



Eagle Express



Eagle Consulting & Development is the leading provider of online, real-time automated data collection and bar coding solutions to users of QAD enterprise applications worldwide. Eagle provides "plug-and-go" bar coding and automated data collection capability to 800 QAD customers at 3,000 sites worldwide. For more information, visit www.eaglecondev.com or contact Bill Paone at 1-973-838-5006 ext. 119.

Eagle Brings Accurate, Real-Time Data Collection to Innovative West Liberty Foods

Iowa-based West Liberty Foods (WLF) is a showcase of technology, USDA compliance and cleanliness. The company is a leading co-packer, private label manufacturer and foodservice supplier of ready-to-eat sliced poultry, pork, beef and cheese products. As a food producer, WLF is subject to the USDA's lot traceability requirements for raw materials and finished goods products. This requirement was an important driver in choosing the combination of QAD's enterprise technology and Eagle's automated data collection (ADC) technology.



According to Bill Paone, Executive VP of sales and marketing for Eagle, "The seamless integration between the two products is particularly valuable in this important area of lot traceability. QAD's enterprise system supports lot traceability in food and beverage, pharmaceuticals and other highly regulated industries. Eagle's product, RF Express™ for MFG/PRO, adds significant value by automating the process, eliminating human error and providing information in real time."

Eagle recently asked David Frett, the company's Operations Accounting Controller, how he saw the combination of QAD's enterprise technology and Eagle's ADC technology supporting WLF's unique requirements.

IN THIS ISSUE:

- Announcements....page 4
- Project Updates.....page 5
- New Contract Awards.....page 9

West Liberty

Dave began by describing the company's implementation strategy. WLF chose its main plant for the first implementation based on the realistic premise that the benefits and ROI they were looking for would be greatest if they applied their new solution to the most complex operation first. The main plant in West Liberty receives and processes

20,000 live turkeys a day. That processing includes cooking the meat, creating meat "logs," then sending those logs to its Mount Pleasant facility for slicing.

(continued on page 2)



(West Liberty continued from page 1)

Mount Pleasant

The state-of-the-art Mount Pleasant facility looks like a futuristic biohazard lab, with employees wearing protective clothing and operating in individual “cells,” separated from each other to prevent contamination. This plant never receives live animals or uncooked meat.

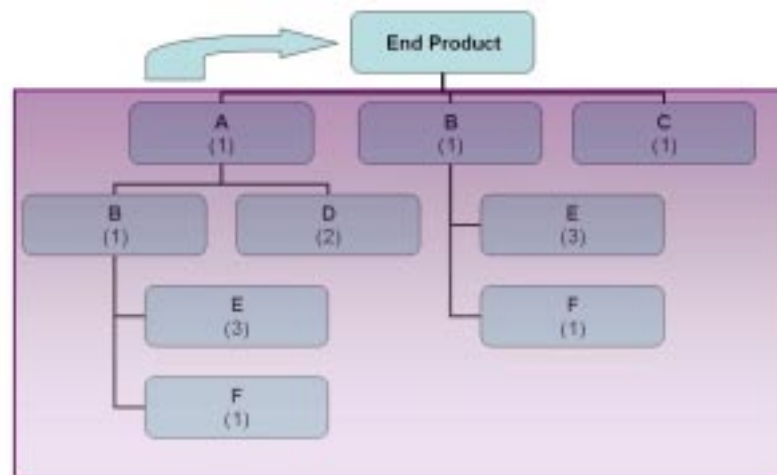
In contrast to a lab, however, the risk here is not *to* the employees but *from* the employees. Without the painstaking attention to protective clothing, the isolation of individual cells and an independent refrigeration system for each room, bacteria borne on an employee’s clothing or in the air could inadvertently contaminate the meat. Instead, each room’s positive pressure ensures that air enters the room only from its individual, filtered air intake.



With Dave’s description of the WLF process in mind, it’s obviously quite different from the way most manufacturers create a finished product:

A typical product structure depicts an end product that is created by building, combining or assembling components. That’s true whether the final product is a car, a can of soup or a computer.

Typical Product Structure

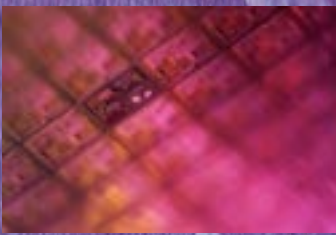


Produced by Eagle Consulting & Development, Kinnelon, NJ, USA. RF Express™ for MFG/PRO is a trademark of Eagle Consulting & Development. “QAD” is a registered trademark of QAD Inc. All other products or Company names herein may be trademarks of their respective owners.

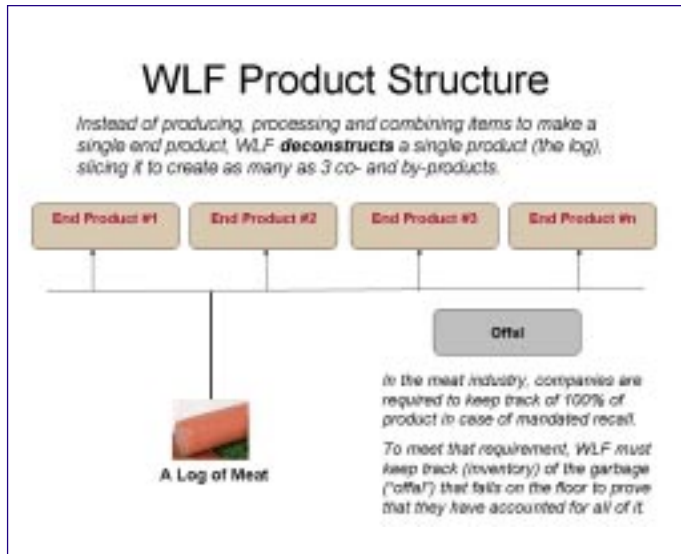
© 2006 Eagle Consulting & Development 11/06
All rights reserved.

Instead, WLF begins its process by *deconstructing* a product (such as a turkey) to yield as many as 50 co- and byproducts.

(continued on page 3)



(West Liberty continued from page 2)



Once WLF has cooked the meat and processed it into a “log,” it is sliced to yield as many as three co- and byproducts.

Product #1 – sliced meat (issue to work order; work order receipt)

Product #2 – imperfect slices, but perfectly edible (do a negative issue to work order to create inventory)

And **offal** (again, a negative issue to work order to create inventory).

Addressing this product structure without Advanced Repetitive was just one of several challenges Eagle faced. David summarized them as follows: physical facilities, regulatory requirements, optimization of processes and, most important of all, food safety.”

Eagle dealt with the **facilities** issues easily:

- Solid meat products don’t freeze at 32 degrees (F) but at or below 28 degrees. As Eagle promised, those very low temperatures were not a problem for the RF terminals. Even the thermal transfer printers operated successfully with the addition of enclosures to keep them at the correct temperatures.
- The need to keep the buildings themselves at low temperatures dictated a well-insulated facility – with thicker than average walls. From Eagle’s perspective, that meant simply adding RF access points.

The **regulatory requirements** demanded greater creativity. In the meat industry, producers must keep track of 100% of product in case of a mandated recall. Eagle worked with WLF to set up a simple process for accomplishing this, addressing by- and co-products as well as the offal. (See above figure.)

In order to comply with the USDA Lot Tracking requirements to track all of the product through the entire system, Eagle worked with WLF to palletize everything – no matter how small. This enabled them to put a value in the item master for even the smallest quantities. For example, a pallet of spice may be split off into 500 transactions to give a pallet id of 2 pounds (the number used at a given time) for the work order.

On the **processing and food safety front**, Dave had this final comment: “When you’re processing 20,000 turkeys a day, the value of accurate, real-time information is incalculable. We can’t afford the human error that often occurs with data collection, and we don’t want to have to wait 24 hours to see the numbers. By automating the transactions and capturing the information in real time, Eagle enabled us to deal with both of these challenges at once.”

The company plans to begin using RF Express for MFG/PRO at the Mount Pleasant facility in early 2007. WLF’s next plant, located in Utah, will also use RF Express for MFG/PRO.



ANNOUNCEMENTS AND EVENTS

In North America

Eagle Consulting and Development, Inc. is working with QAD to incorporate an integrated RFID EPC Compliant Solution into the QAD enterprise applications.

This will allow QAD and Eagle's customers to utilize the QAD database as the official repository of EPC RFID data and give them the ability to send RFID EPC ASN's to their customers.

In Europe

Development

Eagle Europe has added a local development team to work in conjunction with the main product development group at the corporate office in New Jersey, USA.

Staffing

Eagle Europe has also expanded its language capability and now has staff fluent in French, German, Dutch and Russian as well as English.

Events

Eagle Europe is proud to be a Gold Sponsor of Explore EMEA to be held in Prague this November. In addition to its sponsorship, Eagle will co-present, with QAD, "QAD and Eagle: RFID the Reality."

In Asia Pacific

Eagle is pleased to announce the formation of Eagle Consulting & Development Australia Pty Ltd.

Check out the latest news about Eagle and its partners at the Eagle Newsroom: www.eaglecondev.com/newsroom.htm

Eagle Marketing Assistance Partners

These organizations provide sales and support to RF Express for MFG/PRO users.

Minerva Holding A/S (Nordic)

Ph: +45-7025-4400
www.minerva-it.com

Minerva Industrial Systems (UK)

Ph: +44-1242-211211
www.minervapl.com

PICS*

Ph: 1-609-702-3900
www.pics.com

QAD South Africa

Ph: +27-11-807-6660
www.qad.com

RCM Technologies

Ph: 1-248-426-1200, ext. 200
www.rcmt.com

SYS-TEC Corporation

Ph: 1-734-854-3000
www.sys-tec.com

* In addition to sales and support, PICS also provides implementation services for RF Express for MFG/PRO.



PROJECT UPDATES

North America

AGS Automotive Systems

www.agsautomotive.com

AGS Automotive Systems provides a variety of metal products, ranging from bumper products to general stampings including, but not limited to, instrument panels, impact beam assemblies, frame assemblies, control arms, and pickup box assemblies. AGS is a full-service supplier, with capabilities in stamping, plating, painting, injection moulding, as well as services including sequencing and assembly. The company's corporate/manufacturing site is in Scarborough, Ontario, with additional manufacturing sites in Ontario and Michigan.

AGS Automotive will be adding the RF Express for MFG/PRO Inventory Management and Advanced Repetitive modules to its existing Enhanced Shipping module deployment. AGS Automotive has been using the Enhanced Shipping module for over a year. Now, new and existing sites will benefit from real-time production reporting.

The RF Express for MFG/PRO Kanban Backflush (BKN) transaction will be used by scanning an electronic Kanban number that represents an item and standard pack quantity. This streamlined transaction reports production, relieves components, and generates a work-in-process (WIP) or finished goods container label. In addition, raw material will be received and transferred using the Purchase Order Receipt (POR) and Transfer (TRN) transactions.

Algonquin Automotive

www.algonquinauto.com

Algonquin Automotive manufactures automotive and truck accessories, including running boards and spoilers, at its facilities in Huntsville, Ontario.

Algonquin Automotive has deployed the RF Express for MFG/PRO Enhanced Shipping and Honda "Bolt-On" software modules to provide real-time shipping transaction updates to QAD. RF Express for MFG/PRO generates all Honda-required labels and shipment picklists based upon inbound EDI data. The shipment picklist validation is a central requirement of the Honda Star/Delta/GPCS/VC2 process.

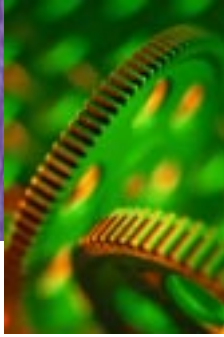
When a child container is scanned, RF Express for MFG/PRO checks that the proper item and quantity are attached to the shipper. The operator receives immediate feedback if there is an item or quantity discrepancy. In addition, container pack size and ship-to are checked to meet Honda requirements.

After all containers have been scanned, the operator receives a "Picklist Reprint Verification" that indicates the pick status of all items on the release. The Enhanced Shipping module provides child/master container label generation and shipper build functionality for destinations other than Honda as well.

Eagle Worldwide Hardware and Technology Partners

- **Hewlett-Packard**
- **IBM**
- **Intermec Technologies Corporation**
- **PICS**
- **Progress Software Corporation**
- **RCM Technologies**
- **Zebra Technologies**

(continued on page 6)



PROJECT UPDATES

North America

(Project Updates continued from page 5)

Casco Products

www.cascoproducts.com

Casco Products, with domestic manufacturing plants in Mississippi (MS) and Kentucky (KY), produces cigarette lighters and power outlet assemblies for the automotive industry.

Casco Products successfully rolled out RF Express for MFG/PRO at their Marks, MS and Morgantown, KY production and distribution facilities. Casco Products extensively uses the RF Express for MFG/PRO Inventory Management, Advanced Repetitive Management, Honda, and Enhanced Shipping modules. Casco Products' data collection requirements were completely accommodated using standard RF Express for MFG/PRO by manipulating Eagle's table of configurable switches – called 'rfvalues'.

This highly flexible table features in excess of 2,000 site-maintainable configuration switches. Modifications to the 'rfvalues' table can be loaded, tested, and implemented in a matter of minutes – without changing any code. RF Inventory Management transactions, including RF Purchase Order Receipt with real-time label printing and RF Transfer, efficiently track raw materials from receipt dock to production floor. Casco uses RF Backflush to quickly report production in real-time right on the shop floor. RF Backflush also creates QAD container records and prints automotive industry-compliant AIAG labels to match the inventory updates. Validated shipping and final customer-compliant label printing is performed at the shipping dock through RF Load Truck.

For information about Eagle in North America, call Eagle's Corporate Headquarters at 1-973-838-5006.

Continental Structural Plastics

www.cspplastics.com

Continental Structural Plastics facilities in Louisiana (LA), Michigan (MI), and Ohio (OH) manufacture compression molded fiberglass/plastic structural components for the automotive and air conditioning industries.

Continental Structural Plastics successfully completed Phase one implementations of the RF Express for MFG/PRO Advanced Repetitive and Enhanced Shipping modules at their Sarepta, LA and Conneaut, OH facilities. Easy to use real-time RF transactions and industry-compliant label printing are critical to Continental Structural Plastics. Shop floor production reporting is accomplished through RF Backflush with minimal prompting. RF Express for MFG/PRO transactions print a variety of item identification labels that are affixed to individual parts to meet customer requirements. Validated shipping and final customer-compliant container label printing are performed at the shipping dock with handheld RF terminals using RF Load Truck and RF Verify Load.

JSP

www.jsp.com

JSP is a leading manufacturer of expanded plastic foam products.

JSP rapidly implemented the RF Express for MFG/PRO Inventory Management, Advanced Repetitive, Enhanced Shipping modules at their Butler, Pennsylvania plant. Real-time inventory tracking, production reporting and automotive industry-compliant label printing are critical requirements at JSP. JSP successfully uses a highly

(continued on page 7)



PROJECT UPDATES

North America

(Project Updates continued from page 6)

streamlined version of Eagle's RF Kanban Backflush to report production with just a few user prompt responses. The RF Repack transaction was developed to JSP's specifications to efficiently allow users to split containers into new packaging configurations and print corresponding labels right on the warehouse floor. Final shipping verification against a picklist is performed at the shipping dock with RF Load Truck on handheld RF terminals.

Jernberg Industries, Inc.

www.jernberg.com

Based in Chicago, Illinois, Jernberg Industries, Inc. forges steel to produce transmissions, suspensions and drivetrain and engine components for the automotive, truck and motorcycle industries. On an annual basis, Jernberg manufactures over 25 million parts.

Jernberg Industries, Inc. has deployed the RF Express for MFG/PRO Inventory Management, Advanced Repetitive and Enhanced Shipping modules to provide real-time inventory, production and shipping transaction updates to QAD.

The RF Express for MFG/PRO Inventory Management module provides simplified material receiving: Vendors supply product with the Jernberg Industries, Inc. purchase order number bar-coded on the label. The material receivers scan the vendor label to receive.

For production reporting, Jernberg Industries, Inc. uses the RF Express for MFG/PRO "label as Kanban" functionality. Customer-required labels are generated using a standard Eagle maintenance screen that creates the labels with any required data from the QAD customer part cross reference as well as the eCommerce Turn-around Data tables. The labels are then scanned to report production using the Eagle Kanban Backflush.

Then, the shipping department operator performs the Load Truck (LTR) transaction to attach child level and/or master containers to a shipper that is created "on the fly." The shipping department operator then prints the required shipper and bill of lading documents from QAD.

UpTime Parts

www.uptimeparts.com

UpTime Parts is a supplier of walk-in truck parts and solutions.

UpTime Parts is using the RF Express for MFG/PRO Inventory Management software module at multiple sites. The RF Express for MFG/PRO Purchase Order Receipt (POR) transaction has advanced UpTime Parts functionality to automatically identify incoming material that is required for pending sales orders. The POR transaction generates a label for this material and transfers it to a designated location. This logic saves personnel from double handling parts that are needed immediately. Individual product labels are generated during the receipt as well.

The POR also generates a separate label for the material that does need to go to the warehouse. In addition, transfers are performed in real-time via the RF Express for MFG/PRO Transfer (TRN) transaction. The Cycle Count transaction assists with quick inventory counting and analysis. As a result of the real-time scanning transactions, inventory velocity and accuracy are increased.

(continued on page 8)



PROJECT UPDATES

(Project Updates continued from page 7)

Asia Pacific

BGC (Australia) PTY Ltd

<http://www.bgc.com.au/>

BGC is a group of companies based in Western Australia with interests in residential and commercial building, as well as supplying many of the materials for their own building projects. BGC has many other interests, including road transport, quarrying and more.

Most of BGC's 17 sites throughout Australia currently use QAD enterprise applications, and the company has now implemented Eagle's RF Express for MFG/PRO for its "Builders Supplies" operation in Perth. Against unusually tight deadlines, Eagle Australia's first installation was instrumental in helping BGC to complete the annual physical inventory stock check prior to fiscal year end (June 30).

BGC will next use RF Express for MFG/PRO for purchase order receiving, inventory movements, sales order pick and shipping functions at its operation in Canning Vale.

For information about Eagle in Asia/Pacific, contact Singapore-based Ian Watts at +65-6827-9091.

Europe

Kyphon

www.kyphon.com

Kyphon's mission is to be the recognized global leader in restoring spinal function through minimally invasive therapies. Balloon Kyphoplasty is a minimally invasive treatment for spinal fractures caused by osteoporosis or cancer. By achieving fracture stabilization and correction of spinal deformity, patients experience significant reduction in pain and improvement in mobility, thus reducing the number of days in bed and increasing overall quality of life.

Kyphon set an aggressive timescale for the implementation of RF Express for MFG/PRO at its site in Neuchatel, Switzerland. The company needed Eagle Europe to be able to implement a system to control all the internal stock transfers and shipments within four weeks from signing contracts to go-live. Working closely with Kyphon, Eagle Europe implemented RF Express for MFG/PRO that is now used for :

- Transfer of product from the goods receiving bay into inspection area.
- Transfer of product from the goods receiving bay onto warehouse racking.
- Transfer and re-introduction of product from the inspection area onto warehouse racking.
- Transfer of product from any location to any location.
- Cycle Count of Raw Materials
- Inventory inquiry by item
- Picking of detailed allocated stock ready for shipment

Despite the very tight time scales, the implementation was completed on time and within budget. All internal stock movements are controlled by RF Express for MFG/PRO.

Kyphon is currently building a manufacturing facility at Neuchatel to be completed next year.



NEW CONTRACT AWARDS

North America

ANH Refractories Company www.anhrefractories.com

ANH Refractories Company is a family of companies that provide high-grade fireproof ceramic refractory products and services for high-temperature applications in the cement and lime, energy, chemicals, non-ferrous metals, glass, iron and steel, and environmental technology industries.

ANH Refractories Company will use the RF Express for MFG/PRO Inventory Management, Work Order Management, Warehouse Management and Enhanced Shipping modules. RF Express for MFG/PRO will provide integrated labeling with real-time finished goods production reporting and warehouse picking update. ANH Refractories Company intends to rollout RF Express for MFG/PRO to multiple sites.

Avery Dennison Industrial Products Division www.averydennison.com

The Company is best known for its Avery-brand office automation and consumer products, Fasson-brand self-adhesive materials, reflective and graphic materials, peel-and-stick postage stamps, industrial labeling solutions, specialty tapes and performance polymers.

Avery Dennison is continuing its deployment of RF Express for MFG/PRO to new divisions including Industrial Products. Avery Dennison will use the RF Express for MFG/PRO Inventory Management, Work Order Management, Warehouse Management, Enhanced

Shipping and Honda "Bolt-On" software modules. RF Express for MFG/PRO will provide streamlined inventory management, production reporting and shipping. Also, customer-specific labels will be generated using real-time EDI data directly from QAD.

Avery Dennison Mexico www.averydennison.com

Manufacturer of Roll Goods and Sheets of Labels

Avery Dennison Mexico will use RF Express for MFG/PRO to manage raw materials inventory, production reporting and customer sales order picking.

Avery Dennison: RFID Division www.rfid.averydennison.com

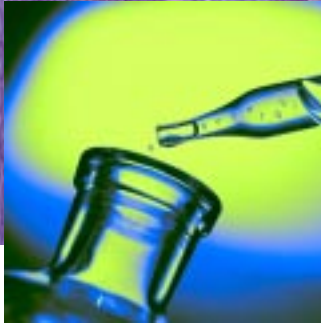
Avery Dennison RFID, a business unit of Avery Dennison Corporation (NYSE:AVY), manufactures and markets RFID inlays through a network of label converters to serve the consumer packaged goods and pharmaceutical industries, as well as the U.S. Department of Defense. With design, testing and manufacturing facilities located in the U.S. and Europe, Avery Dennison RFID is a leading provider in the global RFID marketplace.

The company will deploy Eagle's RF Inventory Management, Work Order Management and Shipping modules in support of its manufacture of finished goods RFID labels. From RFID chips to RFID inlays to RFID labels, the product and process are subject to stringent testing requirements. Both raw materials and finished labels are lot controlled.

Circor Energy Products www.circorenergy.com

Circor Energy Products is a worldwide leader in the design, manufacturing and supply of on/off, control and safety valve solutions for all phases of the energy industry. Applications range from land based well hookups to the most complex off shore platforms in the world.

(continued on page 10)



NEW CONTRACT AWARDS

North America

(New Contract Awards continued from page 9)

The Circor Energy facility in Oklahoma City will roll out the RF Express for MFG/PRO Inventory Management, Work Order Management and Warehouse Management modules. Real-time streamlined transactions and increased inventory accuracy will be key elements of this implementation.

DriveSol Worldwide, Inc.

www.drivesol.com

DriveSol Worldwide manufactures over 3.5 million electronic throttle control units (ETCs) per year in North America, Europe and Japan, offering both contact and non-contact ETC technology. In addition, DriveSol provides over 2 million fixed pedal assemblies which combine the brake, clutch, and ETC pedal in one unit. At its facilities in Ohio (OH) and Indiana (IN), DriveSol manufactures pedals, adjustable pedals and electronic throttle controls for the automotive and truck industries.

DriveSol is implementing the RF Express for MFG/PRO Inventory Management, Advanced Repetitive and Enhanced Shipping modules. Easy-to-use, real-time RF transactions and industry-compliant label printing are essential to DriveSol. Phase one go-live will include DriveSol facilities in Kendallville, IN and Lyons, OH.

Haddon House Food Products, Inc.

www.haddonhouse.com

Beginning as a local distributor of olives and pickles in the Philadelphia, Pennsylvania area, Haddon House has become the largest independent distributor of specialty gourmet, natural, ethnic, dairy and frozen foods in the U.S. Haddon House markets and distributes over 15,000 products from a selection of more than 1,000 brands.

Haddon House will use RF Express for MFG/PRO to manage the receipt of pallets of finished goods products and the warehousing and movement of pallets prior to customer order case picking.

Sugar Foods Corporation

www.sugarfoods.com

A manufacturer of packaged dry goods and provider of an extensive line of quality food products featuring some of America's most recognized brands for virtually every segment of the food industry. Sugar Foods Corporation has production facilities in the United States and Mexico.

Sugar Foods will use RF Express for MFG/PRO to manage their raw materials inventory and production reporting.

Europe

Energys

www.energysinc.com

Energys is the global leader in stored energy solutions for industrial applications. The company complements its extensive line of motive power, reserve power, aerospace/defense and specialty batteries with a full range of integrated services and systems.

Energys has started an implementation of RF Express for MFG/PRO and QAD enterprise applications at its site in Newport, South Wales. The company anticipates that its new system will cover all transactions from purchase order receipt, through manufacturing to shipping. The project will be run in

(continued on page 11)



NEW CONTRACT AWARDS

Europe

(New Contract Awards continued from page 10)

three phases: The first will concentrate on all goods-in transactions; subsequent phases will cover shipments and manufacturing.

Kyphon

www.kyphon.com

Since its founding in 1994, Kyphon has been dedicated to improving patient quality of life through revolutionizing the practice of medicine. Kyphon's mission is to be the recognized global leader in restoring spinal function through minimally invasive therapies.

Kyphon has purchased a Warehouse Management and Inventory Management license for its warehouse in Neuchatel, Switzerland. Kyphon plans to use RF Express for MFG/PRO to record all stock transfers and shipments at this new facility. Further information can be found under the project update section.

Moog

www.moog.com

Moog is a worldwide manufacturer of precision control components and systems. Moog's high-performance actuation products control military and commercial aircraft, satellites and space vehicles, launch vehicles, missiles, and automated industrial machinery.

Moog in Europe has selected RF Express for MFG/PRO for a pilot project at their operation in Toulouse, France. This project will cover Purchase Order Receipts, Issues, Transfers of stock and Cycle Counting. Eagle is also implementing new SSM capabilities.

Stadco

www.stadco.co.uk

Stadco is a Tier 1 supplier of automotive Body-in-White products and services. Core capabilities include aluminum and steel pressings, assemblies and product and facility design. Solutions from niche to high volume are provided. Today, Stadco supplies over 150 million such parts annually to the world's leading automotive manufacturers from six plants in the UK and one in Germany.

Stadco has purchased an initial license to pilot the software at its site in Powys, Wales. The intention is for Stadco to move away from in-house developed barcode systems to a standard solution based on RF Express for MFG/PRO. Stadco will use RF Express for MFG/PRO to control all finished goods inventory transactions from production recording to shipment.

Tsubakimoto UK

www.tsubaki.co.uk

Tsubaki provides power transmission products to a number of key markets, including automotive.

Tsubaki has completed the functional design phase of its implementation process and has recently purchased a system. The key objectives for this implementation are to (1) containerize goods that are produced for their many automotive customers, and (2)

use the containerization to create accurate and detailed information for the ASN's sent out to customers. Tsubakimoto is currently piloting RF Express for MFG/PRO at its plant in Nottingham, England and looking to go live later this year.

For information about Eagle in Europe, call +44(0)-1451-812266 and ask for Roger Teagle (UK) or Eric Delacourt (France).