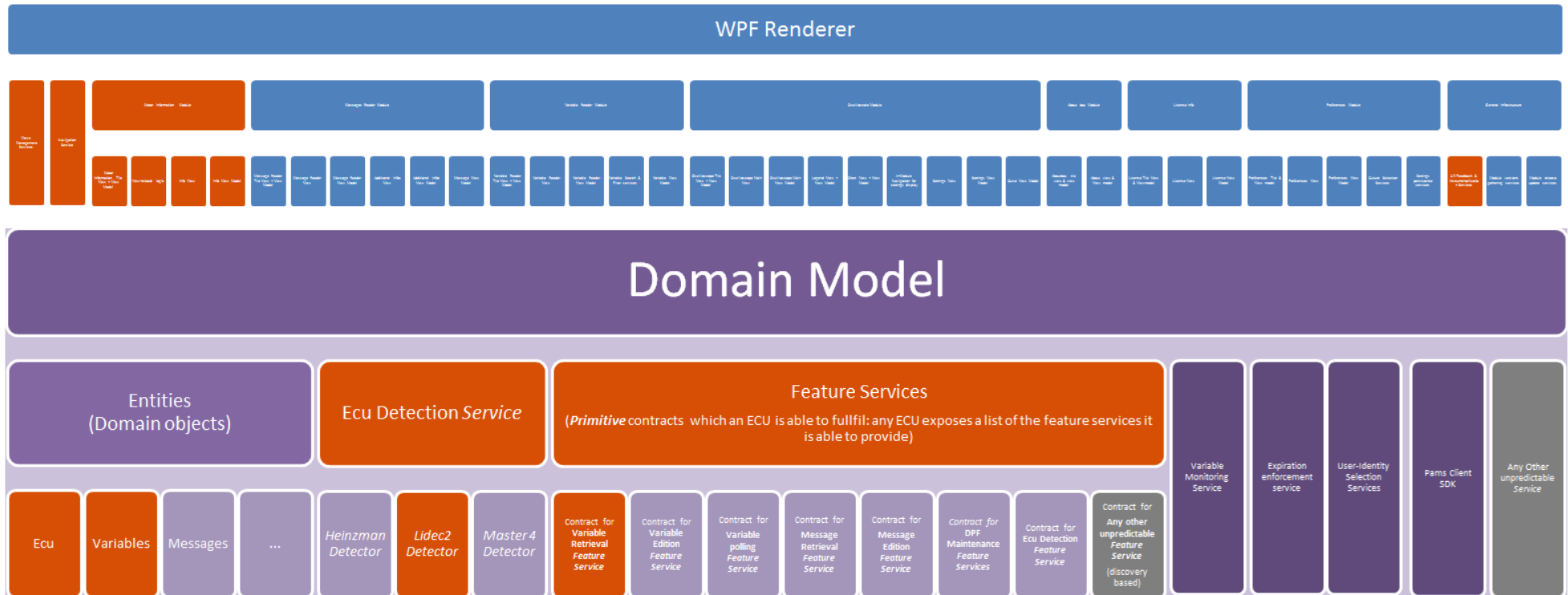
■ Goal:

- To deliver on March 2013 a Liebherr Diagnostic Tool allowing to do basic diagnose features on Diesel Engine with Lidec 2 ECU
 - Key features have been defined with Customer Service
 - ECU Information
 - Messages with additional info
 - Variable viewer (read only)
 - Oscilloscope (record only)
 - Key architecture principles have been defined
 - UDS Protocol
 - ODX file

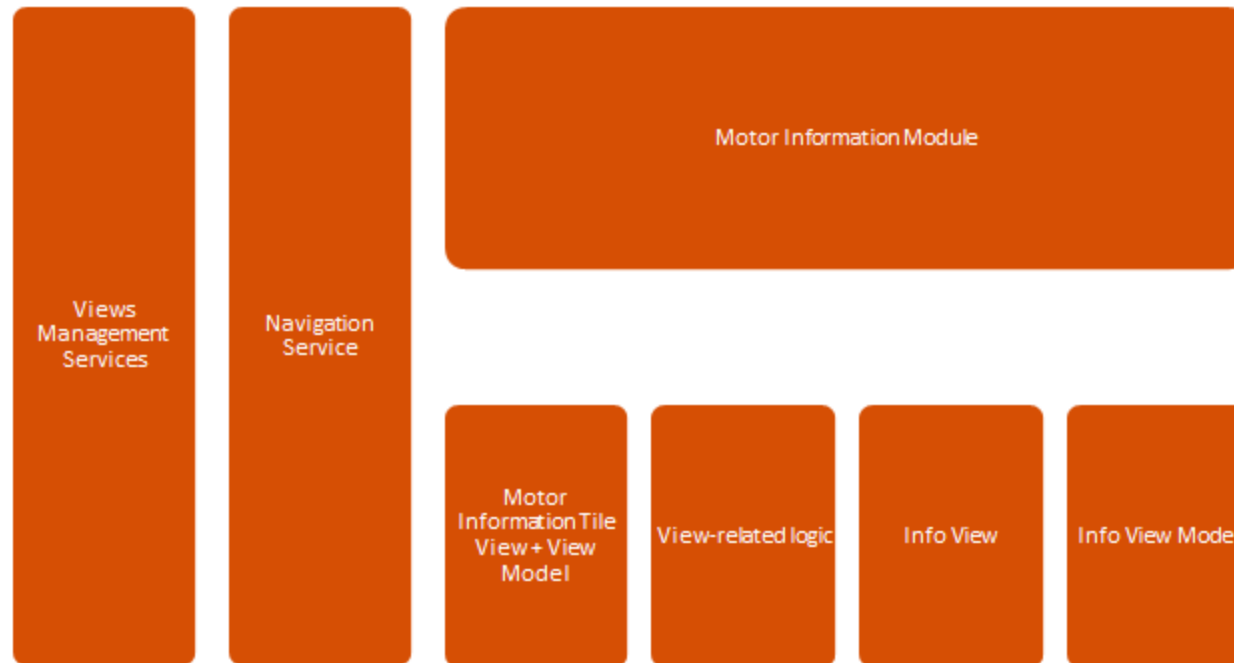
■ No goal:

- Download process
- Write process (write variables)
- Manage file (export / import)

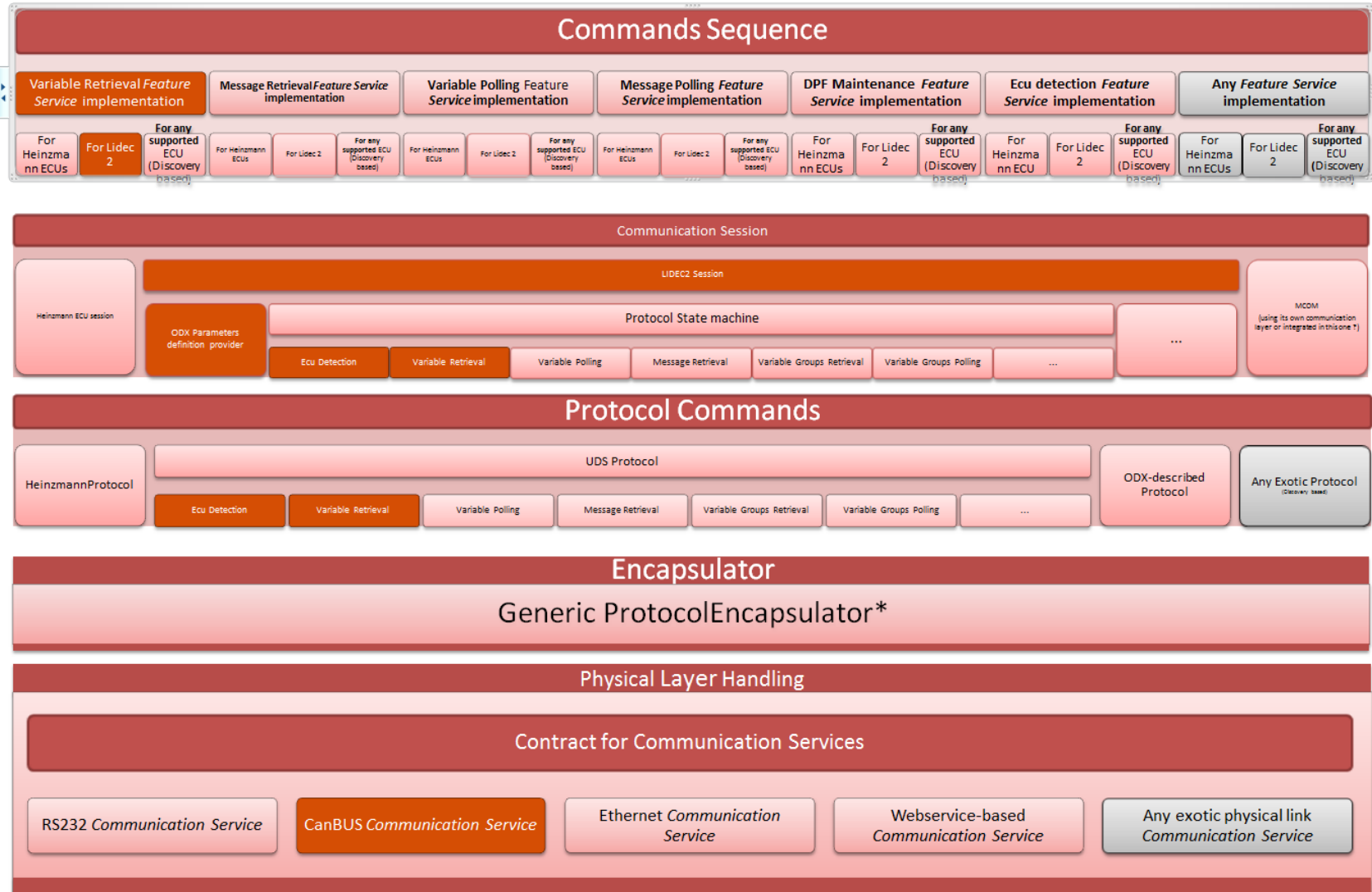
Planning – architecture



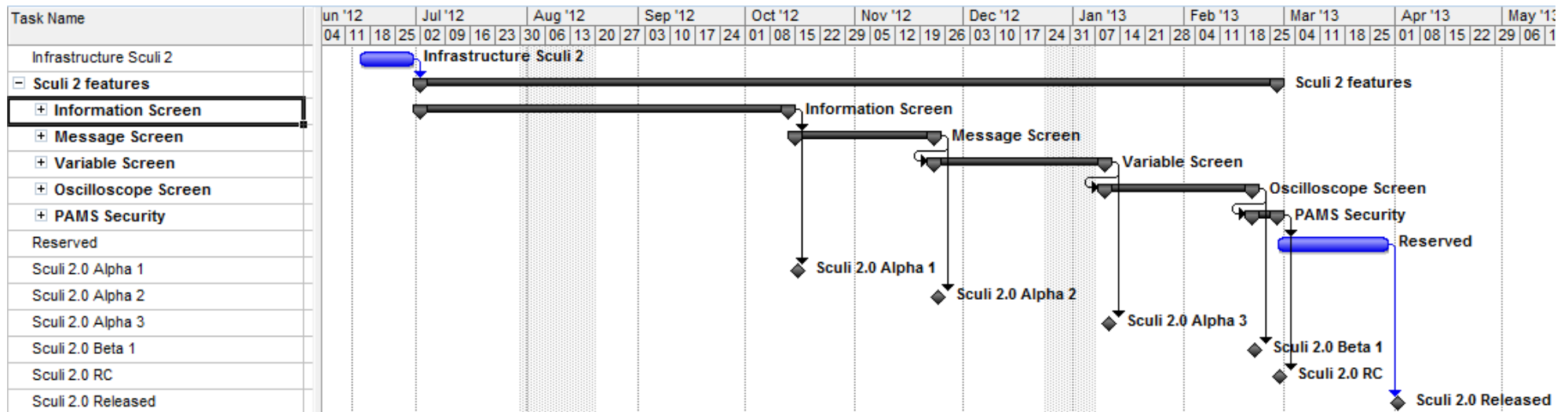
Planning – architecture



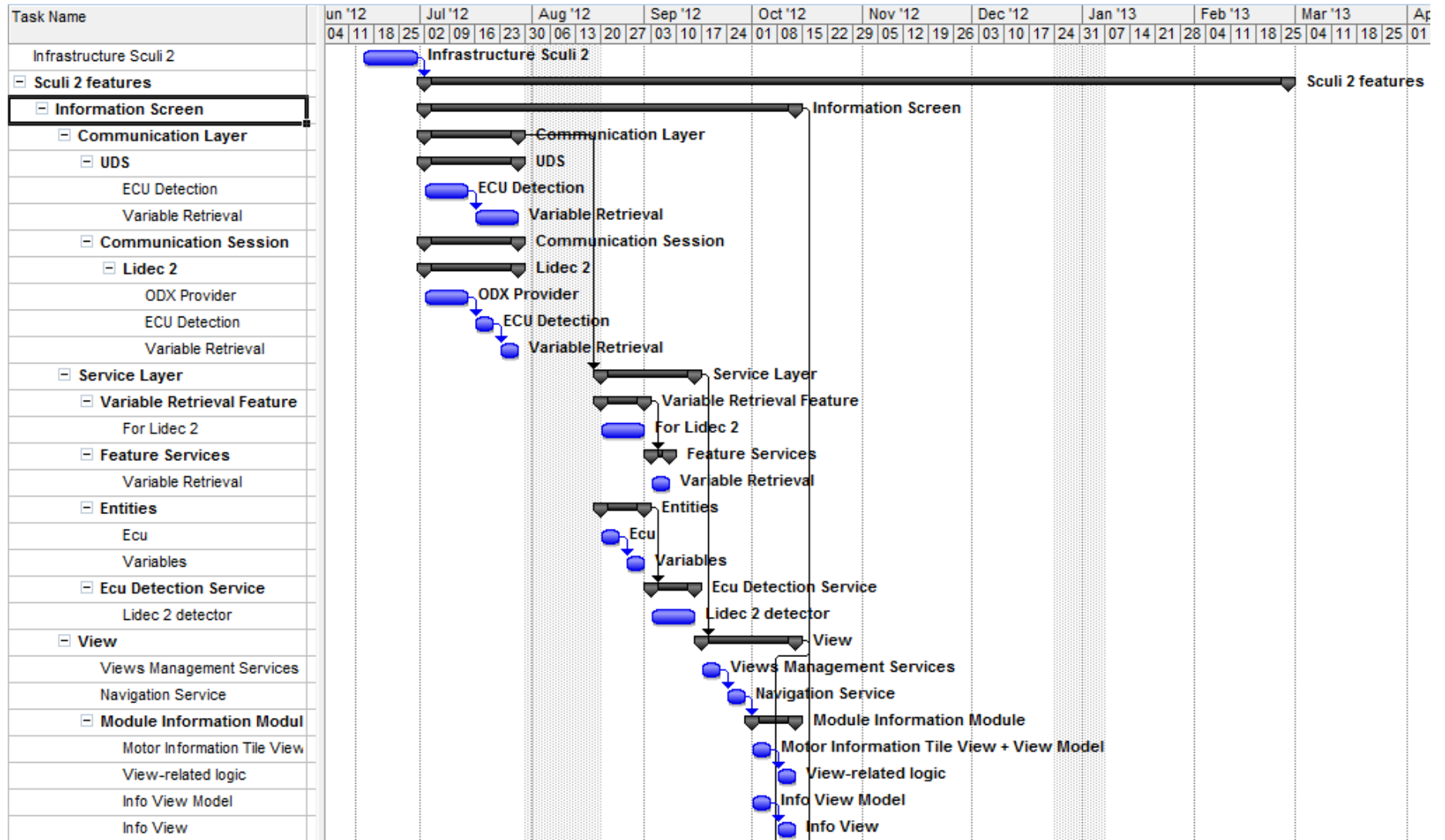
Planning – architecture



Planning - overview



Planning – per block



Risk Analysis

■ → 20120525_Risk_Analysis.pdf

What has to be considered

- The planning has been defined with 4 resources/developers
(Today 5 persons are available and starting August 17th, a new person will start (Nicolas Thal))
- Development of Sculi 1 must be reduced to a maximal of 10% (1 week over 10)
- In order to be on time, the development has to start on 1st July
- Risks have been analyzed
- **Question:**
Can we all together agree about to start the development of Sculi 2 phase 1 (pilot) on July 1st ?