Construction Management on the Enterprise Level
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Executive Business Consultant – Materials and Construction – Americas Region
Agenda

SmartPlant Construction Overview
SmartPlant Construction 2015R1 – New enhancements
Q&A
SPC was designed to integrate

### BETTER SOLUTIONS FOR BETTER FACILITIES

**SmartMarine® Enterprise and SmartPlant® Enterprise**

<table>
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<th>ENGINEERING &amp; SCHEMATICS</th>
<th>3D MODELING &amp; VISUALIZATION</th>
<th>ANALYSIS</th>
<th>PROCUREMENT, FABRICATION &amp; CONSTRUCTION</th>
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### INTEGRATION AND INFORMATION MANAGEMENT

**SmartPlant Foundation and SmartPlant Basic Integrator**

### AUTOMATION AND IMPLEMENTATION SERVICES
“Smart Technology”

…..links intelligent data like 3D models, schedules, materials, drawings…etc to work planning with imbedded rules and principles that focus on value.
Smart Technology

- Design
- Documents
- Spreadsheet Data
- Drawings
- Materials
- Schedule
SPC High Level Capabilities

- Work Package (Creation and Management)
- Work Package Planning
- Rules Of Progress
- Construction Progress (via work steps)
- Strong Integration with S3D
- Drawing and model relationship
- Powerful Filters
- 4D Animation
- Material Forecast and Reservation (interface)
- Schedule (P6 Interface)
- Construction Status
- Reports
- Dashboard
SPC Release 2015 R1: New Features - Data Retrieval Dialog

More Efficient identification on status for Models, Drawings and Component Register

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![Image of Data Retrieval Dialog](image_url)
SPC Release 2015 R1: New Features – Schedule Interface Functionalities

Redesigned interface for importing schedule data includes change management features
This feature provides unique color definitions of material statuses in the project material forecast environment for quick identification of material supply chain issues.
These statuses are also provided visually in 3D models and drawings, which enables planners to see material supply chain issues and create constraint-free work packages.
SPC Release 2015 R1: New Features - Materials Forecast and Filter Enhancements
The expansion of assemblies enables planners to quickly see individual components for efficient data knowledge, leading to better planning of the work in the field.
Providing dynamic on-demand updates of Rules of Progress enables the administrator to quickly react to changing conditions in the field.
SPC Release 2015 R1: New Features:
Queuing Components for Rules of Progress by Rate Table
Productivity enhancement for applying filters lets users efficiently filter data without having to scroll through hundreds or thousands of filters for assemblies, drawings, spools, packages and package statuses.
Questions and Answers
Thank You