Abu Dhabi Ship Building Implements Infor EAM to Manage their Ship Building Tools

About the Company

Abu Dhabi Ship Building (ADSB) a UAE Public Joint Stock Company, is a world-class ship-building organization specializing in the construction, repair, maintenance, refit and upgrade of naval, military, and commercial vessels.

Business Situation

ADSB was using a legacy system to manage their basic tool management requirements. Part of the operation was run manually to meet their day to day requirements. Many drawbacks with the existing system—functionally and technically—were due to its age and with no support contract.

They wanted a user-friendly solution to manage their tools, track warranties, maintain inventory and perform tool calibrations

Project was awarded to Intertec Systems to migrate the Legacy system data along with the history transactions and standardize the asset tool registry. Automate all the process to help the ADSB team track, manage and maintain their tools in the system.

Challenges

- No real time Reporting

- Routine Tool Calibration schedules

- Employee Tool Outstanding status.

- Record Tool Repair activities

- Track Internal and External tool repair & replace tasks .

- Track Tool Assets and its Inventory with its status and locations

Tools & Technologies

- Data Migration Tool – To migrate the data from legacy system

- Development of "Tool Asset Register" with defined standard.

- Infor EAM and Advance Reporting Tool

Solutions

- InforEAM (Enterprise Asset Management)

Solution

In lines with the objectives set by Abu Dhabi Ship Building Co, Intertec's EAM specialists implemented the Infor EAM offerings in a highly cost effective manner.

Migrating the data from legacy system along with the complete history was one of the key critical success factor for this implementation.

Data Cleansing and Standardization took multiple sessions with the ADSB Team to build a right tool Registry with Unique universal reference.

Issuing and Returning of tools was major activity of the Team. Considering this factor a user friendly feature was designed to Issue & return the individual, multiple or a batch of tools either to employee , department or to a facility. With this users were able to build tool kit and were able to track tool ownership on real-time basis

Module to Plan and Schedule the Calibrations cycles were configured that helps the team to timely perform the Tool calibration activities

Tool Repair activity is automated using Infor EAM's work module. The Notifications & message options defined to notify the internal as well as external teams to speedup the process.

The start center was personalized to provide the Inbox notifications and Performance Indications based on the users role.

Results

- Higher employee productivity using easy to use features like "Quick Issue /Return" dashboard analysis and email notifications

- Accountability – Easily track which tool with which employee

- Live Employee Tool Outstanding Status on employee profile that helps in quick exit process.

- Effective Tools Warranty tracking which saves time and money to the organization

- Effective Tool Calibration with predefined Calibration schedules and automated dashboard notifications.

- Managing Tool Repair process with workflow automation

- Real time Reports

About Intertec

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