



PTC WINDCHILL – ERP INTERFACE

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- Mediator between the worlds of PTC Windchill and ERP -

- Over 14 years of experience in the development and project work of interfaces between PTC Windchill and ERP systems
- Already 60+ successful solutions for international customers



- Productive installations in 15 countries worldwide



- Partnerships



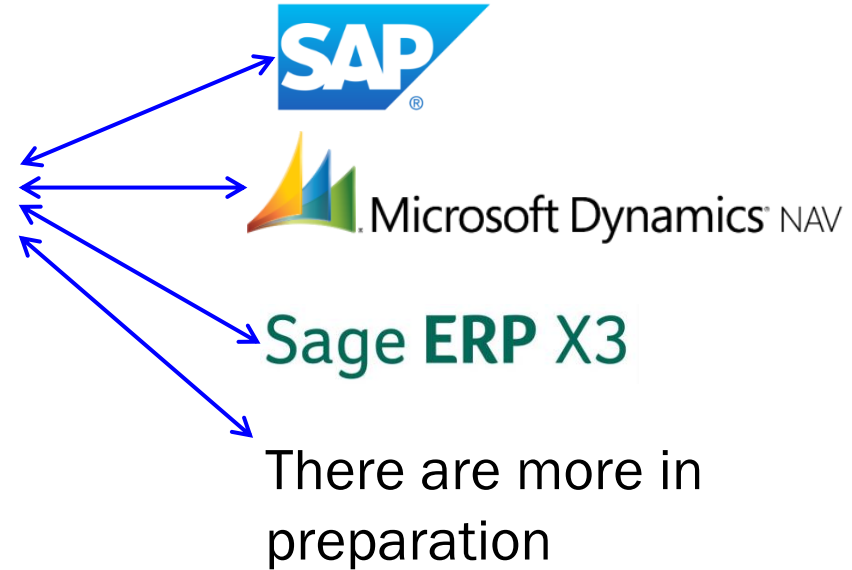
→ Today Innoface is one of the leading providers of interfaces that connect PTC Windchill and ERP systems.

OUR PRODUCTS



- Interfaces

PTC® Windchill®



- Complementary Products
 - IFConneX Release Engine
 - Windchill Output Suite
 - Windchill Customizing Tools

INITIAL SITUATION



- No PDM system
- or PDM system not linked to ERP system
- Leads to
 - Redundant data
 - Increased need for coordination
 - Lack of clarity regarding the validness of data
 - Incomplete data

CONSEQUENCES



- Increased costs because of
 - Loss of time
 - Manufacturing errors
 - Purchase of wrong parts
- Supply bottlenecks
- Delayed delivery of own products → may lead to contract penalty
- Loss of quality

- Producing industrial enterprises need a powerful PDM system
- Technical data is stored in the PDM system, logistical data is managed in an ERP system
- Technical and logistic data must be linked clearly
- Departments like development, purchasing, materials handling, production and services need reliable product data
- Processes need to be defined across systems

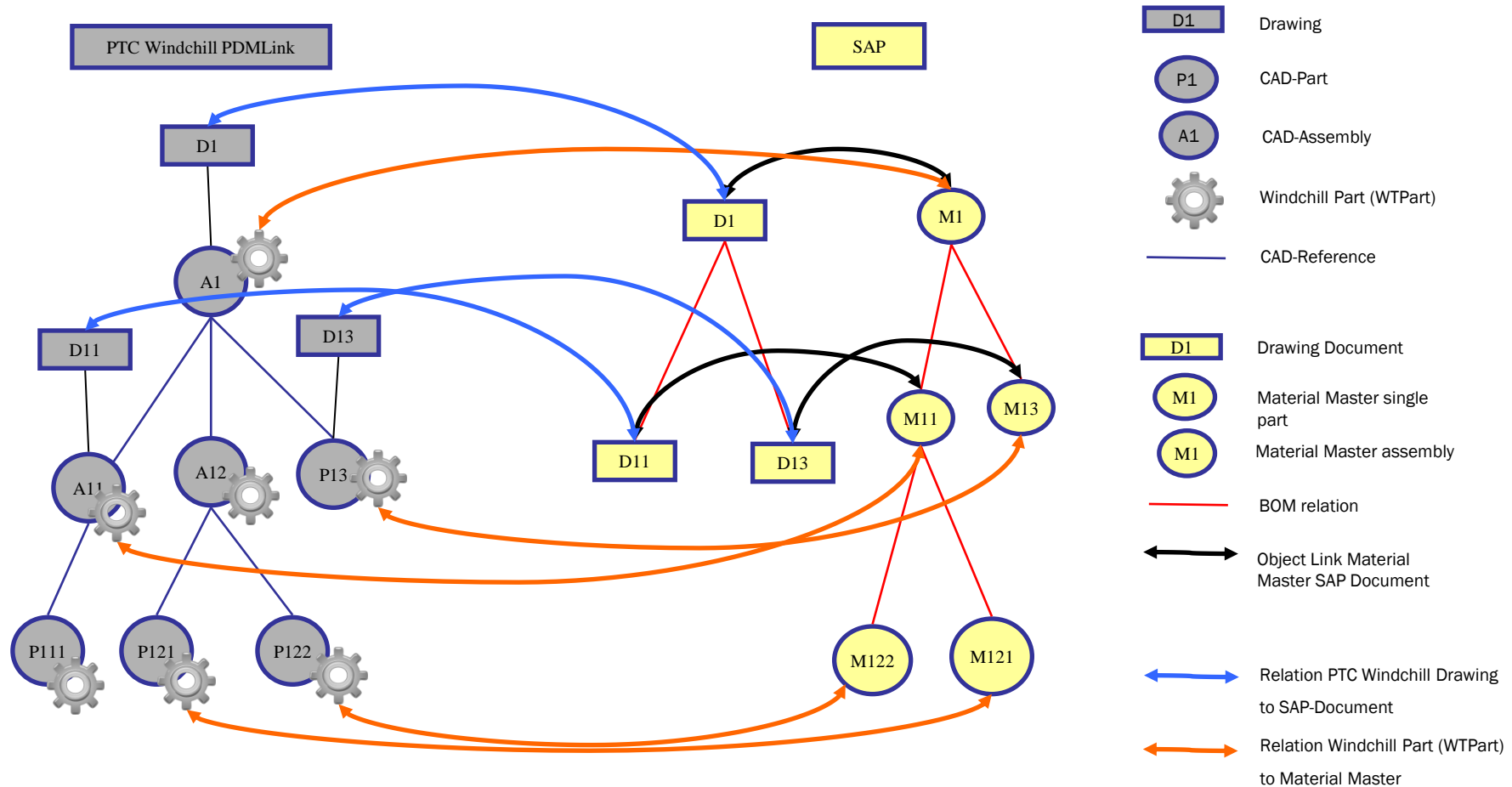
WHY IS AN INTERFACE BETWEEN PTC WINDCHILL AND THE ERP SYSTEM A NECESSITY?



- The interface takes care of synchronizing data between PTC Windchill and the ERP system
- Once the data is entered, it is automatically available in the other system
- Entered data is constantly verified by the interface regarding its quality and consistency
- The interface makes sure that processes can be defined across systems
- The interface simplifies the communication by event-driven notifications to the user
- As a result
 - Valuable product data is arranged for the long run and is available in high quality
 - Processes are automated and better supported

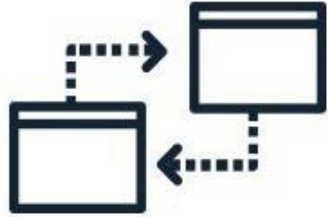
THE DATA MODEL

- The Data Model defines the relation between PTC Windchill objects and ERP objects



- Material Master
 - Create Material Master for a PTC Windchill Part or CAD Model. Update views and fields of Material Master according to PTC Windchill Part attributes.
 - Assign an existing Material Master to a PTC Windchill Part or CAD Model
- Bill of Materials
 - Create and update an SAP Bill of Materials (BOM) according to a Part or CAD Model structure in PTC Windchill
- Document
 - Create and update an SAP Document Info Record to be able to store viewing files in SAP (additional product Release Engine is required)
- Release Procedure
 - Synchronization of the technical Release Process in PTC Windchill with the related objects in SAP (Material Master, Document, Bill of Materials)
- Change Process
 - Creation of an SAP Change Master related to a Change Request or a Change Notice in PTC Windchill
- For further details and functions please read the corresponding product brochure

IMPORTANT FEATURES OF ERP INTERFACES?



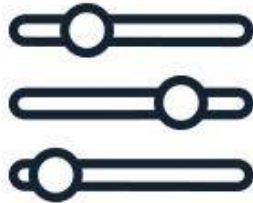
- Bidirectional Data Exchange



- Posting in Real-time
- (No Batch)



- Certified by ERP SUPPLIER



- Controllable by Menus and Browser

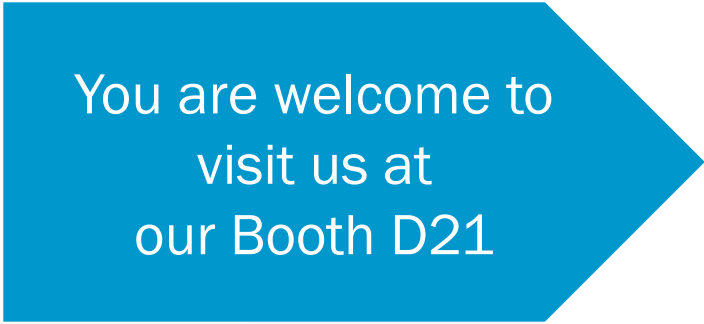


- Functionality Interactively Configurable

SERVICES NEEDED



Workshop	<ul style="list-style-type: none">• At first, experts need to work out a coherent interface concept in a workshop with you
Test Environment	<ul style="list-style-type: none">• Based on the concepts you need support with the installation of a test environment
Configuration / Customizing	<ul style="list-style-type: none">• By configuring or if required by customizing the interface needs to be adjusted according to your requirements
Test and Consolidation	<ul style="list-style-type: none">• The interface has to be tested by experts and your users
Acceptance Test	<ul style="list-style-type: none">• The functionality of the interface has to be approved by you
Training	<ul style="list-style-type: none">• Training material needs to be created• The users have to be trained
Go Live	<ul style="list-style-type: none">• Planning and preparation of the start of operation (Go Live)• The start of operation (Go Live) of the interface
Startup Phase	<ul style="list-style-type: none">• In the first few weeks, the users need support either by your key users or by experts
Support of Operations	<ul style="list-style-type: none">• After the successful implementation, you need support in running operations to make sure that everything proceeds smoothly.



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