

A close-up photograph of an aircraft's cockpit area, showing the canopy and fuselage. The canopy is dark and reflective, with two seats visible inside. The fuselage is metallic and has various panels and rivets. A sign on the fuselage reads "RESCUE" and "OPENEN COCKPIT IN NOODGEVAL".

PROJECT REPORT

JANICKI INDUSTRIES

Efficiency in production with SAP PLM, Engineering Control Center and the integration of CATIA V5 and NX

PROJECT AT A GLANCE

THE CHALLENGE

Being able to produce high-precision parts for the aerospace, marine, wind energy and transportation industry plays the key role for Janicki Industries. CENIT North America took the lead role in implementing SAP PLM together with ECTR, CATIA V5 and NX CAD integrations, which were crucial to meet the advanced CAD tools required by their customers.

THE SOLUTION

As Janicki had not implemented any SAP program before the start of this project, this was the first necessary step for a successful implementation. With CENIT as development partner, Janicki was then provided with installation and configuration of ECTR with CATIA V5, while DSC took care of the NX CAD integration. Moreover, CENIT North America implemented one of its own collaboration products EnCo 4.4. Engineering Control Center was chosen as the CAD integration for both NX and CATIA V5 in order to allow all users to have the same Graphic User Interface for each CAD system.

BENEFITS

The main benefits archived for Janicki Industries by this project is the improved efficiency, as well as the reduced time needed in designing 2D and 3D models. The models and documents are now directly linked to the parts and real time changes can be made to 2D/3D models by using different CAD systems. Furthermore, the status network is available to identify the status of different models/parts. Particularly the Graphical User Interface is now very user friendly for all implemented CAD systems.

WHY CENIT

Steve Lynn emphasizes the good cooperation between Janicki and CENIT, as well as CENIT and the other partners involved in this project. *"We are very glad in choosing CENIT North America as the lead of this project as they have a vast experience in implementing CAD project but also put their focus on user workshops to ensure perfectly implemented change management processes"*, says Lynn. *"Thanks to the excellent training our staff received from CENIT experts, we were able to implement the solution and adapt to the new process quickly. Our main focus was always the assurance and enhancement of our process and production efficiency. The implemented solution brings us much closer to this goal."* Even though the short project timeline was a hurdle to overcome, the collaboration of Janicki International, CENIT and the other partners ensured a smooth implementation that was quickly accepted by its approximately 50 users.

ABOUT JANICKI INDUSTRIES

Janicki Industries is an engineering & manufacturing company specializing in composite & metal parts, tooling & prototypes for aerospace, military, marine, architecture & other industries.

Janicki Industries is an engineering supplier of composite parts, tools and prototypes for aerospace, marine, energy, architecture and transportation.

ABOUT CENIT

CENIT is your partner for successful digital transformation. With a broad solutions and services portfolio, CENIT enables clients to optimize their horizontal and vertical business processes.

CENIT has over 700 employees worldwide who work with customers from: automotive, aerospace, industrial equipment, tool and mold manufacturing, financial services, and trade and consumer products industries.

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