



SAVOIR MASAIS status ADCSS 2015

TEC-ED/SW ESA-ESTEC Data System & Software Division



Savoir-MAS AIS Tasks



- The SAVOIR-MAS AIS Working Group has as main goal the definition of the functional, performance, operational and interface requirements of the Data Storage function and its management (SAVOIR Mass Memory specification).
- The first step aims at analysing the existing SRD/OIRDs to consolidate system/operability requirements. This has been done by gathering agencies and primes in a Working Group to issue SRD/OIRD issue 0
- The second step consists in the review the SRD/OIRD requirements and in the contribution to the definition of the functional, performance, operational and interface requirements of the on-Board Mass Memory function and its management (S/s or Unit Specification) in interaction with the File Management System Interface Standardization (FMSIS) TRP activity (TEC-SW). The Working Group has been extended to data storage solution providers (HW and SW).



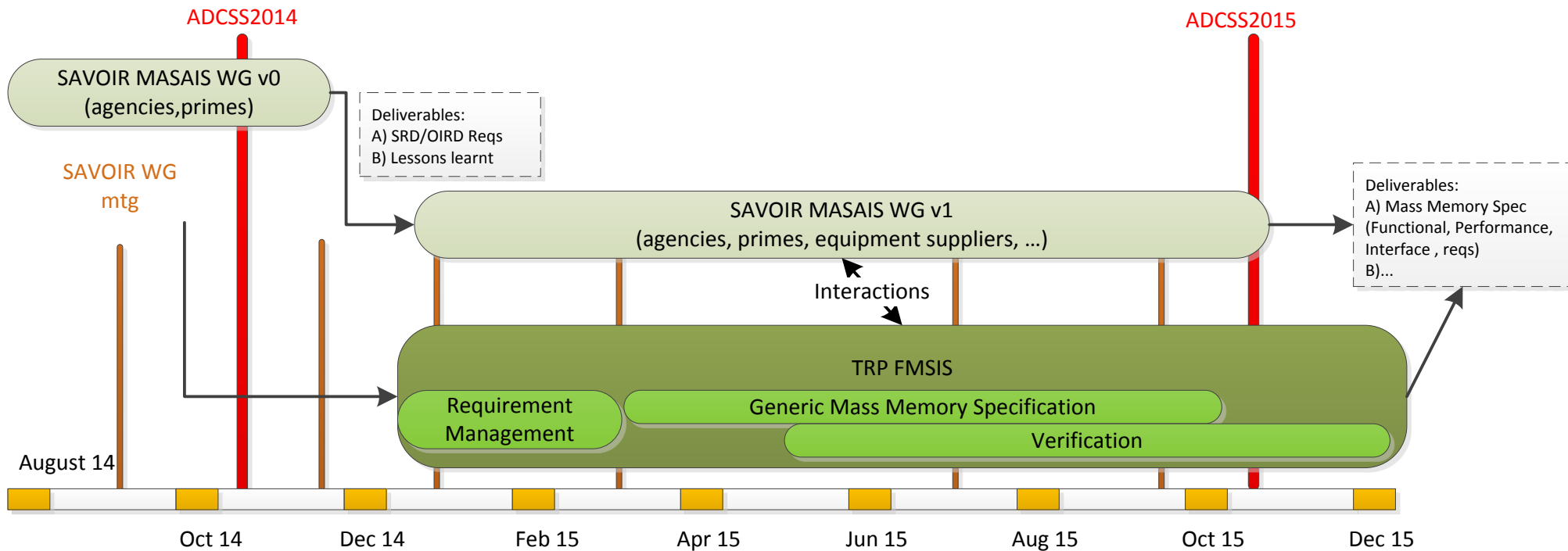
SAVOIR-MASAIS Members



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Savoir-MASAIS Planning



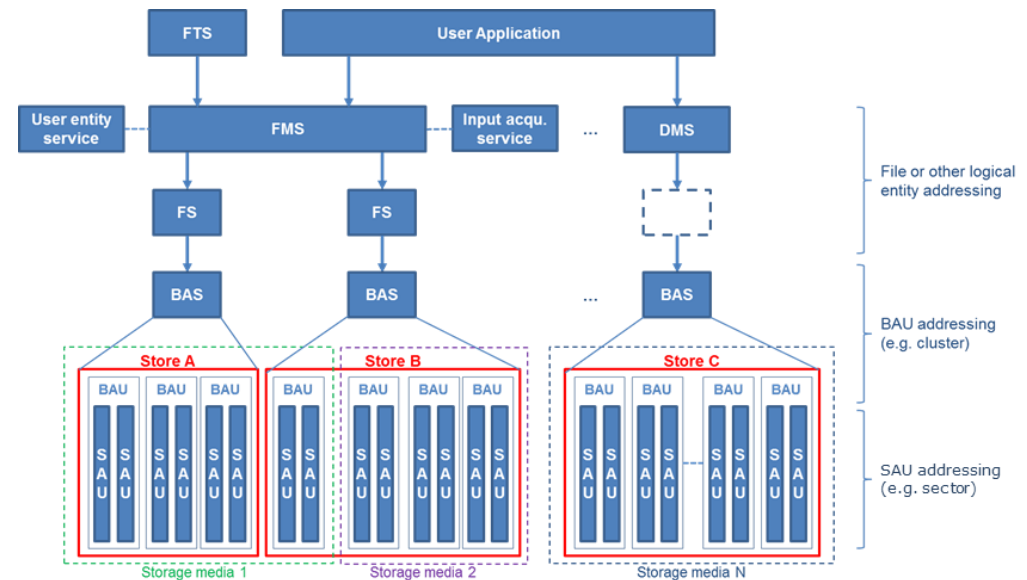
FMSIS TRP outputs

TN2: System Requirements (SRD/OIRD)



Topics

- Generic requirements
- Interface requirements
- Space-Ground File Transfer
- Organization
- Packet Management System
- Performances
- FDIR



Reviews

- SAVOIR-MASAIS review held
- SAVOIR Advisory Group to be held



FMSIS TRP outputs

TN4: SAVOIR Mass Memory specification



Topics

- Concepts
- Generic requirements
- Interface requirements
- Data Storage Organization (Store, File Store, Packet Store)
- File Management System Service (Definition, parameters, interface and concurrency management)
- Space-Ground File Transfer
- Performances
- FDIR

Reviews

- SAVOIR-MASAIS review held
- SAVOIR Advisory Group review to be organized
- Public review foreseen in 2016

