



# REDUCED RANGE OF PURCHASE PARTS

## With The Classification Tool BCT aClass

### Siemens Healthcare successfully reduces purchase part range

Siemens Healthcare is one of the largest technology providers for the health industry and one of the leading producer of healthcare solutions. The comprehensive portfolio comprises imaging medical technology, laboratory diagnostics, therapy systems, hearing aids, as well as healthcare IT and infrastructures. With development sites in Germany, USA, China and India, the company is represented throughout the entire world, contributing for more than 166 years to the health of mankind.

#### Initial Situation & Challenges

As an international company, Siemens produces its healthcare products at different sites all around the world.

Thus, the products are subject to very individual and specific requirements and the purchased parts are being used at different production sites.

Based on the resulting large range of purchasing parts in mechanical product development, the company was facing huge challenges.

A solution had to be found, allowing a better management of the fairly large amount of purchase parts.

At the same time, the company was in the process of replacing its CAD system I-DEAS with NX.

The implementation of the classification tool BCT aClass, a most efficient and flexible classification solution for the Teamcenter environment, successfully solved the existing challenges.





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## The Key to Success

With the implementation of the classification tool BCT aClass into the existing system environment with Teamcenter and NX, significant improvements were achieved.

An important step to the management, classification, control and purchasing of the parts was the setup of a purchase parts library within BCT aClass.

The search effort was significantly reduced by the implementation of this library, which contains relevant technical search and selection criteria.

The filter functionality in BCT aClass allows the definition of a restricted range of components.

The implementation of a project, department or site specific filter reduces the purchase parts range enormously.

The also implemented automated alignment of the parts status with SAP enables Teamcenter to directly and automatically retrieve the information from the SAP database.

### Results Overview

By implementing BCT aClass tangible improvements were achieved:

- 60 percent reduction of search effort for parts.
- Up to 91 percent reduction of part spectrum for screws.
- Continuous status control for all parts of an assembly with BOM Check.

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The global filter functionality in BCT aClass allows flexible multi-stage

standardization of our purchase part range.“

*Dr. Florian Schüssler, Coordinator of the Standardization Board for the Business Unit Components & Vacuum Technology at Siemens Healthcare*

