

SAVOIR

FEEDBACK FOR ADCSS 2024



Space AVionics Open Interface aRchitecture

SAVOIR – FEEDBACK (1/4)

/// Benefits/interests

- / Exchange freely on our concerns and interests with agencies and partners
- / Converge on the standardisation roadmap to anticipate interoperable solutions
- / Tackle new topics together rather than reinventing the wheel or avoiding youth issues
- / Knowledge of the ECSS current updates
- / Presentation of ITTs, TDE, Studies, GSTPs

/// SAVOIR documentation utilisation (specs/handbooks)

- / OBC specification
- / Boot specification
- / RTU specification
- / UART specification
- / Execution Platform Functional specification
- / Automatic code generation Vol 2 specification
- / GOIRD

SAVOIR – FEEDBACK (2/4)

/// Drawbacks/problems

- / Many documents not used
- / Worldwide Space market which is evolving daily since 2015 making very difficult to align frequently SAVOIR
- / Some working groups are identified but finally not started, some fully rebooting without quick win objectives
- / Less face to face meeting to stimulate/facilitate exchanges and optimise production however since COVID visio is frequently promoted, eco-responsibility wrt travels and self funding reduction wrt harsh international competition
- / Meeting scheduling

/// Open point

- / SAVOIR Documents, if set as applicable would increase the subcontractors & development cost
 - Could they remain as reference documents only? So along the development a compliance report can be provided

SAVOIR – FEEDBACK (3/4)

/// Improvements requests/suggestions

- / Formal requirements with associated compliance templates would be welcome
- / Balance efficiency wrt completeness
- / More dissemination: Focus on the promotion of existing documents when they are confirmed to be valuable for the solution providers
- / FDIR handbook is becoming an Applicable Document but it is fastidious to apply all reviews, a sub-tailoring is necessary

SAVOIR – FEEDBACK (4/4)

/// Perspectives, new orientation proposals

- ! Include new technology inside the reference architecture
- ! Tackle architectures with stringent safety/reliability requirement for manned rated mission in an international context

/// Should SAVOIR continue? YES/NO/WITHOUT OPINION

- ! YES