



Improvement in Efficiency, Accountability and Safety

Introduction: Palo Verde challenged Accu-traq to develop a solution to streamline and standardize asset control site-wide. The Rigging Loft was chosen as the department to validate the solution. Due to the success of the pilot program, an unlimited site-wide license was purchased to expand the technology to all departments.

Description: We developed an integrated, RFID-driven software and hardware solution to increase efficiency, accountability and safety within the nuclear industry.

Comprehensive Inventory Management System



The Purpose: Our goal was to implement a comprehensive solution at Palo Verde to realize documented improvement in efficiency, accountability and safety.

Challenge: Existing check-in and check-out system involved time consuming, unreliable paper-based and electronic methods.

Results:

- The rigging loft realized a reduction of man hours by 8 minutes per person in the check-in/check-out process.
- Accu-traq's system eliminated human error, reducing safety concerns.

Challenge: The use of an unreliable asset tracking system contributed to a lack of personal accountability and added substantial expense to the retrieval and replacement of lost items.

Results:

- FME scanners and antennas placed at choke points enable asset retrieval.
- Employee ID is now tied to each asset checked out.
- The system sends auto-generated reports and email reminders related to overdue items, annual inspection dates, calibration information and more.

Challenge: The existing software silos require significant financial and time commitments from IT/IS personnel.

Results:

Accu-traq, powered by CribMaster, provides one comprehensive database to manage all assets. The software is capable of interfacing with existing software, which must be retained for compliance issues, while providing the ability to eliminate redundant software.

Challenge: The existing manual and spreadsheet tracking methods were inconsistent and unreliable.

Results:

Our single, comprehensive database provides complete visibility of all assets regardless of department or user.

Challenge: If a vendor sent a recall notification of an asset, retrieval often involved lengthy and labor-intensive inspections of written records and storage areas.

Results:

- The new system assigned assets to a location, so when assets are issued they are assigned to the employee checking them out.
- The new system allows the users to locate the asset from their desktop.

