

# APplus MECHANICAL AND PLANT ENGINEERING

CER Center for  
Enterprise Research

ERP SYSTEM  
OF THE YEAR **2015**  
MACHINERY AND PLANT  
MANUFACTURING

Optimizing the flow of  
production, improving service,  
increasing competitiveness.

APplus is a comprehensive industry solution precisely tailored to the complex requirements in mechanical and plant engineering. APplus enables you to integrate and control all of your company processes, enabling you to expand your competitive advantages and significantly reduce costs. APplus is based on the experience we have gained in our many years of collaborating with over 1,500 customers.

From manufacturing to management, from product sales to service, all components of our industry solution work together seamlessly. They support production models for make-to-order, make-to-stock and project-related production and service while promoting the vertical integration of the production area with the rest of the production environment.

APplus can tighten up processes in expanded enterprises, accelerate product innovations and shorten production lead times. Moreover, the solution contributes to the optimization of customer service. Thanks to the comprehensive support, you can be confident that you are developing and marketing the right products at the right price.



#### **PLM/CAD integration**

PLM integration enables homogeneous access to development and production data. After being released, BOMs created in the CAD system are immediately available in production. The cross-department process is ensured. The web service architecture of APplus pays off particularly in these areas. APplus gives design engineers and production scheduling employees access to information that is up-to-date and consistent for everyone involved – even though each department operates solely with its own legacy system: Design engineers use CAD and the integrated EDM/PDM system, and the employees in scheduling or procurement use the PPC module from APplus.

#### **Make-to-order production**

For make-to-order production, a product is manufactured only if expressly desired by a customer. APplus provides you with ideal support here in the planning and utilization of operating materials and personnel resources.

#### **Product configuration / variants production**

Variants production companies value the performance capability of the product configurator from APplus: Alternative line items in BOMs or routings, simple formulas for variations in quantity or size are already covered by the base system. Beyond this, complex product logic for the sales and production area can be mapped consistently. New technologies such as XML and C# let you reach

previously unknown levels of flexibility and productivity in designing product-descriptive logic. Users oriented more towards traditional applications can also rely on the tried-and-true tool of decision tables. The list of characteristics [according to DIN 4000] from APplus is also frequently an important streamlining tool for variants production companies. It enables appropriate parts to be located quickly during development, thereby reducing the diversity of parts.

#### **Evolving BOMs**

Often when an order is submitted or accepted, the particulars of how the production article in question is built still have not been specified. However, production has to begin even before all product data is at hand and the BOMs have been broken down to the lowest level. APplus enables you to establish an evolving BOM that you can successively expand by adding all customer data in order to design the item.

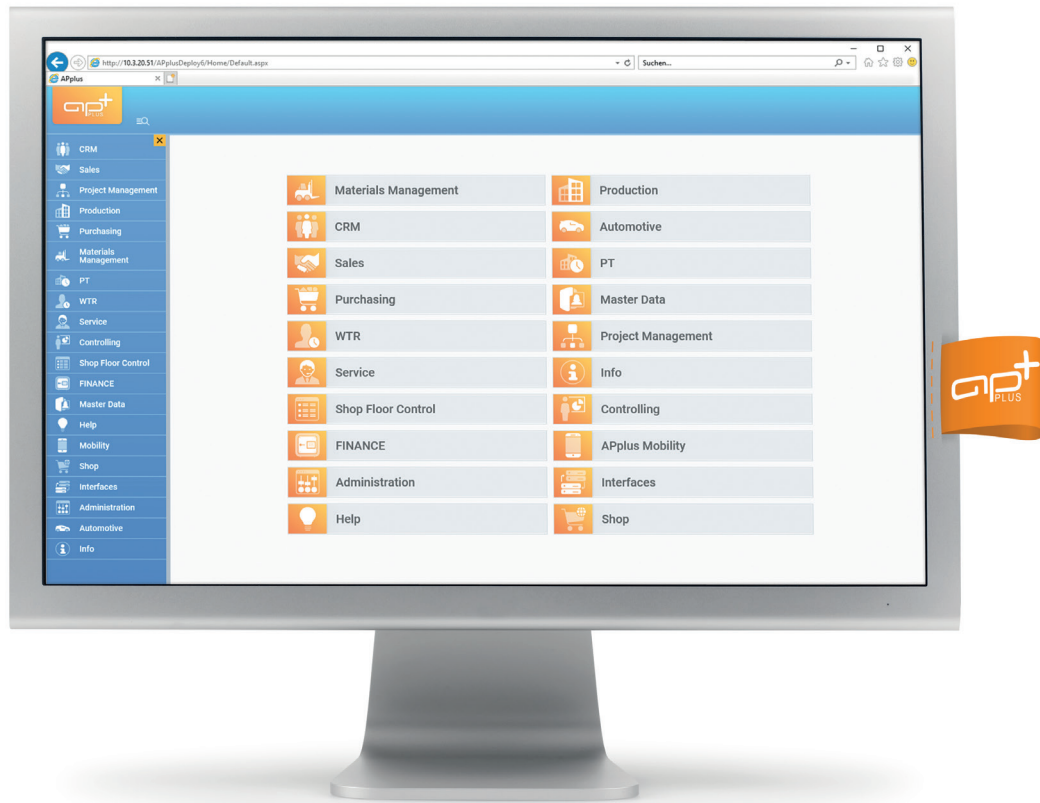
#### **Project planning**

As part of project planning, APplus supports all planning work processes ranging from the quotation phase to the complete commissioning of the control system or machine.

#### **Project and product costing**

The extensive costing functions provided by APplus are of great importance for optimizing the production process and for business success. Detailed, production-oriented





preliminary costing, concurrent costing and final costing, including detailed variance analyses, meet all requirements. Contract manufacturers in particular value the options for assigning all costs directly to the pegged order: Stock material, inhouse production, external production and even all order-related procurement transactions including all additional costs to be charged. Repetitive manufacturers are usually more likely to use standard cost accounting, which APplus offers as an alternative.

## **Consistent solution for controlling all company processes**

However, APplus does not just fulfill industry-specific requirements of mechanical and plant engineering in an exemplary way, but also supports all business processes in mid-sized production and trade companies. Customer relationship management, E-business, knowledge organization and supply chain management are integral components of APplus. This allows APplus to cover all commercial function areas with the same convenience of use using a uniform Internet technology.

## **Flexible adaptability**

The ERP<sup>®</sup> solution APplus features easy adaptability to customer-specific requirements. An extremely convenient client design allows use in complex company corporate structures. APplus utilizes the scalability of Windows Server 2012 to encompass a wide range of enterprises, from a small business to corporations with multiple locations.

## HIGHLIGHTS

- Forecast costing
- Product configurator
- Payment plans
- Sales bills of materials
- Leasing module
- Traceability for every point in time
- Service and warranty module
- Mobile service support
- Evolving BOMs
- PLM/CAD integration
- Graphic planning tables

Dynamic adjustment to various language environments and the optimal ASP capability ease use beyond country borders. The completely browser-based user interface allows the use of APplus with any access system. Leaders in technology APplus is an Internet-based enterprise solution (user-centric ERP system) for small and medium-sized production, service and trade companies that was developed entirely using state-of-the-art web technologies (HTML, XML, Web Services, SOAP) based on Microsoft .NET.

## An award-winning solution

ERP made easy. This philosophy has earned us many awards for APplus in recent years. From the .NET Solution Award for the best application solution worldwide on the Microsoft platform up to the title „ERP System of the Year“ from the University of Potsdam.

## Well-founded industry and process expertise

Our consulting experts have well-founded industry and process knowledge and many years of experience in the project management area in trade. They guide you in all project phases from industry-specific business process consulting to finding a productive solution as well as optimization and maintenance.

## Asseco Solutions has offices in the following locations:

### Headquarter

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### Austria

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Vienna

### Switzerland

Urdorf

### Italy

Bolzano

### Czech Republic

Prague

### Slovak Republic

Bratislava

### Central America

Guatemala

[assecosolutions.com](http://assecosolutions.com)

[applus-erp.com](http://applus-erp.com)

**ASSECO**  
SOLUTIONS

## ADDED VALUE THROUGH APplus

- Increasing sales by 15 %
- Reducing the purchasing process time by 40 %
- Reducing throughput times in production by 12 %
- Decreasing inventory by 22 %
- Liquidity increase through targeted customer and vendor management by 17 %
- ROI in 8 to 14 months

## Asseco Solutions in numbers.

-  810 employees
-  18 locations
-  7 countries
-  1,731 APplus customers

