



Hoyt Achieves 77% Increase in PM Compliance Using eMaint X3

Background

Hoyt Archery Company has manufactured bows and archery accessories in the United States since being founded by Earl Hoyt and Earl Hoyt Jr. in 1931. Operating with facilities in Salt Lake City, Utah, Hoyt employs a wide array of skilled craftsmen and engineers designing and crafting the world's finest compound and recurve bows. As the world's foremost compound and recurve bow manufacturer, more Olympic, World and National titles have been won with Hoyt bows than any other brand. For more information, visit www.hoyt.com.

Challenge

Hoyt needed a flexible, affordable, and user-friendly CMMS system that would help them plan and track labor and manage inventory for their department of six technicians responsible for maintaining the entire infrastructure and over 400 assets. They also needed a system that would be able to take corrective, reactive, and preventive maintenance information and accurately forecast labor requirements to minimize downtime as well as having a friendly reporting interface for tracking KPIs.

Implementation

Hoyt began using [eMaint X3 CMMS](#) in August of 2009. Categories for work orders were established so work orders and costs could be grouped by department. By tracking downtime, labor, work orders, and maintenance by type, they were able to build a maintenance history that assisted in determining future maintenance costs. Adding photos of spare parts to the database helped decrease look-up time and improved inventory accuracy.

Most production equipment is designed and engineered in-house. The bill of material provides the maintenance team with a list of spare parts needed for repairs when the equipment is rolled out to production and tracks costs of engineering projects.

Results

- 40% reduction in downtime
- 77% increase in PM compliance
- Maintenance history improves budget and labor forecast accuracy
- Improved efficiency of assigning and completing work orders, reducing work backlog
- Tracking spare parts and locations eliminates hours spent daily searching for parts
- Better understanding of repair costs per asset
- Auto Replenishment system lowers inventory costs and improves inventory turns

“eMaint has given me a complete & permanent record of assets including name plate data and a record of repairs, labor, routine maintenance, parts usage and associated costs per asset which assists in annual budget forecasting.”

*Rick Groves
Facilities/Maintenance Manager
Hoyt Archery*