

Case Study

The Aerospace Industry

Featuring a Major Airplane Manufacturer in the Southeastern United States



leadec

Project Overview

A major airplane manufacturer with over 1.5 million sq ft of facility space first began a service contract with Leadec in 2015. This manufacturer has extremely high standards for its technology, quality, and technical interfaces and has been trusting Leadec for its maintenance needs since it first began the partnership 8 years ago.

Leadec was brought on board to perform customized Production Equipment Maintenance that was capable of meeting the intricate needs of the manufacturer's sophisticated production systems. By partnering together, they aimed to maximize the performance and reliability of the equipment used in the production process.

Main Challenges

The biggest challenges for this contract:

- The implementation of service maintenance for the production equipment for aircraft assembly.
- There were many elaborate technical and IT-interfaces and high requirements in technology and quality.

Leadec's Solution

Beginning the PEM contract, Leadec implemented initiatives to improve maintenance operations. Leadec managed the tool control programs, a critical aspect in the aerospace field, by standardizing tool usage across production.

About the Client

Client industry: Aerospace



Leadec customer since:

2015

Combined size of plants/facilities:

1,500,000+ sq.ft.

Major need:



Maintenance and management of their production equipment

They managed the manufacturer's assets to ensure equipment availability on the production floor. Leadec technicians also took over maintaining the ground support equipment fleet. Preventative maintenance was scheduled to maximize uptime and minimize disruptions.

Leadec was able to aid in the development of detailed machine histories to identify opportunities to optimize maintenance schedules and reduce unplanned downtime. Key performance indicators like reaction time, downtime events, and overall equipment effectiveness were monitored throughout the life of the contract for continuous improvement.

Services Provided



Planned jobs and project completion maintenance



Ground support equipment maintenance



Management of assets and the tool control program



Management of production equipment work orders

The Delivered Results

Following Leadec's service, the aerospace manufacturer saw a multitude of improvements.

- They were able to focus on downtime reduction, reaction time, and technical availability.
- They developed a machine history that enabled the optimization of maintenance and production processes.
- The manufacturer recognized a remarkable \$3m in annual savings.

Our team of experts is ready to help manage your facility, so you can focus on what matters. We can tailor contracts to fit what your factory needs. Visit our website to learn more about our Production Equipment Maintenance services.

We take care of your plant so that you can concentrate on your core business.

About Leadec

Leadec is the leading global service specialist for factories across their entire life cycle and related infrastructure.

The company, which is headquartered in Stuttgart, Germany, employs about 22,000 people worldwide. In 2022, Leadec earned sales of around €1.1 billion. For 60 years Leadec has been supporting its customers along the entire production supply chain. The service provider is based at more than 300 sites, often directly at the customers' plants and facilities.

The Leadec.os digital business platform is used to record all processes end-to-end and integrate further digital service solutions.

Leadec has been a reliable partner for the aerospace industry for over 30 years, serving a wide range of customers worldwide across the entire life cycle of their portfolio.

To meet our clients' changing needs we have developed an effective, efficient and scalable IFM model so that we can deliver all of the support services and free our client to focus on their core mission.

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