

ANDRITZ AG

Based in **Graz**, Austria, the **Andritz Group** is a technology-centered company with global operations. The company develops high-tech production systems and industrial process solutions for various standard and highly specialized products.

The Group has **16 production/service facilities** and more than **80 affiliates** and distribution firms worldwide. On Sep, 30th 2004, the Andritz Group employed 5,137 people.

The construction department uses Autodesk Inventor, Autodesk Mechanical and Pro/E.

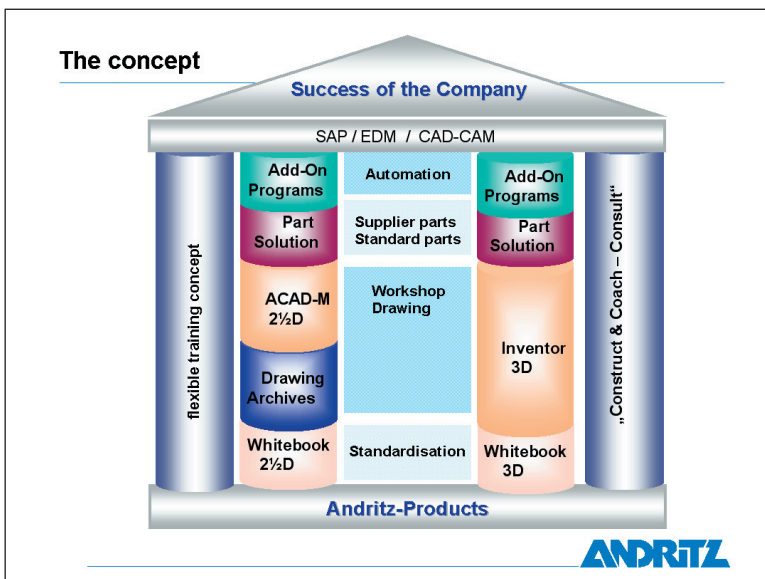


Claudius Stieber
IT Projects & Controlling
Andritz AG

THE PROJECT

The default standard parts of the CAD system Inventor didn't reach the requirements of Andritz' engineers by far. Further it was important to integrate the catalogs of regular suppliers close to CAD and at a central point. For implementation of PARTsolutions, the system vendor E&S IT Consulting was responsible, caused by deep confidence and a long-time well collaboration. CADENAS and PARTsolutions also were positive well-known names for the persons in charge of the project.

Even though a big number of orders had to be served, the implementation of PARTsolutions at the location Graz succeeded in a very short time. Thanks to a big personal commitment of involved project leaders and the courage to implement a new system, an innovative solution was realized. The smooth and quick implementation of Inventor and PARTsolutions signifies Andritz' access into the world of 3D. Any existing project could be handled on schedule and without problems without disadvantages for any customer. An in-house training concept completed the installation of PARTsolutions and helped the engineers at the first steps with PARTsolutions in combination with Inventor.



FUTURE: For 2005 the roadmap defines an upgrading of PARTsolutions for AutoCAD Mechanical and Pro/E as well as the integration into SAP linked with EDM systems. Furthermore in the near future any relevant norm and supplier part will be included in the PARTsolutions library. Therefore, reducing the constructing cycle time and providing a featured benefit that enhances the 3D process in a positive way.

BENEFITS

The big benefit of PARTsolutions at Andritz is in first line the supply and use of several standard parts and connections conforming to standards from the screwed connection tool PARTconnection. Within a few weeks noticeable cost reductions were realized.

Significant ease was made in CAD support, which is responsible for the supply of CAD geometries. Andritz' advantage with PARTsolutions is, to have the necessary 2D/3D geometries of regular suppliers native and ordered in a library in future. Hitherto parts of supplier catalogs were stored decentralised at the respective subsidiaries. Thus together with procurement department, a further project will be the integration of regular supplier data within PARTsolutions.

PARTSOLUTIONS

PARTsolutions on the one hand is an extensive norm and supplier part library that supplies norms and standard parts, product catalogs, assemblies and company specific norms for any CAD in the native format. Any part supplied by PARTsolutions is intelligent, that means there is much more information within a part than just the geometries. Integrated tools like shaft generator, screwed connection tool or calculation assistants vastly speed up the work of engineers.

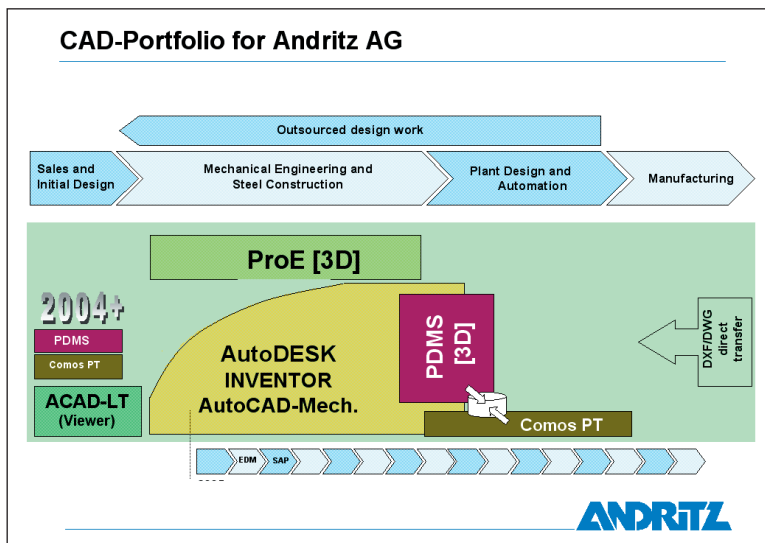
On the other hand PARTsolutions can be upgraded to a real parts management system by linking the part library to existing ERP/PPS or PDM/PLM systems with standard interfaces. The advantages of this constellation are easy and secure administration of any part in company, a role specific view/access of employees on parts as well as cost reduction caused on a doublet reduced, slim part portfolio.

»An alternative to PARTsolutions never came in mind. We counted on good experience of E & S IT Consulting and we're very happy with the implementation.«

Claudius Stieber
IT Projects & Controlling
Andritz AG

»In the near future any relevant norm and supplier part of our regular suppliers should be included in the PARTsolutions library. Thereby the reduction of constructing cycle time will be a benefit that enhances the 3D process in a positive way.«

Claudius Stieber
IT Projects & Controlling
Andritz AG



ANDRITZ

Andritz AG

Stattegger Strasse 18

8045 Graz

Austria

Phone: +43/(0)316/6902-2700

Fax: +43/(0)316/6902-92700

<http://www.andritz.com>

CADENAS Technologies Austria GmbH

Traunfer Arkade I / 3th floor · A - 4600 Thalheim bei Wels

Phone: 43/(0)7242/93963500 · Fax: 43/(0)7242/93963509

info@cadenas.at · www.cadenas.de

PART[®] SOLUTIONS