Intelligent Integration with External Contractors
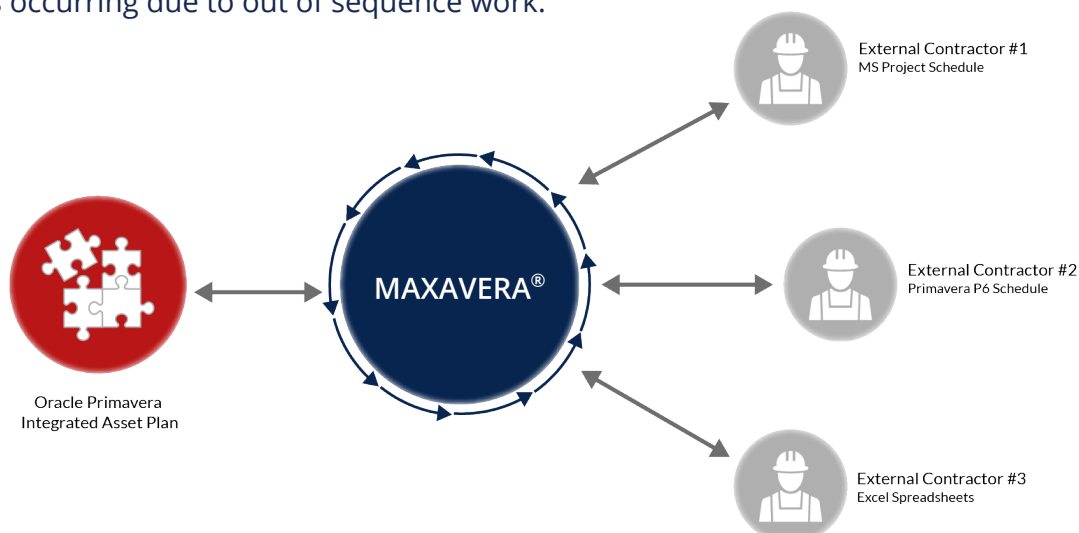
Integrate outside contractor operations with your Primavera project by using the Maxavera® Contractor Integration module

Maxavera® Contractor Integration (CI) maximizes the power of Primavera by automating integration of project planning and scheduling data with external contractors. The Maxavera® CI solution supports two-way schedule integration with multiple external contractors, giving users and contractors the ability to seamlessly pass schedule data among several versions of Primavera, MS Project, or MS Excel using standard APIs and smart logic.

Contractor Integration - "The Problem"

Effectively integrating outside contractor project data with your Primavera master project can be a challenge. Project control groups of large-scale capital projects and massive shutdown turnarounds oftentimes face the daunting task of manually collecting feedback from external suppliers in an effort to keep the master project "in-sync" with contractors' schedules and actual progress throughout the project lifecycle.

This labor-intensive approach is time-consuming, costly and prone to a hi-degree of human error — risks that can lead to lack of schedule visibility, inability to adhere to scope, project delays and possibly even risk of safety incidents occurring due to out of sequence work.

External Contractor #1
MS Project Schedule

MAXAVERA®

External Contractor #2
Primavera P6 Schedule

Oracle Primavera
Integrated Asset Plan

External Contractor #3
Excel Spreadsheets

Maxavera® Contractor Integration - "The Solution"

The Maxavera® Contractor Integration (CI) module significantly reduces project risks and overall costs by automating integration with outside contractors. Maxavera® CI automatically extracts and e-mails a portion of the master project to the external party responsible for the scheduling and delivery. The external party sets the schedule dates for the activities on the list, and e-mails it back to the project owner. Maxavera® CI receives the inbound e-mail and processes the new schedule dates into the activities on the master project.

Cross System Communication - "Reliable Data"

Maxavera® CI normalizes schedules from internal and external sources across Primavera, Microsoft Project Server, Microsoft Excel, and more. It can also exchange project data across different versions of the same application. Maxavera® CI allows your systems to talk seamlessly with your contractors' systems regardless of what system they use.

Dynamic Mapping - "How it Works"

Maxavera® CI includes a dynamic mapping framework with the ability to upload mapping extensions. The solution automatically identifies Primavera activities flagged as "externally managed", groups them by contractor according to the "supplier ID" field, exports the project information to a spreadsheet and e-mails it to the various contractors responsible for their section of the plan. When the spreadsheets return to the project owner, Maxavera® CI matches up the activity ID's in the spreadsheet with those in the Primavera master project and makes the updates automatically. On the supplier side, contractors receive an email with the spreadsheet attached and work with it manually before e-mailing it back — unless they are also running Maxavera® CI in which case the project data exchange automatically processes into their own internal project management systems!

Enhanced Notification - "Real Time"

Get up-to-date, real-time notifications on your system even from the contractors' project systems. Notifications are available for instant updates and tracking — no more e-mailing your contractor and checking e-mail to clarify the outcome of a job. User preferences are available to set notifications options even for contractor systems.

Proactive Administration

Scenario templates, consolidation of group templates, and transport templates are available to make administration between your system and contractor systems easier. Maxavera Contractor includes and audit log of actions performed on the console. Protect the integrity of your application and the safety of your work process with contractors through a password and expiration policy set by you.

Platform Agnostic

Maxavera is a fully compliant Java Enterprise J2EE application. It can be deployed on all leading operating systems and J2EE compliant enterprise infrastructure platforms including Oracle BEA WebLogic, IBM WebSphere 7, or Apache Tomcat. *See supported technologies.

Supported Technologies & Versions

The Maxavera CI solution currently supports the following products and versions :
Primavera
- P3e, 5.0, 6.0 6.1, 6.2, and P6 v7 and v8

Microsoft Project
- Project Client 2007 and 2010, Project Server 2007

Application servers
- Oracle BEA WebLogic 10
- IBM WebSphere 7.x
- Apache Tomcat 6.x

Databases
- Oracle 10g, 11g
- Microsoft SQL Server 2005, 2008

Operating systems
- Linux, IBM AIX, Sun Solaris
- Microsoft Windows Server 2003, 2008 (32 and 64 bit)

Other Maxavera Integration Solutions

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

- Maximo — Primavera
- Maximo — MS project
- Maximo — SAP
- SAP — Primavera
- SAP — MS project
- Maxavera Contractor Integration

About Pipeline Software

Pipeline Software Inc. provides specialized software and services that enable asset-intensive organizations to streamline and optimize planning, scheduling and work management for their strategic assets. Pipeline Software's solutions have been selected by industry leaders in energy, utilities, defense to support operations of hundreds of billions of dollars of strategic assets world wide.