



CASE STUDY

Remote and On-Site Maintenance Support

ATS Quickly Resolves a Complex Programming Issue for Major Aerospace Manufacturer

A leading aerospace manufacturer was struggling to diagnose a failed CNC machine that was causing excessive downtime. After retaining ATS for remote maintenance assistance, a team of subject matter experts determined the potential root cause over a brief teleconference. An ATS technician was deployed on site and had the machine running within hours.

Customer Challenge

Faced with an unfamiliar mechanical issue, a leading aerospace manufacturer was experiencing turbulence in the plant. The company's CNC machine had been down for weeks and was directly impacting operations and production output. Lacking on-site technical support, the team could not identify the root issue and properly restore the machine. What was once an asset had become a hindrance that resulted in ongoing downtime, confusion and reduced operational capacity.

ATS Solution

The company had recently signed a long-term maintenance agreement with ATS. However, when this particular issue arose, ATS technicians were not yet on site. Electing the help of its new maintenance partner, the company called ATS after spending weeks trying to fix the problem internally with no success.

ATS maintenance support immediately engaged its Subject Matter Expert (SME) Network and Technician Hub. Using the current machine as a reference point, the team searched through its proprietary database and found several similar machines that ATS services in other factories. From there, ATS assembled a team of SMEs that frequently work with these specific types of machines.

The SMEs spoke with the aerospace manufacturer over a teleconference to ask questions and fully understand the issue. Within 45 minutes, the team had agreed upon a likely root cause and believed that the problem stemmed from a programming error. Two of the SMEs had encountered similar programming issues in the past and one of those technicians was deployed to the client's factory.

Once on site, the technician was able to confirm the programming issue and perform the necessary repair. Within a couple of hours, the machine was up and running again at full capacity. The technician spent the rest of the day assisting the client with other mechanical issues in the factory.

AT A GLANCE

- Major aerospace manufacturer faces unfamiliar mechanical issue in the plant
- Excessive downtime reduces operational capacity and hinders operations
- ATS steps in and leverages internal resources to identify key subject matter experts
- SMEs establish potential root cause via teleconference and technician is deployed on site
- Technician corrects programming issue within hours and performs other repairs per the client's request
- Machine is fully restored with minimal costs to client

Bottom-Line Success

The failure of this critical machine was directly affecting the company's bottom line. In restoring the machine to full capacity, ATS brought the manufacturer back up to speed in minimal time. Leveraging its key internal resources, ATS was able to save the client significant time and money by quickly connecting them with the right experts.

This experience validated the client's reasoning for beginning a long-term partnership with ATS. After seeing how quickly ATS was able to manage and navigate the problem at hand, the plant manager thanked the team and technicians, saying, "As you can tell, we really need ATS."

"As you can tell, we really need ATS."

– Plant Manager, Leading Aerospace Manufacturer

To learn how ATS can impact your bottom line, visit www.advancedtech.com

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ATS

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