

TECHNICAL SPECIFICATION PRO/INTRALINK - SAP INTEGRATION (IF-PS)

ADDITIONAL MODULES FOR INTEGRATION

PRO/INTRALINK-SAP R/3® BATCH (IF-PSB)

- Described functionality can be used independent of Pro/INTRALINK™ Client as a Pro/INTRALINK™ Toolkit application for example to load legacy data to Pro/INTRALINK™. It is also suitable for reorganising and comparing data.

RELEASE AND PLOT ENGINE (IF-RPE)

- Automatic creation of viewing files from Pro/ENGINEER™ models and drawings in batch mode
- Call plot engine out of Pro/INTRALINK™ or SAP R/3®
- Configurable output formats like HPGL, TIFF, PDF and others
- Support of multiple sheets
- Configurable control of Pro/ENGINEER™ parameters before viewing file creation
- The accessing to – and the updating of – SAP parameters
- The automatic creation and check in of created plot and viewing files
- The synchronous release of objects in Pro/INTRALINK™ and SAP R/3®
- Automatic notification by e-mail
- The stamping of additional information is possible

HARDWARE PLATTFORM AND OPERATING SYSTEM

The Pro/INTRALINK-SAP Integration is available on the following platforms:

- Windows 2000®, Windows XP®
- UNIX® on request

TECHNICAL REQUIREMENTS FOR SAP COMMUNICATION

- TCP/IP link between Pro/INTRALINK™ workstation and SAP R/3® application server or SAP Gateway.

SAP SERVER VERSION / RELEASE

- SAP R/3® > Version 4.5B (BAPI Technology)

REQUIRED SAP COMPONENTS

- SAP GUI, compatible to SAP version

TECHNICAL REQUIREMENTS PRO/INTRALINK

PRO/INTRALINK™

- Pro/INTRALINK™ Version 8.0



- > INTEGRATION OF PRO/INTRALINK™ AND SAP R/3®
- > BIDIRECTIONAL DATA EXCHANGE
- > EASY-TO-USE MENU DRIVEN CONTROL
- > ADAPTABLE TO SPECIAL CUSTOMER WORKFLOW
- > AVOIDS REDUNDANT DATA INPUT
- > HIGH INTEGRATION DEPTH BY THE IMPLEMENTATION OF
 - DOCUMENT MANAGEMENT
 - MATERIAL MASTER
 - BILL OF MATERIAL (BOM)
 - CHANGE MANAGEMENT
 - CLASSIFICATION
- > SYNCHRONISATION OF RELEASE PROCEDURE
- > AUTOMATIC CHECK IN OF VIEWING FORMATS
- > BASED ON MODERN STANDARD TECHNOLOGIES LIKE JAVA®, BAPI®, RFC® AND WINDCHILL® API



THE OBJECTIVE

- Pro/ENGINEER™ models and drawings from the engineering department have to be linked to SAP R/3® business objects for use in production.
- SAP users from other departments without a CAD system need quick access to drawings and models.
- Only released Pro/ENGINEER™ documents are allowed to be used in production.
- Pro/ENGINEER™ models with their complex structures have to be managed safely.
- Concurrent engineering has to be supported
- Several sites have to be linked together.

PRO/INTRALINK AS A MANAGEMENT TOOL FOR PRO/ENGINEER MODELS

Pro/INTRALINK™ is the best-in-class tool for the model management of Pro/ENGINEER™ data:

- It is designed for concurrent engineering.
- Pro/INTRALINK™ meets the needs of Pro/ENGINEER™ users.
- Pro/ENGINEER™ data and structures are transparent to Pro/INTRALINK™.
- Local data are also managed in the workspace.
- Pro/ENGINEER™ parameters are shared by Pro/INTRALINK™.
- Multiple sites are supported.
- Models and structures are stored safely in the commonspace.
- Powerful search functions with preview help users to find and reuse models and drawings.

INTEGRATION AS A BRIDGE TO SAP R/3

- The interface IF-PS from INNOFACE links Pro/INTRALINK™ reliably to SAP R/3®.
- With IF-PS it is possible to start SAP functions directly from Pro/INTRALINK™.
- The creating, changing and displaying of SAP objects such as Material Master, Document Master and BOM are executed in the background.
- SAP data are written back to Pro/INTRALINK™ attributes automatically.
- Several operations can be combined in one transaction.
- Multiple objects, a whole structure for example, can be processed in one step.
- It is not necessary to open models in Pro/ENGINEER™.
- The interface checks user input.
- The flexible architecture allows users to implement special customer workflows.

TECHNICAL SPECIFICATION: PRO/INTRALINK - SAP INTEGRATION (IF-PS)

STANDARD FUNCTIONALITY OF SAP INTEGRATION

OBJECTS

SAP R/3®

- Document Info Record
- Material Master
- Bill of Materials
- Change Master
- Bill of Documents
- Original Files

PRO/INTRALINK™

- Part
- Assembly
- Drawing
- Generic
- Instance
- Plot and Viewing Files

FUNCTIONS DOCUMENT MANAGEMENT

- Create Document
- Change Document
- Document Status
- Change Number
- Create, Read and Delete Object Link
- Create, Change, Display Bill of Documents
- Document Hierarchy
- Create New Version
- Read Status History
- Check in / Check out of Plot or Viewing Files to the Document Info Record (KPRO or Vaults dependent on SAP Version)
- Create new Revision
- Classification

FUNCTIONS MATERIAL MASTER

- Create Material Master
- Standard Views
- Classification
- Object Link
- Long Text
- Change Material Master
- Create Material Revision
- Assign Material Master
- Assign Metadata of existing Material Master to Pro/INTRALINK™ Object

FUNCTIONS BILL OF MATERIALS

- Create, Change, Display Bill of Materials
- Automatic Internal Position Numbers
- External Positions Numbers

FUNCTIONS CHANGE MANAGEMENT

- Create, Change, Display Change Master
- Classification Change Master

PRO/INTRALINK™ FUNCTIONS

- Access from PRO/INTRALINK™
 - SAP Logon Menu
 - SAP Workspace Menu
 - Action List for objekt
- Event driven Functions PRO/INTRALINK™
 - Attribute check before checkin
 - Lifecycle change
- Workspace Features
 - read or write system attributes
 - read ofr write user defined attributes
 - name check
- Other Features in PRO/INTRALINK™
 - Automatic Rename of CAD-Documents
 - Checkin Veto
 - Messages using the Standard Event
- Console
 - Display messages in status bar
- Include Family Table Objects

ADDITIONAL SAP FUNCTIONS

USER DEFINED FUNCTIONS
ACCESS TO ANY USER DEFINED
BAPIS OR ABAPs ON REQUEST

