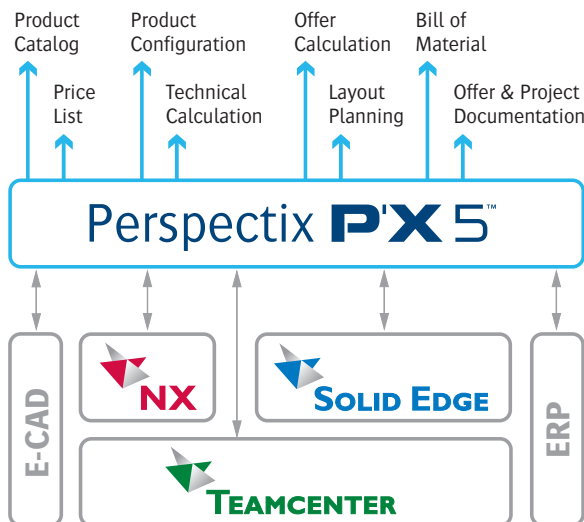


Extend the benefits of your UGS systems with P'X5™

With Perspectix P'X5, every enterprise can extend the benefits of their UGS applications and leverage the product data managed therein for the key customer-oriented processes of marketing, sales, basic engineering, and service.

Are your products and sales processes becoming increasingly more complex? Are you forced to create custom-specific variants and to generate convincing offers in an ever shorter time? Should engineering and sales seamlessly collaborate in project planning to gain competitive advantage in the global marketplace?

Then realize the benefit of standardization and modularization for technical sales and custom-specific engineering with Perspectix P'X5. Thanks to tight integration with UGS applications you will improve time-to-market and market success of your technical innovations.



Integrate your marketing processes with your PLM infrastructure using Perspectix P'X5

Maximized value from your UGS system

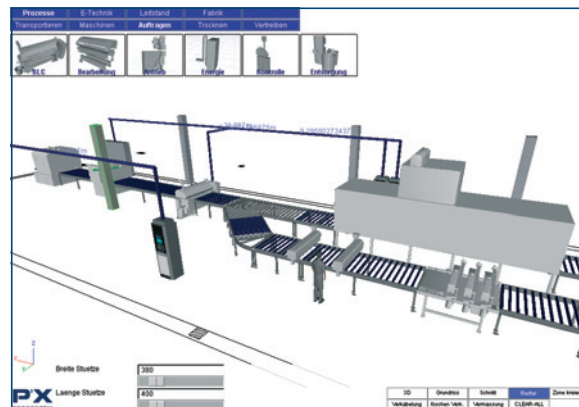
Due to a tight meshing of product lifecycle and customer interaction within P'X5, you increase the benefit of the 3D data and other PLM information managed by the UGS solution with no extra effort and no inconsistencies.

Product information for technical marketing

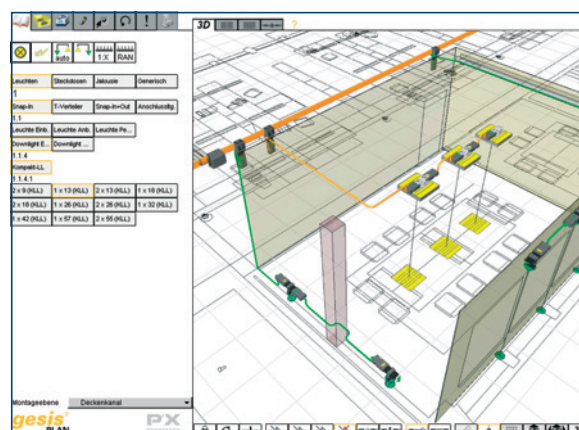
Technical data from Teamcenter are transferred via PLM-XML to P'X5 and combined with sales-relevant ERP master data. The portfolio specification in P'X5 turns product data into a sales taxonomy by integrating product standardization, modularization, pricing, catalog structures, and service elements into a unified view.

Product configuration with lightweight JT data

By using 3D visualization data in the JT format, P'X5 permits efficient machine and plant configurations that adhere to logical and geometrical conditions. Interactive consulting and attractive presentations for your customers are ensured.



Machine and plant configuration with P'X5



Electrical planning with calculation of current demand in P'X5

Knowledge-driven automation

In P'X5 the visual JT elements are enriched by product dependencies and constraints to reduce errors, as well as technical and financial risks. The P'X5 rule system keeps module, layout and project configurations consistent by a global validation of mechanics, cabling, piping, software, and services.

Mobile sales front-end for Teamcenter

With P'X5 you bring your product knowledge into your sales channels and to the customer front. Flexible data replication and synchronization mechanisms support distributed and mobile applications, improving iterative and multistage coordination processes between back office and field engineers, branch offices, sales partners, and customers. Online or offline offers generated by P'X5 are transferred as a detailed bill of materials back to Teamcenter, triggering your subsequent processes in construction, manufacturing, and assembling.



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P'X5 interfaces support a thorough integration with UGS applications. With only a few steps the CAD and PDM data from your UGS applications are transformed into product information relevant for sales engineering:

P'X5 Product Management Tool (PMT)

Within P'X5 PMT, technical product data from Teamcenter can be associated with logistical master data from the ERP and formed into a sales taxonomy. Through a graphical user interface, product master data are harmonized and classified, sales-relevant attributes are added, and standardized variants are defined. Product structures for sales assemblies, planning objects, and spare part sets can be modelled explicitly. Costs and prices are calculated according to the product structure and variants declarations. In addition to classification, product lines can be organized into catalog groups and exported to print & electronic catalogs.

P'X5 CAD Plug-in for NX

Using the P'X5 CAD Plug-in with the NX master model, product developers define the design intent of a part's potential composition within a modular building system. Geometrically specified and classified interfaces determine the allowed inter-connections between modular parts.

P'X5 Authoring Workbench (AWB)

Product modules, defined in NX and managed in Teamcenter, are transferred via JT to the P'X5 AWB and enriched with additional product knowledge. Conditional characteristics, constraints, rules, and calculations used in the P'X5 configurator are edited and tested with the P'X5 authoring workbench.

P'X5 Teamcenter Connector

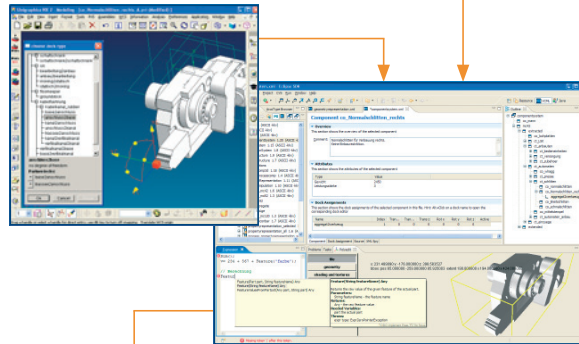
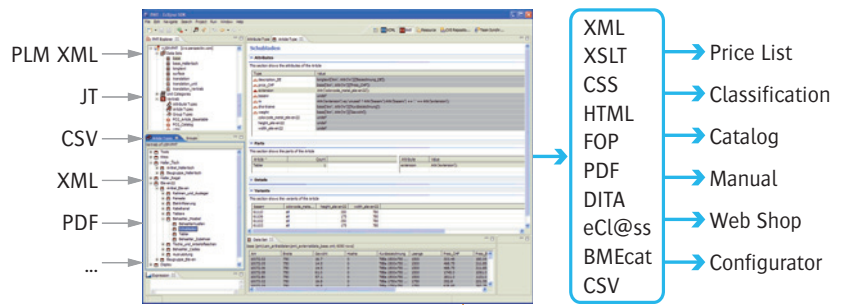
Master data and transactional data are transferred via bi-directional interfaces between Teamcenter and P'X5. The exchange includes documents and bills of materials.

P'X5 JT Import/Export

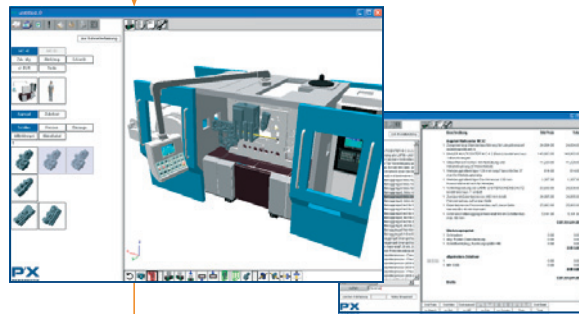
JT data from NX and SolidEdge are reused in the P'X5 3D catalog. After a configuration has been created in P'X5, the result can be exported as JT and sent back to CAD, PLM, and ERP applications.

Perspectix is a UGS Foundation Partner

Since its founding in 1996, Perspectix has continually developed as a leading provider of software solutions for sales and technical project planning of variant-rich products in engineering industries. Users of P'X5 profit from experience in varied complementary branches: mechanical engineering, plant construction, electro-technical engineering, and logistics systems. With the unique combination of sales optimization and Product Lifecycle Management, Perspectix is a strategic supplier for renowned manufacturers. The technological partner-

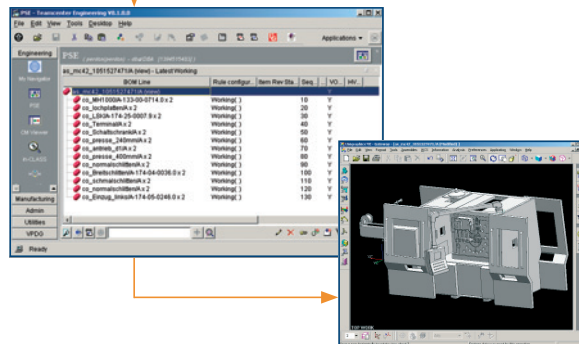


Editing of sales-relevant product information in P'X5 PMT



Definition of modules and interfaces in NX

Add and maintain product knowledge in P'X5 AWB



P'X5 Configurator and P'X5 Calculator in use for custom-specific sales engineering

Transfer of configuration results to Teamcenter and NX

ship with UGS – the leading global player offering software and services for Product Lifecycle Management – fosters the seamless integration of P'X5 with the UGS solutions. The partner agreement includes access to APIs and standard interfaces. Furthermore, Perspectix supports the open visualization format JT and is a member of the JT Open initiative. In addition to the complementary technology partnership, agreements exist with UGS and UGS partners to collaborate in sales and project services. Please contact us or your UGS reference person for further information.

