

Lean Manufacturing for Shutdown, Turnaround and Outage Performance...



Challenge

Slumping oil and commodity prices, along with economic uncertainty, have forced manufacturers to seek more innovative, cost-saving methods to reduce their operating expenses.

Lean Manufacturing

The immediate solution is to cut costs with traditional lean manufacturing—downsize, reduce overhead, increase efficiency. The last thing an Organization wants to do is invest in projects, training, software, or contract services; *however...*

STO (Shutdowns, Turnarounds, Outages)

The commitment to operate a safe and reliable process—regardless of how lean the Organization becomes—requires the planning and execution of STO events.

-  **Shutdowns** – Process Integrity
-  **Turnarounds** – Asset Integrity
-  **Outages** – Off-stream Maintenance

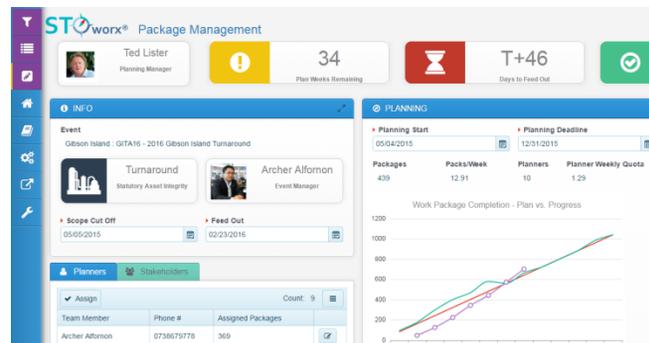
Opportunity

Employee and Contractor Performance

Employees and contractors in lean manufacturing facilities must be efficient, whether working with data, or pulling wrenches. Furthermore, data integrity (access to real-time data in a format which enables effective decision-making) is vital.

Problem

Employees and contractors rely on informal practices supported by multiple spreadsheets and ad hoc database tools to manage STO preparation, resulting in a lack of data integrity, inefficiencies, and ineffective, often risky and costly decision-making, affecting STO performance at each phase.

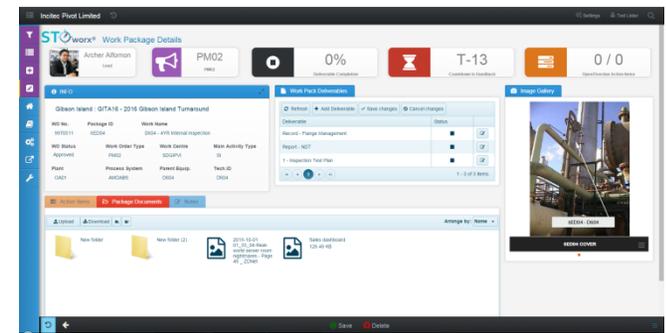


Solution

STOworx® Methodology Platform

Deploy a proven, low-cost methodology platform to effectively establish and control:

-  **Risk-Mitigated Scope of Work**
-  **Stakeholder Strategies and Plans**
-  **Consistent Planned Job Packages**
-  **Efficient Execution & Flawless Start-up**



Benefits

Transparent, User-Based Platform

STOworx® provides a best-practice methodology (roadmap) on a secure cloud- and web-based platform. Each stakeholder contributes to strategic planning for the lowest risk/cost/schedule STO event.

STOworx® integrates seamlessly with your ERP and scheduling applications.

Contact Us

Contact us today for a demo and quote on a monthly subscription, and start saving today.

info@cpmsolutions.ca or www.stoworx.com

“Integration of STOworx methodology enables us to substantially reduce risk, scope, cost and time across all of our Shutdowns, Turnarounds, and Outages.”

—Turnaround Manager

