



Improved Schedule Compliance

Notable Cost Savings

Improved Safety **Performance**

Accurate **Proiect Predictability**

Alignment Among Stakeholders

Enhanced Project Predictability













Construction Work Area (CWA)





Engineering Work Package (EWP)



Work Package (TWP)



Scope







Constructio Commissionin g & Startup





Concept







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.

www.PTAGInc.com

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

O POOT COMPANY OF THE POOT OF









Contact Us



Michael McBean
Partner, Southern US
michael.mcbean@ptaginc.com
+1-713-816-3932

Houston
Portland
Calgary
Toronto
Southampton



Fernando Espana
Director, Advance Project
Delivery
fernando.espana@ptaginc.com