Velocity Series

Teamcenter Express Shop Floor Viewer

Streamlined web client delivers easy search, view and print access for shop floor users

fact sheet

Siemens PLM Software www.siemens.com/plm/teamcenterexpress

Summary

Teamcenter® Express introduces the Shop Floor Viewer client option to provide users with easy access to product data in their cPDM database. Manufacturing users, such as machine operators and assembly teams, can use the Shop Floor Viewer to quickly find and print drawings – as well as to clarify design intent by viewing and measuring part and assembly models. Teamcenter Express provides easy access to a single source of product data, enabling manufacturing teams to improve their productivity by spending less time checking drawings and by minimizing errors, which reduces rework in the manufacturing process.

Benefits

Fast and easy shop floor access to a single source of engineering data maintained by Teamcenter Express

Less errors and rework as shop floor users access correct data versions

Better communication of design team intent facilitated by 3D CAD model visualization

Simplified and targeted interface that accelerates shop floor user learning curves

Features

Deliver a simplified version of the Teamcenter Express web client targeted at shop floor users

Search for drawings and other product and manufacturing data

Perform where-used searches to determine product usage

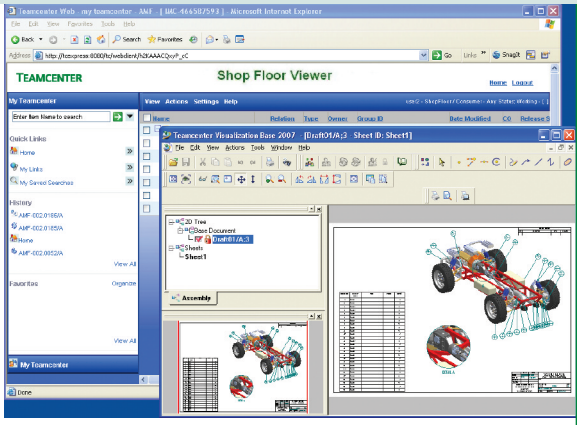
View, section and perform measurements on 2D and 3D product data

Print and plot engineering drawings and related technical documents

Leverage predefined user groups for shop floor users that include preconfigured access control rules

Deploy viewer automatically inside the user's internet browser when Teamcenter Express server is contacted

Teamcenter Express Shop Floor Viewer is a streamlined version of the Teamcenter Express web client, specifically targeted to support the everyday tasks and processes performed by manufacturing users, including team leaders and machine operators. The Shop Floor Viewer supports a wide range of tasks such as searching for parts and drawings, taking measurements from 3D CAD parts and assemblies, and printing drawings.

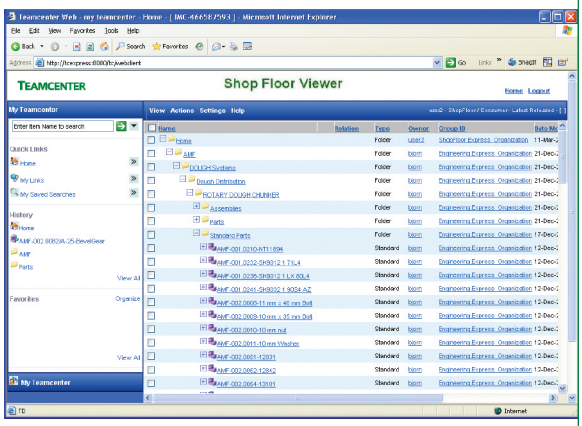


Comprehensive search

The Shop Floor Viewer provides a comprehensive set of search capabilities, including the ability to create, store and execute user-specific queries, as well as the ability to perform where-used searches that determine where a part is used. Standard filters are available to focus searches only on released documents.

Visualization capabilities

Teamcenter's lifecycle visualization capabilities are built into the Shop Floor Viewer to enable users to view a wide range of document types. The Shop Floor Viewer's visualization capabilities also include measurement and model interrogation – along with a user interface that is fast and easy to use.



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