



Avtron Industrial Automation

7900 East Pleasant Valley Road,
Independence, Ohio 44131
Telephone : (216) 642-1230
Fax : (216) 642-6037
E-Mail : bwiles@avtron.com
www.avtron.com

PRESS RELEASE

Avtron Industrial Automation and Cargotech Services USA Complete Second Crane Upgrade at Nassau Terminals

April 5, 2009

Independence, OH – April – Avtron Industrial Automation and Cargotech Services USA recently completed the upgrade of the second container crane at Nassau Terminals, Fernandina Beach facility. Avtron supplied new drive and PLC control packages as well as commissioning services. Cargotech supplied new operator cabs, site management and installation services.

Nassau Terminals uses two dockside cranes to service its customers. These cranes were originally manufactured in Japan in the 1970's. The cranes utilize motor-generator sets to run the Hoist, Gantry, Trolley and Boom motions. One generator feeds the Hoist/Gantry motors and another generator feeds the Trolley/Boom motion. Each generator is now controlled by a new ADDvantage-32 digital field control package. Avtron's new digital regulators replaced the analog controllers that were installed originally on the crane. The upgrade eliminated the port's risk of substantial downtime due to obsolete parts and controls that were no longer supported by the original manufacturer.

To help reduce the original system's complex relay controlled logic and minimize wiring, a new programmable logic controller was installed. By installing the PLC, most of the existing control wiring could be eliminated which provided for a cleaner installation which would be easier to troubleshoot. The PLC also offers the port greater flexibility in making future enhancements to the crane.

A key objective of the project was to reduce the amount of troubleshooting time for the technicians. Nassau Terminals purchased Avtron's DriveView Plus™ diagnostic system for this purpose. DriveView Plus™ is a graphical package that provides real time data and diagnostic information about the crane control system. DriveView Plus™ allows maintenance personnel, of all skill levels, the ability to diagnose control system problems of all types. DriveView Plus can help a technician diagnose the problem and have the crane running as quickly as fifteen minutes (from the control shack, without ever physically going on the crane or something like that). DriveView Plus also provides other important pieces of data including electronic copies of drawings, manuals and spare part numbers.

QUALITY, RELIABILITY, SERVICE, AND VALUE



Avtron Industrial Automation

7900 East Pleasant Valley Road,
Independence, Ohio 44131
Telephone : (216) 642-1230
Fax : (216) 642-6037
E-Mail : bwiles@avtron.com
www.avtron.com

About Avtron Industrial Automation

Avtron Crane Systems, a part of Avtron Industrial Automation Inc., delivers both AC and DC drives, pre-manufactured and custom engineered panels, automation solutions and diagnostic software designed to help users reduce costs, increase efficiency and enhance profitability. With system solutions and services catering to virtually every material handling need, Avtron Industrial Automation provides a diverse array of capabilities and automation solutions. Headquartered in Independence Ohio, Avtron Industrial Automation, Inc. provides solutions for the global market.

For more information about Avtron Manufacturing, Inc., visit www.avtron.com or contact: Avtron at 7900 E. Pleasant Valley Rd. Independence, OH 44131 Phone: 216-642-1230, Fax: 216-642-6037, e-mail:systemsales@avtron.com.

Press release contact Barry Wiles – Industry Manager for Crane Systems
bwiles@avtron.com

QUALITY, RELIABILITY, SERVICE, AND VALUE