Zodiac Arresting Systems America Case Study

Proficiency speeds the migration of legacy data from Solid Edge to CATIA

Challenge

Zodiac Arresting Systems America designs and manufactures arresting technology for ground-based runways and aircraft carriers, as well as UAV launch and recovery gear.

To improve engineering design productivity on their complex products, Zodiac Arresting Systems America decided to standardize on CATIA V5 as their design platform. They already used SmarTeam as their single data management system, so changing to V5 required Solid Edge models and drawings to be extracted, converted to V5 and loaded back to SmarTeam.

Solution

An initial consultation with PLM solutions partner, Inceptra, and International TechnetGroup Incorporated (ITI) laid the groundwork for a successful CAD conversion process. Zodiac Arresting Systems America chose ITI’s Proficiency as their CAD conversion solution. The team tested migration options to mitigate inherent risks found when moving CAD data between dissimilar CAD design tools. The process ultimately allowed Zodiac Arresting Systems America to work natively with their data in V5, immediately after completing training.

Result

Within three weeks Zodiac Arresting Systems America converted a large set of their legacy data using Proficiency, making the immediate use of V5 possible. The mostly automated data migration using Proficiency maintained feature history, enabling users to work on the preferred V5 design platform rather than reverting back to the previous design platform, Solid Edge.

Lockheed Martin photograph by Tom Reynolds

Proficiency’s swift feature-based migration of Solid Edge data to CATIA made it possible for Zodiac Arresting Systems America to standardize on one CAD system.

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