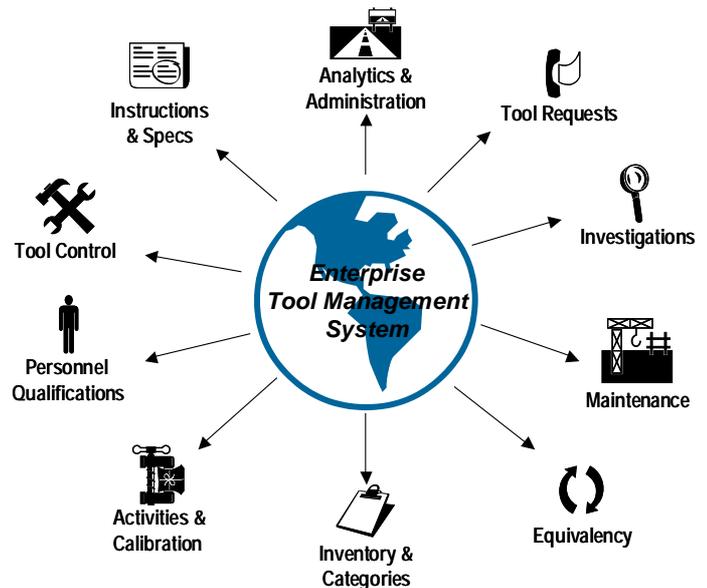# Tadcon

Enterprise Tool Management

Overview

The Enterprise Tool Management Systems (eTMS) provides a complete tool management solution for Indus customers. eTMS functionality covers tool room control, tool reservations/planning, calibration management for precision tools, tool procurement and specification management, and full enterprise inventory management. eTMS is pre-integrated with EMAPC and uses an open architecture to facilitate integration with Passport or any EAM or ERP software product.

Functional Summary

eTMS provides an ideal solution whether you have hundreds or millions of tools to track. It enables both maintenance management and tool room management staff to have real-time access to the complete inventory of tools. eTMS meets the requirements of the most regulated industries, including nuclear power generation and airlines, but is flexible enough to adjust to less complex environments.

eTMS is built around logical modules of functionality to enable custom implementation of just the functionality you need for your tooling operation. The graphic below represents the modules; here is a quick overview:

✓ **Inventory:** eTMS is the master inventory and is viewable across the enterprise, by location, or by individual tool room; keep complete records of tools across their entire lifecycle; have online records of purchasing information, instructions, use specifications, and warranties.

✓ **Supply Chain:** eTMS advanced re-order management capabilities can tell you when to buy tools and integrate with your purchasing system.

✓ **Scheduling:** Be sure that the tools you need for an activity are ready and waiting by reserving the tools as part of the maintenance plan or job ticket.

Instructions & Specs · Analytics & Administration · Tool Requests · Tool Control · **Enterprise Tool Management System** · Investigations · Personnel Qualifications · Maintenance · Activities & Calibration · Inventory & Categories · Equivalency

✓ **Maintenance:** Keep your tools in top-working condition by proactively performing required maintenance and calibrating precision tools; avoid re-work when tools are out-of-tolerance or not working to spec when you need them the most.

✓ **Control & Safety:** Know who checked out tools and where they are being used; reduce lost tools and minimize over-buying to meet peak demand by finding expensive tools when you need them; track consumable tools to eliminate abuse; make sure that only people authorized to use a tool can check it out.

Installation

eTMS can be a stand-alone tool management system or can be integrated with enterprise asset management, maintenance management, and enterprise resource planning software. eTMS provides support for flexible business processes, so you can leverage best practices embedded in both the eTMS software and your enterprise. eTMS adapts to your tool names and numbering schemes so there is no confusion once it is deployed. Typical implementation for a stand-alone system is one month for the first tool facility and as little as a week for each subsequent facility – including conversion of data from your existing system! Of course, we provide full instructor-led training on the use of the system for your team

Technical Overview

eTMS is built using Oracle's industry leading database and application development tools. There are no third-party products to buy or integrate. If Oracle is already part of your enterprise, chances are you have everything you need to run eTMS. If not, we provide complete solutions pricing that encompasses all required hardware and software.

Database	• Oracle database version 8.1.7 or later
Application Tools	• Oracle Developer 6i
Operating Systems	• Database: all supported Oracle database platforms • Application Server for Web: 9iAS on NT4, Win2K, Linux, Solaris (Sparc)
Workstations	• No local software installation required • Any computer that can run a web browser • Windows 9X, NT, 2000, ME, or XP for client server implementation
Bar Code Scanners	• Any maker using wedge interface to simulate keyboard
Wireless Support	• Fully-enabled for 802.11X and any cellular/digital modem
Capacity	• Unlimited with proper hardware configuration • Unlimited number of tools, locations, and users
Network Required	• In web-mode, minimal bandwidth (28K line is sufficient)
Interfaces	• Pre-built for Indus EMPAC • Easily configured for integration to other systems

Payback & ROI

The average payback period on eTMS for our customers is 10 months. Key areas where tool management costs are reduced immediately after implementation include (percentages are actual customer experiences):

- Reduce lost tools 25%
- Stop paying for warranty repairs
- Stop buying Cadillac of tools when Chevy works
- Eliminate unnecessary calibrations
- Eliminate fines from OSHA and other regulators
- Charge contractors for lost tools
- Reduce waiting time in line at tool crib by 50%
- Reduce consumables (gloves and ear plugs) by 66%
- Improve supplier pricing

More Information

Web Site	www.tadcon.com
Email	info@tadcon.com
Phone	888-7TADCON