Hosted P/L interfaces

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Airbus DS has a long experience of hosted payloads on telecom commercial satellites, with recently the four ESA hosted payloads on Alphasat and the EDRS-A mission hosted on a Eutelsat spacecraft. Hosting non-telecom instruments on a telecom commercial bus requires to address specifically the technical requirements and programmatic constraints associated to the instrument. A good way to mitigate the risks associated to these constraints is to identify the interfaces which can be standardized, especially within the avionics architecture.

This presentation will address the current initiatives for interface standardisation of Hosted Payload with a focus on Avionics.