

**Thierry Cornilleau (Dassault Aviation):** *Dassault Aviation feedbacks on its military and civil IMA applications*

This presentation describes two operational applications of IMA, made by Dassault Aviation as system integrator, on its aircraft families. The first one is the MDPU (Modular Data Processing Unit), an IMA dedicated to military mission systems. This solution has been jointly developed by Dassault Aviation and Thales and is based on ASAAC (Allied Standard Avionics Architecture Council) IMA concepts. It is currently used on Mirage 2000-9 and Rafale. The second application is EASy, the certified IMA used on Falcon families (F900, F2000 and F7X). This IMA is an adaptation of the IMA Primus Epic from Honeywell.

The presentation gives also lessons learned from these two cases, from different points of view (industrial sharing, specification, development, integration) and lists some next challenges for future applications.