IAMTech

EXPERIENCE NOT THEORY.

iPlan**STO**

Increase tool time with proven software, that will help you plan and execute your next Shutdown Turnaround Outage

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STO understands Oil, Gas, Power, Mining and Chemical 'Shutdown, Turnaround and Outage' challenges
– which is why our clients avoid disaster planning & executing these time critical events.

iPlanSTO is a comprehensive suite of software tools that will help you plan and execute your Shutdown – Turnaround – Outage, work orders more effectively. It is packed with features specifically designed to support Plant Shutdown processes whilst providing a real-time picture of where you are with your STO planning and execution. We've perfected these features for almost 20 years through lessons learnt from the software's use on 100s of STO's.
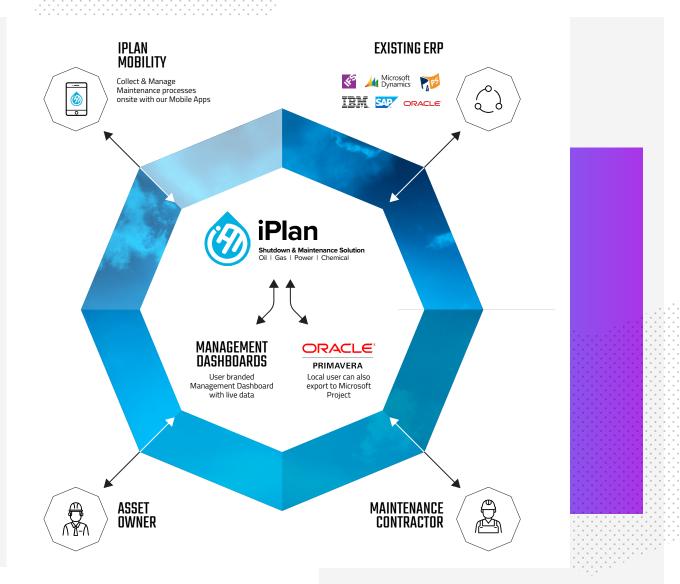
STO uses a proven industry workflow, developed in conjunction with BP. Unlike other Shutdown – Turnaround – Outage software, STO is a complete management solution for the entire project and asset lifecycle. STO allows you as an Asset Owner to both plan and execute your time-critical events, to an accuracy of +/- 10%.

All information entered into STO is controlled by its proven workflow and accompanied throughout by comprehensive revision history; this facilitates maximum control of your STO.

Through the same control, STO enables the Maintenance Contractor(s) to safeguard and maximize the value earned from an STO event.

Only **$8.25k** p/mth

- ✓ Unlimited users
- ✓ 24/7 - 365 Support
- ✓ Asset owners can grant contractor access for free
- ✓ Free upgrades
- ✓ Multisite license discount

IPLAN MOBILITY

Collect & Manage Maintenance processes onsite with our Mobile Apps

EXISTING ERP

iPlan

Shutdown & Maintenance Solution
Oil | Gas | Power | Chemical

MANAGEMENT DASHBOARDS

User branded Management Dashboard with live data

ORACLE®
PRIMAVERA

Local user can also export to Microsoft Project

ASSET OWNER

MAINTENANCE CONTRACTOR

PlanSTO users can log in and check productivity and expenditure in real time using an extensive range of reports and management dashboards. The dashboards are designed to help users understand, instantly, where they are with both the planning and the execution of their Shutdown – Turnaround – Outage event.

STO Benefits & Features

1: Manage all Shutdown – Turnaround – Outage, key stages, incl. job scoping, job stepping, estimation management (incl. norms), materials ordering, variation control, progress capture, time recording, right through, QA / QC, close out notes and learning.

2: Increase Safety & Productivity through greater site supervision, iPlanMOBILE app enables supervisors to report without leaving site.

3: Save planning costs - Save up to 89% of the cost of planning a work order on previously serviced equipment.

4: Increase tool time standardise estimation, using industry norms, so all personnel involved in your next STO are scoping, planning, estimating and delivering work the same way.

5: The Monte Carlo Risk Simulator analyzes the likelihood of completing your turnaround on schedule. You can evaluate the probability of completing your turnaround within the budgeted number of manhours; equaling an achievable worklist. This avoids you wasting time and money planning work orders that end up being de-scoped.

6: We price our software lower than our competitors AND unlike them, we display our pricing on our website to create trust through transparency.

7: iPlanSTO is cloud based, enabling your entire turnaround team (owner operator personnel & contractors) to have a clear understanding of planning and execution.

8: The QA/QC (completions) module enables your commissioning manager to see the current real time picture of progress of your quality assurance, without the time lag and cost of collating the information and presenting it in a report.

9: Create unlimited work pack templates to publish your activities as you require. Organize packs by trade, plant area, or just one work pack design for your entire STO. Files can be for a single work order or a batch, with supporting documents (e.g. Photos, isometrics, method statements, etc.). PDFs are stored securely with complete revision control and change history.

10: Norms-based estimation helps estimators determine an activity's duration and allow less experienced estimators to more accurately predict the time it takes to complete common maintenance activities, such as scaffold, mechanical, valve overhaul, painting or E&I.

11: Email notifications help drive the workflow, bringing huge productivity improvement to your STO teams' efficiency and saving on expensive downtime.

12: iPlan's mobile app works offline, allowing you to capture scope when planning your event and capture live progress when executing your shutdown. Simply sync your device and take your work list on site.

13: Geolocate operations / activities to know where work took place, if the person(s) went to the job, understand work patterns, and export thematic mapping location data to visually ascertain hotspots.

14: Joint integrity management means the inventory of joints is permanently stored so that their history can be tracked and each joint linked back to any agreed piping specification.

15: A full revision history and audit trail means that data entries, amendments and emergent work is logged with a comprehensive revision history, preventing a blame culture.

16: Scoping - Typically there's multiple sources of data for your turnaround worklist, ERP work orders, Maintenance Orders, Excel, etc. We recommend clients analyze this data before adding it to the STO worklist. Scoping is a stage gate where users can check the job before adding it to their worklist.

17: Scaffold: iPlanSTO enables you to estimate, hire, inspect and manage scaffold equipment and structures, sharing data in real-time with any user.

18: Materials Management in iPlan helps build your material take off while planning your activities & work orders; and can help with purchase requisition. A dedicated materials management dashboard helps you understand where materials are, from initial request to being bagged and tagged for the job site.

19: Gain insight with reports, including valuations to quickly understand key information such as estimated hours vs actual hours and productivity ratios.

20: Electronic scope and estimate approval is critical to ensuring work management efficiency and meeting reliability goals. Have work order estimates and bills of materials peer reviewed and approved in iPlan to eradicate unapproved work.

21: Measure productivity ratios of all personnel delivering your STO, because only once you know your productivity, can you begin to improve it.

22: iPlan automatically aligns to the majority of organizations existing STO methodology and can be configured to your specific needs.

23: Access to premium 24/7 year round support - call our help desk, email us, or message our dedicated support team.

24: Join a community of global organizations that include Altrad, BP, DIAB, Kaefer, SABIC, SBM Offshore. For over a decade we have learned from their best practice and incorporated this into iPlan so you can also benefit.

25: No user limits, so why license per seat when you can license your STO, your entire site, or your entire company? We don't limit the number of users who can access the software, enabling you to have everyone work on your STO in the same system, including your third-party contractors!

26: iPlan is not intended to replace your ERP system, instead, it can communicate with your existing ERP such as SAP, Maximo, or IFS, and planning tools like Primavera P6 or MS Project. iPlan will pull in your work order information from your ERP system. From this point on, personnel do not have to interact directly with your ERP because iPlan can automatically update work order status.

27: Comprehensive iPlan training - a Bronze, Silver, Gold graduation program is available, to ensure maximum value from software adoption.

28: Management Dashboards allow you in a single glance to understand event progress, risks, spend and productivity.

Planning For Tomorrow Learning from Yesterday

iPlanSTO can retain all historical Shutdown-Turnaround-Outage data; this history is linked to the work order and the plant equipment. This history can be re-utilized time and again so that users can understand all historical works, estimated and actuals, learning & improving estimate accuracy each time.

This significantly reduces the time involved in replanning events that have been previously managed using STO. In turn, this saves significant costs by reducing the number of personnel required to successfully plan an event.

Having a data audit trail is vital to Asset Owners and Contractors. By logging who made what decisions and when, STO clearly highlights areas of responsibility between the Asset Owner and Maintenance Contractors.

Safety And Security First

iPlanSTO reduces the risk of incorrect equipment or materials being wrongly allocated during a contract, reducing the chance of harm from incorrectly maintained equipment or material misuse.

All users can access the system remotely via a secure cloud portal. Data in-putted in to STO is held on secure servers and accessed via a secure website using the same robust encryption methods as online banking systems.

By acting as a secure, cloud-based 'sandbox' for all participants to occupy, iPlanSTO gives clients complete control over who has access to what information using role-based authentication. This allows both Asset Owners and Maintenance contractors to get the information they need to operate in an informed manner without compromising IT security.

Understanding User Needs

STO has been designed:
Specifically for Shutdown, Turnaround, Outage and TAR professionals within the Oil, Gas, Power, Mining and Chemical industries. We have worked in industry for half a century, our software has been designed with this first hand experience, ensuring it is fit for purpose and addresses the real-world needs of our clients.

Mobile Application:
We understand the importance of STO users being able to be on site and capture such things as progress, statuses and quality assurance as they happen, and being able to digitize this increases supervision time onsite, improving safety and productivity.

One of the UK's leading industrial providers received a quotation for an alternate solution. Instead, the customer chose iPlan and saved over 62% of the original cost.

An industrial asset owner had an annual budget of $36m. By using iPlan it allowed the owner to save $3.7m in year 1 by, among other things, eradicating the need for outsourcing work pack generation to expensive third parties.

Ask about our iPlanSTO return on investment calculator, to find out how much you could save on each event.

Coming soon to iPlanSTO! Isolation / Blinds management & Readiness task management.

All iPlanSTO clients will receive these software upgrades at no extra cost.

To find out more about iPlanSTO please contact our STO experts on +1 (504) 224-4346 or email dougkibler@iamtech.com

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