

BCT ERP-Connect

Multipurpose solution for connecting enterprise resource planning (ERP) systems to Teamcenter product data management (PDM)

The integration of product lifecycle management (PLM) into a company's processes includes the linking of product data with order processing data. Although financial and design information is concerned with different key aspects of a company, smooth communication between these is important for the company's overall success. BCT ERP-Connect is the link between the technical world of PDM and the commercial ERP data and it provides a reliable, secure and practical interface which can be implemented ootb (out-of-the-box).

The advantage of BCT ERP-Connect is the standardized and open communication structure between the two systems. Both systems can use this interface to exchange bidirectional product and part status information. This ensures that required information is available company wide in real time. Having this standard interface means that the complexity of a direct integration is avoided which provides shorter implementation time and minimized risks for updates to either system.

Basic functionality:

- Bidirectional out-of-the-box solution requiring a minimum of installation effort by having a complete preset configuration for Teamcenter Engineering, Teamcenter Express, Teamcenter Unified Architecture.
- PLM XML based data exchange or S.O.A. framework
- Support of automatic data transfer based on workflow action handlers (e.g. release process), scheduled updates or user demand
- Most descriptive product information is part of the standard configuration; flexible customizing is available for company-specific processes (e.g. for subcontractors)
- The typical required data for exchange is supported (e.g. articles, BOMs, accompanying documentation neutral formats, classification and characteristics, inventories, price information, status) as well as company specific data
- Support of new item creation and comparison of data to be exchanged (e.g. article, revision, BOM)
- Configurable list of status descriptions that can be set with the integrated status handling
- Centralized logging and monitoring
- Can be upgraded to a customer specific solution

