



Web-Based Product Control

Track Code: CRANE-83634

Categories:

- Electrical Engineering
- NSWC Crane

Keywords:

- Computer Technology
- Crane
- Database & Information Management
- Electrical Engineering

A military repair/storage depot continually processes high and low tech systems and components for transferring into or out of use. Third parties take advantage of the facility's technical experts for repair and/or the warehouse space for storage. These systems and components must be carefully tracked to ensure they are readily available to their owners. Therefore, it is particularly important with large scale storage contracting to prove that a database system is capable of proper and timely asset control despite widely varied third party needs.

Naval Surface Warfare Center, Crane Division (NSWC Crane), has developed and patented an adaptive internet-based product control system that utilizes web technology to gather and present asset control data in an environment with constantly changing requirements due to various third party demands and/or funding restrictions. This system tracks third party assets, provides real-time data regarding current status, and assists in returning the assets to the customer in a timely manner. This system can accommodate constantly changing user requirements by using a ColdFusion database interface with data files that can be constructed and reconstructed on-the-fly. The system also interfaces with bar code readers to gather asset data and to upload it at a later time.

Advantages:

- Decreased labor cost
- Increased tracking efficiency
- Accommodates to changing requirements
- User friendly

Potential applications:

- Military

-Warehouse

People:

- Helms, Willian (Project leader)

Intellectual Property:

Application Date: July 25, 2003

Type: Utility Patent

Country of Filing: United States

Patent Number: 7,685,207

Issue Date: May 23, 2010

Contact OTC:

Purdue Office of Technology Commercialization

The Convergence Center

101 Foundry Drive, Suite 2500

West Lafayette, IN 47906

Phone: (765) 588-3475

Fax: (765) 463-3486

Email: otcip@prf.org