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Abstract

AIRBUS has utilized the DELMIA Dassault Systèmes platform for a number of years to support the latest manufacturing assembly processes across its global facilities. In times of rising quality requirements, shortening lead times, increasing cost pressure and the demands for higher accuracy greater emphasis is being placed on optimizing assembly processes and confirming manufacturability in the early stages of development. AIRBUS Research and Technology are utilizing the DELMIA virtual tools within a variety projects to ensure an optimized assembly manufacturing solution is delivered to future programs for inclusion in their process. The presentation will focus on how AIRBUS transnational Research and Technology projects such as ALCAS, NGCW (Hi_Vol), PKA³, IW_WAG, AARDSNAKE, REFLEX and PROEE are utilizing and developing a collaborative manufacturing platform to realize an optimum manufacturing assembly solution with the support of a network of partners and suppliers.