AWP In Flight

The success of AWP utilizing data integration
WorkFace Planning – process of organizing and delivering all of the elements necessary, before the work is started, to enable craft persons to perform quality work in a safe, effective, and efficient manner. (RT 272 CII, COAA 2013)
Data – Set of qualitative or quantitative values.
What is AWP?

- Procurement
- Planned
- Executable
- Construction
- Process
- Engineering
Why do we need AWP?

3D Models + Time + Cost
Engineering Deliverables

Maintenance Manuals
Completions data

3D Models
Engineering Data

Issue Resolution
Construction Progress
AWP Data
Data Sources

- Drawings
- Documents
- Specs
- Standards

- Task Progress
- Change Orders
- RFIs
- Timesheets

- Scheduling
- Cost Estimates
- Risk Management

- Resources
- Materials
- Machinery
- Equipment

- Purchase Orders
- Cost Analysis
- Supply Chain Management

Construction

Project Controls

Procurement

Vendor

Engineering
What does a data spec look like?
Contract Data Requirements for AWP
Managing Data for AWP
Data Control

CONCRETE - PROJECT-000002

General information

Bulk upload

Documents

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Life Cycle of Data

- Generation
- Use
- Reports
- Cost
- Access
- Document
- Buy In
- Benefits
- Conclusions
AWP Results

Complete and informative models

Current Change Management

Accurate as-buils at turn-over

Data management fueling Construction Execution

Optimizing asset performance
Where are we today?
Questions

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