LTI Digital EC&O Solution

Transformational EC&O Digital Solution leveraging SAP S/4HANA and Leonardo, for Asset-intensive Industries
Overview

Capturing vast intricacies pertaining to multiple dimensions during planning and execution of large scale Engineering, Construction & Operations (EC&O) projects, and effectively tracking & harnessing them for clinical execution, is one of the key success factors in the EC&O industry. Traditionally, enterprises have strived hard to achieve this goal in constrained environments, with highly industry-specific process nuances & data, fragmented processes, heterogeneous landscapes, high physical-digital divide. LTI has blended its deep industry expertise with S/4HANA & Cloud Innovation capabilities to create enterprise solution with following features:

- Model EC&O Enterprise Processes based on Packaged Commercial Project Management (CPM) Solution
- Architecture-agnostic “Execution Workbench” – capturing eight Dimensions of project execution intricacies
- Convergence of planning data from diverse applications into “Execution Workbench” for bridging gaps between planning & execution and for easier execution tracking
- Integrated Mobile Apps empowering construction site personnel and enabling seamless integration of Site / Yard transactions with Executive level project tracking
- 360º Visibility into Project Performance through “Project Management Cockpit” – enhanced CPM analytics to tap project information from diverse sources
- Quick realization of value from S/4HANA investment with templatized rapid deployment.
- Foundation for system of innovation leveraging Leonardo Digital Solution Platform
LTI has Distinct Value Proposition for EC&O

LTI Innovations on SAP Cloud Platform & Pre-configured CPM Solution

- Bridges gaps in Planning & Execution
- Converges data from disparate systems
- Captures 8 dimensions of execution nuances
- Rolls-up operational data into consistent data structures

**Project Site Operations, Vendors & Sub-contractors**

- Work Quantities
- Labor & Equipment
- Physical Progress
- Daily Tasks & Checklists

**LTI Mobile Apps**

**LTI Project Execution Workbench**

**CPM + S/4HANA**

**Project Mgmt. Cockpit**

**CO-PIN Enhancements**

- IoT Integration

- Enabled with SAP Leonardo

**Enterprise Systems**

- Designs
- Planning Systems
- Financials & Procurement
- BOM, Equipment, Documents

**LTI MOSAIC Implementation Platform**
What would EC&O Industry Customers get?

- Modernization of Enterprise Solution with significant value-adds to following business processes:
  - Detailed Project Activity Planning
  - Project Site Execution & Progress tracking
  - Equipment & Craft Labor Resource tracking
  - Project Monitoring & Control
  - Project Risk Management
- De-risked & Accelerated deployment with up to 30% reduction in implementation timeline
- Much quicker closure of planning loop with authentic actual data & saving tedious manual work
- Agile responses to dynamic execution needs
- Enhanced flexibility and project team productivity
- Robust foundation for System of Innovation – paves way for creating Intelligent Project Eco-system