



**Improved** Schedule Compliance

**Notable Cost** Savings

**Improved** Safety **Performance** 

**Accurate Project Predictability** 

Alignment **Among Stakeholders** 

**Enhanced Project Predictability** 













Construction Work Area (CWA)

















Detailed Scope

Detailed Design

Procurement

Construction Commissioning & Startup











Advanced Work **Packaging** (AWP)

is a disciplined approach to improving project predictability by aligning planning and execution activities across the project lifecycle, from project setup to startup and turnover.

AWP incorporates the best practices of Lean and Agile in its execution.

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### Additional Benefits of AWP

Reduced cost via improved labor productivity

Early and better constructability input

Improved project predictability Improved up-front planning Better stakeholder alignment





Improve craft retention due to improved morale More time for supervision to supervise Improved housekeeping

Improved progress tracking

Improved installation quality

Enhanced systems turnover sequence

### AWP and the Digital Advantage

Repeatability and Predictability are the goals for the AWP Systems.

#### **Primary Objectives**



Cost Reduction



Productivity Improvement & Schedule Certainty



HSSE Improvement

## The Digital Advantage



Data Standards Enable Artificial Intelligence Machine Learning



Digital Twin Repeatable Performance

The digitization of the project is a value-add and is leveraged across the asset's life cycle.

## Advanced Work Packaging

Digital Engineering



Digital
Construction &
Commissioning



Digital Twin

Supply chain



Data Standards and Data Platforms



People, Culture, and Governance

# (100 points)









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