

# Impress™ for EPM

## SCHEDULING MODULE

*The Scheduling module automatically maintains the consistency of critical project and work order data between SAP and Microsoft Project or Primavera.*

The Scheduling module synchronizes project-related information between SAP EAM (PM) or SAP EPM (PS) and Microsoft Project or Primavera, eliminating the costly and error-prone data entry effort required to keep projects consistent in both systems. With synchronized and up-to-date information, all project stakeholders are assured that key activities such as planning, scheduling, resource assignment, and reporting are based on an accurate snapshot of the business.

### PRE-BUILT READY-TO-RUN PROCESSES

#### Synchronizes PM work orders with projects

- Creates plans for groups of work orders based on user-defined criteria
- Ensures work order information remains consistent between systems
- Enables relationships and constraints to be entered in either system

#### Synchronizes PS project information with projects

- Performs bi-directional transfer of project information
- Maintains consistency of project information in both systems
- Transfers SAP budget and activity cost details
- Creates SAP networks for new projects that originate in the project management system
- Aggregates project details (e.g. dates, durations) to support varying levels of granularity between systems
- Enables relationships and constraints to be entered in either system

#### Supports a combined SAP PS/PM integration scenario

- Enables synchronization of projects that are planned and budgeted in SAP PS, defined in SAP PM, and scheduled and managed from the project management system.
- Combines entity types from both SAP PS and PM applications, including: project definition, WBS structure, work orders, notifications, operations, sub-operations, relations and work centers.

### Supported Systems

- SAP EAM (PM) and EPM (PS) modules 4.6c or higher, 4.7
- my SAP ERP 2004 (ECC 5.0)
- SAP ERP 6.0 (ECC 6.0)
- Microsoft Office Project Server 2003, 2007
- Primavera 3.0 and higher
- Primavera P3e 4.1 and 5.0

### A comprehensive set of data elements are ready for synchronization

- The fields to transfer are easily selected using a graphical user interface.

#### SAP PM and PS

Project Definition	WBS	Network
Activity	Activity Element	Activity Milestone
Resource Assignment	Relationship	Activity Constraint
Work Order	Service Order	Operation
Sub-operation	Component	Budget and Cost Details

#### Primavera

Project Definition	WBS	Resource Assignments
Relationships	Constraints	Work orders
Tasks (including Milestones and Constraints)		

#### MS Project

Project	Outline Tasks	Resource Assignments
Relationships	Tasks (including Milestones and Constraints)	

### Selection parameters can be used to relate projects between systems

- Parameters support wildcards and multiple value sets.

Selection parameters include:

System	Preconfigured Parameters
SAP PS	Project Definition, Root WBS
SAP PM	Order ID, Revision Code, all 99 criteria supported by transaction IW38/39
MS Project	MS Project Name
Primavera	EPS Name, Baseline ID, Project Definition, Project Description

### About Impress

Impress Software is a leading provider of packaged integration applications that enable quick and cost-effective integration of project management and geographical information systems with SAP resulting in streamlined business processes. Impress solutions allow integration to be completed at a fraction of the time and cost compared to custom integration solutions. Impress Software customers include global leaders such as BP, Halliburton, Rockwell Collins, US Army and Valero.

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