

Case study

Company Aircraft Industries, a.s. heading for the clouds with the help of the Infor LN system

Just say it like



Aircraft Industries

15 L 410

aircraft will be produced annually by Aircraft Industries thanks to the Infor LN system

21,000

parts list items are planned by Infor LN for each aircraft

310,000

pieces of rivets will be issued by storekeepers at Infor LN for each aircraft produced

Key requirement

Maximum control over the management of each order

Aircraft Industries, the largest manufacturer of transport aircraft in the Czech Republic, has more than eighty years of aircraft manufacturing tradition behind it. During its existence, it produced more than 8,000 airplanes, which it exported to more than sixty countries around the world. The flagship product is the L 410 series aircraft in many different modifications. Recently, the development of a new version of this aircraft under the designation L 410 NG with improved operational parameters, especially higher payload, longer range and innovative avionics, was completed.

The production of each aircraft is a unique process in which everything must be under absolute control. The reliability of every manufactured aircraft depends on compliance with all prescribed procedures down to the last detail. Tracing and records of used parts and materials are key for the subsequent servicing of aircraft.

Ensuring warranty and post-warranty service is a condition of success for every aircraft manufacturer. That is

why it is important to have tools available for recording service orders and spare parts in connection with the documentation of each dispatched aircraft.

Solution

A proven system in the aircraft manufacturing industry

When choosing an information system solution, the proven deployment of the Infor LN system in the aviation industry, especially at one of the largest aircraft manufacturers, Boeing, was decisive. Other important factors were the full support of the Czech language and legislative environment and the direct representation of Infor in the Czech Republic.

The original implementation took place directly under the leadership of Infor. In 2019, Seyfor took over the reins of Infor's product support at Aircraft Industries and together they completed a reimplementation project, the main goal of which was the transition from the LN 6.1 FP3 system to version 10.5. This was followed by a project to transfer customizations outside the core of the system, thanks to which the company saved on licenses and prepared the system for the Cloud READY state. Seyfor thus became the main partner of Aircraft

Industries for the support and further development of the corporate information system Infor LN. The Infor LN system is implemented in all areas of business management and is a key platform for the management of the entire company.

Result

A robust information system supports the growth of the company

Deploying the Infor LN system brings key benefits to Aircraft Industries, especially in the areas of financial management, production and business management, and logistics. The production process is accurately documented, and with continuous change management, the responsible personnel have a detailed overview of each piece of material and each manufactured part used in a specific aircraft.

Due to the large number of parts, Aircraft Industries highly appreciates material planning in Infor LN. Tracking waste in production then increased the use of expensive

materials. Cooperation with cooperating companies and records of issued and received processed material are also subject to special procedures.

Servicing of previously produced aircraft is carried out in the subsequent Service module of the Infor LN system. This makes it easy to use previously collected data and maintain up-to-date documentation for each aircraft.

"Thanks to the efforts, today we are running LN 10.5 version without core customizations, which made it easier and faster for us to transition to the new version and our environment became Cloud READY."

"In the future, we are considering other projects to develop the system, which include the APS advanced planning module and the implementation of Infor OS."



Ing. Pavel Struhár
Head of the IT department

Main benefits



Each order is precisely recorded in the information system from its inception until the end of the aircraft's life cycle.



Tracking parts and materials is easy. Every part of the aircraft can be traced, as well as the material from which it was made.



Financial reports accurately reflect the actual state of inventory, work-in-progress and cash-flow.

Do you want a similar solution?

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Seyfor

Just say it!