



## ebm-papst : Improving Product Development with SAP® Engineering Control Center

Compact fans create air flows to keep things cool deep inside steel housing where delicate electronic components whirl 24x7. Without them, machines would overheat and chaos would result, to say the least. A big name in keeping electronic parts cool – and running – is German-based ebm-papst St. Georgen GmbH & Co. KG. Its production of the compact fan involves a complex process that spans managing investments, budgets, projects, and product master data. The SAP® Product Lifecycle Management (SAP PLM) application helps it empower stakeholders company-wide to collaborate on complex product change processes.

To integrate the diverse CAD design tools it needed, ebm-papst leveraged the SAP Engineering Control Center integration tool, part of its SAP software environment.

The tool facilitated smooth functioning across core PLM processes. Its intuitive user experience made it simpler for designers to perform their tasks. Working closely with partner CENIT, ebm-papst achieved superior performance to drive engineering efficiency, just the way its fans operate.



Picture Credit | ebm-papst St. Georgen GmbH & Co. KG, St. Georgen, Germany. Used with permission.



# Improving product development

## Company

ebm-papst St. Georgen  
GmbH & Co. KG

## Headquarters

St. Georgen, Germany

## Industry

Industrial machinery  
and components

## Products and Services

Fans and drives

## Employees

1,750

## Web Site

[www.ebmpapst.com](http://www.ebmpapst.com)

## Partner

CENIT  
[www.cenit.com](http://www.cenit.com)

## Objectives

- Replace its legacy system with a modern solution for CAD handling
- Optimize the entire product development process
- Use innovative tools and functionalities within the SAP® Product Lifecycle Management (SAP PLM) application

## Why SAP

- Existing SAP ERP application at customer site
- SAP Engineering Control Center integration tool, which is integrated with SAP PLM and unifies programs, data, and processes in product development
- Strategy to build on the known SAP software environment and its solution functionalities

## Resolution

- Implemented SAP Engineering Control Center for a multi-CAD project with consulting support from CENIT
- Went live with productive software in cooperation with CENIT

## Future plans

- Integrate SAP Engineering Control Center with Inventor 2016
- Implement additional functionality of SAP Engineering Control Center, such as manual document conversion
- Use the latest SAP PLM software functionality

## Reduced

Waiting time thanks to  
background handling of  
linked parts

## Integrated

Functionality across  
PLM applications

## Extensible

User interface and  
custom functions

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"SAP Engineering Control Center is a very powerful and user-friendly tool that increases our engineering efficiency. CENIT is a reliable project partner. In time, quality, and budget, we got top ROI from the service and the software."

Bernd Steinwandel, SAP Application and Process Engineer, ebm-papst St. Georgen GmbH & Co. KG

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