Sensor / Actuator aspect of the reference architecture (SAFI)

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The AOCS functional chain has a particular importance in the avionics, because it implements many communications with various avionics equipments. This impacts directly the software architecture, but also the system integration. In order to streamline both, SAVOIR has dedicated a specific working group to rationalise the functional interface of sensor and actuators.

The presentation will highlight the needs for this standardisation, the expected benefits, and the opportunity offered by the SOIS standards as an appropriate software architectural solution. It will show the first tentative results of the working group in terms of rationalized functional interface, and will open the perspective for future work with the S/A suppliers.