



# SAP<sup>®</sup> PM + Primavera<sup>®</sup> Integrated Maintenance Planning & Scheduling

## Maxavera<sup>®</sup> Integrated Planning and Scheduling

**Integrate SAP Plant Maintenance (PM) with Oracle Primavera to create a best-in-class integrated planning & scheduling solution for optimizing plant shutdowns, turnarounds, outages and daily maintenance operations.**

### Overview

SAP's PM module is a very effective overall EAM application. It does a great job of managing asset data, materials, work orders, costs and resources. However, many organizations prefer to use specialized best-of-breed applications such as Primavera to perform detailed maintenance scheduling and resource optimization. This is especially true with larger and more complex volumes of work such as plant shutdowns, turnarounds and outages.

### Integrated maintenance planning & scheduling

Maxavera<sup>®</sup> provides plug-and-play integration between SAP Plant Maintenance (PM) and Primavera. It intelligently transfers work orders, operations, resources, work clearances, materials, costs, work centers, equipment/FLOC details and other SAP information to Primavera where work can be scheduled and resources optimized. After scheduling is completed, Maxavera automatically sends relevant schedule updates, logic and resource assignment updates back to SAP, keeping the two systems in sync.

### Optimized maintenance operations

Organizations leverage Maxavera to streamline and optimize planning and scheduling for plant shutdowns, turnarounds, outages, on-line daily maintenance and capital projects. Benefits include reduced schedule backlog, improved visibility, increased wrench time, improved "what-if" planning capability, elimination of manual data entry and increased data accuracy.

### Plug-and-Play solution

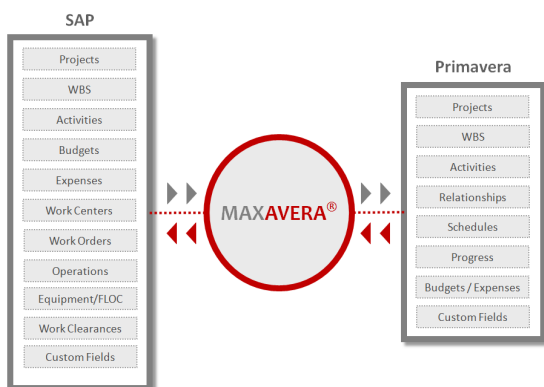
Maxavera delivers 90%+ of your SAP to Primavera integration requirements the same day it is installed. It includes hundreds of predefined best-practice field mappings, rules, transformation logic and run-time options that have been refined through years of delivering real-world solutions to companies like yours all around the world.

### High performance

When it comes to plant shutdowns, turnarounds, outages, or fast moving daily maintenance activities—high performance is critical. Maxavera is specifically optimized for integrated planning & scheduling scenarios. It delivers the highest performance in the industry, often 500%+ faster than the next best solution.

### Easy to use and manage

Maxavera is completely web based. Whether you are an administrator or standard user you can access the application from anywhere using only a web browser. Users can perform quick ad-hoc synchronizations between SAP and Primavera, schedule jobs to run in the future, administer the system or configure integration scenarios using their web browser.



Actions	Name	Description	Group	Source	Target	Active?
	1 - SAP Work Centers to Primavera R...	Transfer SAP Work Centers to Primavera Resource H...	PM Demo	SAP05 - 800	Demo P6 v7	✓
	2 - SAP WBS to Primavera	Transfer SAP PS WBS structure to Primavera	PM Demo	SAP05 - 800	Demo P6 v7	✓
	3 - SAP Work Orders to Primavera	Transfer SAP Work Orders to Primavera	PM Demo	SAP05 - 800	Demo P6 v7	✓
	4 - Primavera to SAP Work Orders Up...	Update SAP Work Orders from Primavera	PM Demo	Demo P6 v7	SAP05 - 800	✓
	5 - Clear SAP Work Order DSEX Statu...	Clears the DSEX flag on the SAP Work Order(s)	PM Demo	SAP05 - 800	SAP05 - 800	✓
	Run Job	Import Excel into Primavera	PM Demo	Input File	Demo P6 v7	✓
	View Schedule	Transfer Work Orders to Primavera for Routine Man...	PM Demo	SAP05 - 800	Demo P6 v7	✓
	Edit Job	Update SAP Work Orders from Primavera based on Sch...	PM Demo	Demo P6 v7	SAP05 - 800	✓
	Delete Job					

### Open standards, not technology lock-in

Maxavera does not lock you into any complex, expensive, proprietary platforms such as SAP XI/PI. Maxavera is open standards based and portable to any J2EE compliant enterprise infrastructure platforms including JBOSS, Apache Tomcat, BEA WebLogic and IBM WebSphere. You are free to choose the platform that is right for your enterprise— and protected if you change your mind in the future.

### Version freedom

Maxavera utilizes a *loose coupling* architecture. This makes Maxavera independent from either side of the integration equation (SAP and Primavera) which eliminates the risk of version incompatibilities. With Maxavera you are never forced to upgrade your applications, and when you do upgrade, you will not “break” your integration solution. Feel free to mix and match SAP and Primavera versions based on your business needs.

Supported application versions include SAP R/3 4.6c and 4.7, ECC 5.0 and 6.0, and JCO 3.x; and Primavera P3e, 5.0, 6.0 6.1, 6.2, and P6 v7 and v8

### SAP certified integration

All Pipeline integration solutions leverage the Pipeline Transporter Connector Studio™ (TCS) product when it comes to moving data in and out of SAP. TCS is a SAP Certified Integration. First certified by SAP in 1998, TCS has processed billions of transactions. It is among the most proven integration technologies in the industry and ensures future compatibility with SAP releases.



### About Maxavera

Maxavera is the world's most advanced solution for integrated planning and scheduling. It enables organizations to rapidly implement best-of-breed integrated maintenance and project work management solutions without the cost and risks of traditional system integration. Maxavera is used by industry leaders to optimize plant shutdowns, turnarounds, outages, daily maintenance, service delivery and capital project controls.

### Other Maxavera integration solutions

Maxavera provides a suite of prepackaged integrations for best-of-breed planning, scheduling and work management including:

- SAP PS — Primavera
- SAP PS — MS project
- SAP PM — MS Project
- SAP — Maximo
- Maxavera Contractor Integration
- Maxavera PM Forecaster
- Maximo — Primavera
- Maximo — MS project
- Syntempo®

For the complete list of solutions visit our website at [www.Maxavera.com](http://www.Maxavera.com)

### About Pipeline Software

Pipeline Software provides software and services that enable organizations to streamline and optimize the planning, scheduling and work management processes involved in building and maintaining large strategic assets. Pipeline solutions are utilized by industry leaders worldwide in energy, utilities, construction and defense to improve maintenance and project controls for a global portfolio of assets valued at over one trillion dollars.

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