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Siemens PLM Software

Teamcenter supplier collaboration

Optimizing product design between OEMs and suppliers

Benefits
- Increase productivity and shorten time-to-market by including your supply chain early in the design process
- Reduce risk with traceability of supplier information managed in the context of your product BOM
- Improve the accuracy of offline supplier deliverables by ensuring version alignment and control
- Reduce rework costs with closed-loop integrated processes including the offline supply chain
- Increase visibility by enabling analysis, design reviews and decision making for the entire product

Summary
In a global economy, what you don't know about your suppliers can put you at risk. Regulatory and consumer scrutiny requires supply chain transparency. As your company creates more complex, quality products, it is critical that you have a complete view of your product, including information related to your supplied parts. Unless you have reliable and efficient methods for collecting and managing supplier data, your company is exposed to risks, such as noncompliance to industry and regulatory directives, missed delivery dates and market opportunities, and damage to your brand.

Collecting and managing supplier information can be an immense and labor-intensive manual task, especially when you are trying to reach the offline supplier base that only communicates via phone, email, or other non-managed methods. Using rudimentary collection methods can result in information that is inaccurate and quickly becomes out-of-date. Without the use of product lifecycle management (PLM) capabilities to enable collaboration with internal and external suppliers, this information is likely to be dispersed over multiple systems and out of synch with a product's bill-of-materials (BOM).

Siemens PLM Software's Teamcenter software® offers a new supplier collaboration framework, which can help your company stay on top of critical requirements for managing the supply chain. With the new supplier collaboration solution, all of the communication between Teamcenter sponsors and their offline suppliers can be performed using Teamcenter and an HTML5 web-based browser. For example, in the design data exchange use case, the sponsor using Teamcenter who wants to share data with a supplier can create an exchange package with content intended for the supplier. This exchange package can

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include product structure, visualization files, ad hoc information and other files. Suppliers will receive a notification with a hyperlink to a web page where they can enter their login credentials to access the exchange package and start to collaborate with the Teamcenter sponsor.

The new supplier collaboration framework will initially support four use cases

Design data exchange
• Design data exchange that is integrated with Teamcenter processes

• Facilitate authorized suppliers to access design data directly from Teamcenter
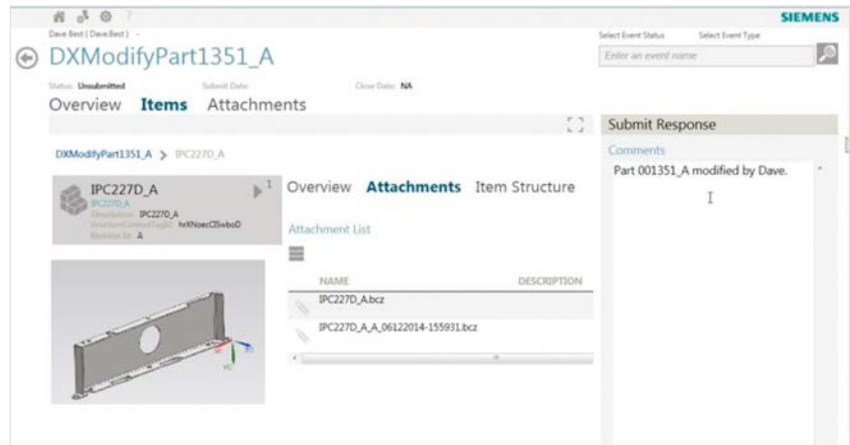
Supplier program management
• Initiate data sharing from task workflows

• Share prerequisite task data with suppliers

• Collect task deliverables from suppliers

Direct materials sourcing
• Provide end-to-end integrated sourcing

• Enable authorized bidders to access product data directly from Teamcenter

• Provide robust sourcing capabilities

Supplier substance declarations
• Automate supplier material and substance declaration processes

• Aggregate material data from suppliers to the product structure

The Teamcenter supplier collaboration solution offers an easy-to-use interface for supplier interaction that is cloud-ready and provides an easy and robust mechanism for exchanging large files.

With Teamcenter supplier collaboration, you will be able to shorten the time that it takes to start sharing information with your offline suppliers. In turn, your suppliers will realize low overhead and low-cost methods for collaborating with you in a compliant and efficient manner.