

Voestalpine Stahl, Austria

High flexibility and serviceability
with SPPA-T3000 Virtual

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The Plant

Voestalpine Stahl is one of Europe's most modern steel mills located in Linz, Austria. The plant processes an annual total volume of more than 2 million tons of steel strip and heavy plate.

The Task

The main objective of the project was to modernize the existing 35 MW GE gas turbine with the ultra flexible and highly available Siemens Energy control system SPPA-T3000. Thereby, the SPPA-T3000 system was meant to be integrated into the existing virtualization infrastructure of the customer.

Our Solution

The automation level of SPPA-T3000 was implemented based upon the following modules: Automation Server AS-S7, PROFINET based E / A system ET 200SP HA Technology modules for turbine control, Vibration & Protection with VIB3000. For the application layer of SPPA-T3000, a virtualization cluster hosted by Voestalpine Stahl was deployed. Not only does it include the redundant Applications Server, but also the Security Server, Terminal Server and 4 Thin Clients.



" This is a major step forward! The untraceable becomes traceable - thanks to digitization and end-to-end systems."

Harald Rehberger, Group Coordinator
EMSR Power Plant

Your Benefits

One of the compelling aspects in favor of SPPA-T3000, in addition to the hardware-independent solution that facilitates lifecycle management, was

- the ease of integrated engineering, improved flexibility, scalability, and reduced service requirements
- as well as the harmonized data infrastructure for IT and OT.

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