

WHITEPAPER

# Intelligent Integration with External Contractors



PROMETHEUS GROUP



## 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”

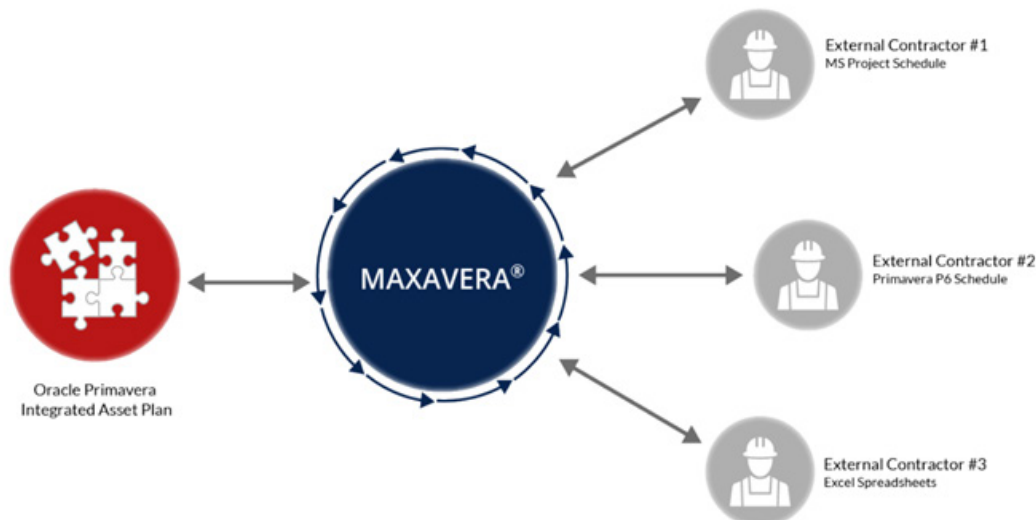
Effectively integrating outside contractor project data with your Primavera master project can be a challenge. Project control groups working on large-scale capital projects and massive shutdown turnarounds often face the daunting task. The process annually collecting

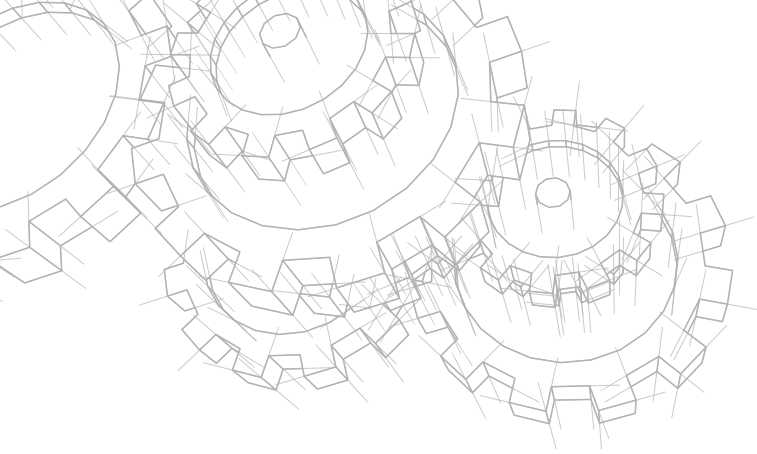
feedback from external suppliers to keep the master project in-sync with contractors’ schedules and actual progress throughout the project lifecycle is time-consuming, costly, and prone to a high degree of human error.

The risks outlined above 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.

#### Maxavera Contractor Integration - “The Solution”

The Maxavera 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 IDs 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 CI includes an 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.

### **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



*To learn more about features, functionality and the power of Maxavera integration, visit our website and review our Maxavera section.*

[LEARN MORE](#)

## About Prometheus Group

Prometheus Group is a leading global provider of comprehensive and intuitive enterprise asset management software solutions that work within ERP systems and span the full work management life cycle for both maintenance and operations. Developed jointly with end users, Prometheus software enhances the customer experience for planning, scheduling, and executing work for both routine maintenance and shutdowns and turnarounds, all while protecting the workforce with safety solutions and electronic permit to work. Our straight-forward functionality, graphical visualization, and simple processes enable customers to increase productivity, reduce costs, and improve reporting. For more information, please visit [www.prometheusgroup.com](http://www.prometheusgroup.com).