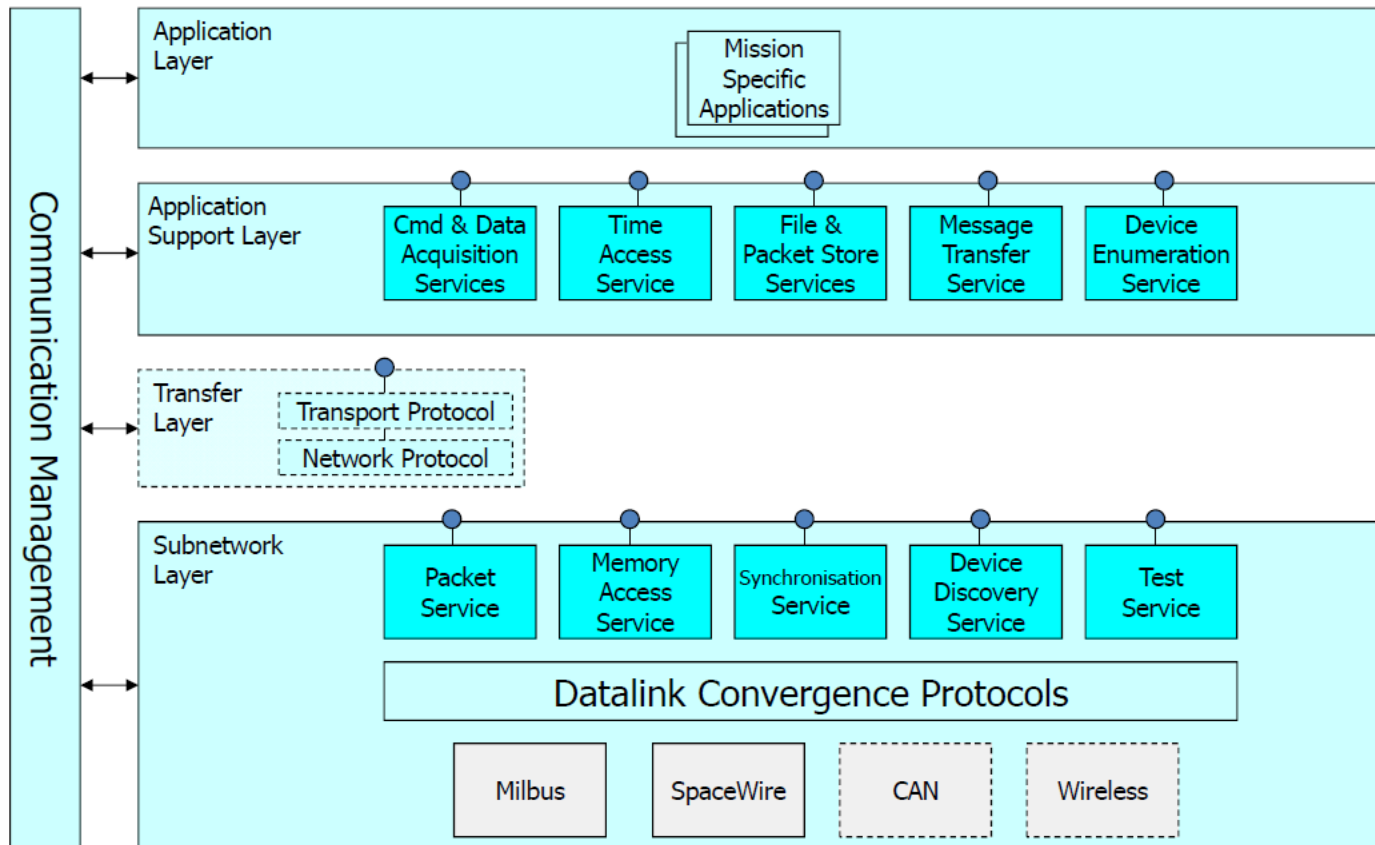




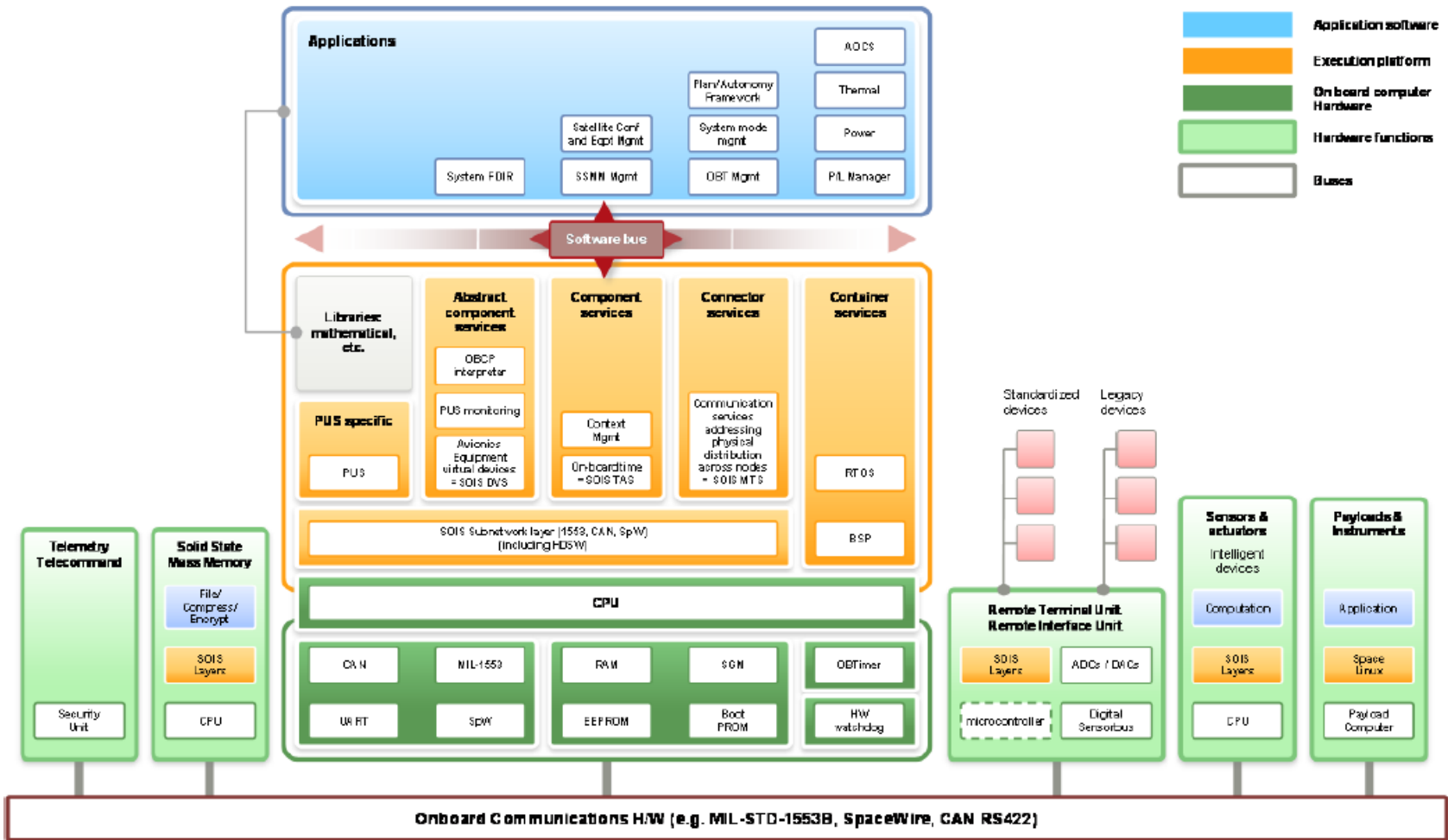
SOIS Evaluation by the Primes

TEC-ED & TEC-SW Final Presentation Days
7-9 December 2015

Spacecraft Onboard Interface Services



SAVOIR Avionics Reference Architecture



- ❑ **Three parallel activities with the Primes**
 - Airbus DS (Toulouse, France)
 - OHB (Bremen, Germany)
 - Thales Alenia Space (Cannes, France)

- ❑ **Started in 2014**

- ❑ **Objectives**
 - Critically review SOIS standards
 - Select legacy flight software, identify, design and implement updates to make it compliant to selected SOIS and ECSS standards
 - Make performance and architecture assessment
 - Define roadmap of transition towards an operational FSW system fully compliant to the applicable SOIS and ECSS standards

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