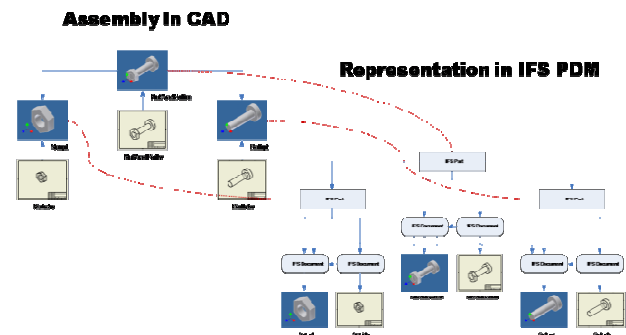


REAL TIME CAD-ERP INTEGRATION KEEPS USERS OF PRODUCT DATA ON THE SAME PAGE

Manufacturers have long struggled with a disconnect between product data in an enterprise resources planning (ERP) system and separate product data in a computer-aided design (CAD) system. Engineers are working on one set of product data and manufacturing personnel like materials planners are working on a separate set of data. Manufacturing is often working on outdated revisions of a design, so costly inconsistencies and mistakes are inevitable. To address this common problem, IFS has developed the IFS CAD Integration Adapter, which enables engineers to use, manage and maintain product data within IFS Applications™ using the CAD program they are already familiar with. For the first time, engineering and manufacturing are working on the same data, in real time.

ONE VIEW OF THE TRUTH

Historically, CAD platforms were connected with ERP packages primarily through an import/export functions. The IFS CAD Integration Adapter integrates popular CAD packages with product data management (PDM) information from IFS Applications™. Manufacturers now can easily re-use designs within IFS Applications™. And for the first time eliminate synchronization issues because everyone is working on the same data for improved data quality, improved accuracy and fewer mistakes in the manufacturing process.



HOW IS THIS DIFFERENT?

Most ERP-CAD integrations do not integrate at a PDM level in real time as does IFS CAD Integration Adapter, but instead import and export data into a manufacturing or ERP package. This leaves islands of information that expose manufacturers to errors. Integrating these processes can be especially difficult with modern, complex CAD applications and solid modeling.

DATA ACCESS

In essence, IFS' CAD Integration Adapter functions as a plug-in to popular CAD Packages. IFS Applications™ will appear as an option in the CAD tool's top line menu. This option will present users with a number of options for interacting with product data in IFS Applications™,

Real-time integration is accomplished because parts used in the CAD application map to engineering parts in IFS Applications™. Part attribute data (or meta data) in the CAD application maps to characteristic data, which in turn is linked to the engineering part. Drawings, assembly drawings, model and part files map to document structures in IFS Document Management™.

CAD AGNOSTICISM

Not only does IFS' CAD Integration Adapter prevent errors in the manufacturing process by integrating with PDM data in IFS Applications™, but it makes IFS Applications™ a simple bridge between competing CAD packages. Many manufacturers tend to use more than one CAD package, and struggle with even more fragmentation of PDM data than those that have one set of PDM data in their ERP and another in their CAD system.



Today, the IFS CAD Integration Adapter supports these common CAD applications:

- AutoCAD
- Pro/ENGINEER
- Solidworks

WHAT CAN I DO WITH THIS?

Apart from eliminating the potential for errors in the manufacturing process, IFS' CAD Integration Adapter facilitates a number of dynamic processes in both IFS Applications™ and your preferred CAD package.

PARTS MANAGEMENT

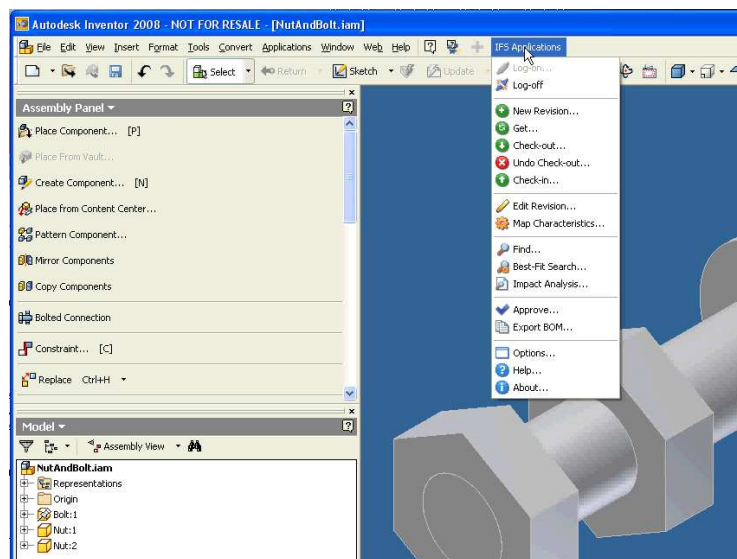
- Create (new part and/or part revision) and modify part revision information.
- Ability to bi-directionally change parts information ... from within the CAD system or within IFS Applications™.
- Search for part revision and best fit search.
- Update a part journal when a part has been modified by the CAD system.
- Handle status and approval routing of Parts.
- Create, delete and modify characteristics for a part.

DOCUMENTS

- Bidirectional handling of the CAD files as document structures.
- Revision handling.
- Status handling with/without approval routing.
- Document search.
- Document connections create, delete and modify document connections for a part.

CHANGE AND IMPACT ANALYSIS

- Impact analysis including an overview of assemblies including specific parts.
- List of Value (LOV).
- List of value functionality on basic data fields.
- Create a Bill of Materials (BOM)
- Export BOM to PDM (one-directional transfer of information from CAD to IFS' PDM Engineering BOM).
- Export BOM to IFS Manufacturing™ (one step transfer of information from the CAD BOM to Manufacturing BOM via IFS' PDM Engineering Bill of Materials (EBOM)).



PRODUCT STRUCTURES

- Create, delete and modify the product structure.

FURTHER INFORMATION

If you are interested in finding out more about IFS Applications™ and IFS' CAD Integration Adapter, call (888) 437-4968, or visit www.ifsworld.com