Overcoming the Challenges of Production Tracking

Production Tracking or Shop Floor Data Collection is a crucial requirement to allow for successful management of not only production processes but also of stock and physical and human resources.

Many Production Management Systems are very hard to use and require many complex business rules to be followed. In many production environments the main requirement is often a flexible approach and close integration to the SYSPRO system without trying to add an additional layer of control.

TransLution™ allows users to scan and track people and materials in an easy to use fashion. Using EazyScan and EazyTouch on RF Scanners and TouchScreen PCs, TransLution™ communicates with barcode label and report printers, scanners and scales across the factory. From scanning raw materials to the factory floor to issuing items to jobs, to scanning finished goods off the line and posting job receipts, TransLution™ delivers a complete solution to meet your needs.

Benefits of using TransLution™ for Production Tracking

- Simplified movement of stock to the production area
- Direct Scanner based issues of raw materials to a production job
- Scanner based receipts of finished goods from a production job
- The ability to track hours worked in addition to materials consumed
- Integration with SYSPRO and the ability to post transactions directly
- No duplicated data
- Improved visibility and tracking
- Integration with other TransLution™ modules in particular Quality Manager
1. Scan for Specific Issues
The most simple way to record items that are used in a manufacturing process is to scan them as they are moved onto the machine. TransLution™ allows posting of each individual item as it is used.

2. Group and Sum for Kit issues
Often people do not have the facilities to invest in scanners at each point where raw material is consumed so they prefer to record a completed item coming off the production line and to use the bill of materials to calculate what was used to make this product. This mechanism is very popular and widely used to decrease raw material stock levels.

3. Job Receipts
Whichever mechanism is used to consume raw materials, as finished goods as manufactured, they can be receipted into SYSPRO and the finished goods stock levels will be increased.

4. Backflushing
In the SYSPRO environment, backflushing is a way to consume raw materials and increase finished goods stock levels without having the complexities of jobs in the system. TransLution™ supports backflushing.
Recording Other Production Data
In some environments there may be a requirement to post more than just production quantities to SYSPRO. An example of this is production data being fed to TransLution™ Quality Manager and only after the required quality data has been captured will SYSPRO be updated either with quantities of product that have met quality standard or with products that have failed and need to be rejected or reworked.

Posting Time Spent on a job
While many people focus on tracking the materials in a production environment, a forgotten component is to track the time people have spent on the production process. SYSPRO allows the tracking of setup time, teardown time and production time. TransLution™ can post any of this information to SYSPRO. Users can either enter the time they spent using the scanner or a touchscreen device or TransLution™ calculates the time spent based on user logon and scanning activities.

Closing Jobs
At the end of a production process, the last step is to Complete the production job. This allows the financial transaction related to the job to occur and the stock manufactured on the job is now available for sale or for use in another manufacturing process.
**TRANSLUTION™ PRODUCTS**

**TransLution™ EazyScan**

EazyScan uses hand-held scanners to provide instant availability of process information which results in maximum control, increased information accuracy, traceability reporting and improved decision making.

**TransLution™ EazyTouch**

EazyTouch runs on a standard PC or touchscreen where screens are configured to include only those operations relevant to each process including buttons to print labels, view picking orders, stock count data or reveal production instructions.

**TRANSLUTION™ IN USE**

**Quality Management**

Promotes compliance during the sampling process and ensures accurate recording of product quality and environmental factors during the production process. Quality Manager supports legislative requirements enabling traceability and product recalls.

**Repairs Management**

In a repair shop, tracking jobs and parts and monitoring the repair progress can be a challenging task. TransLution™ allows you to seamlessly track the entire repair process, including materials used and time spent on the repair.

**Warehouse Management**

A wide range of inventory management functions are supported from PO receiving, WIP transactions, GIT transactions, standard Inventory Transactions and Sales Order processing. Posting directly to SYSPRO allows for accurate stock control and warehouse management.

**Manufacturing**

Accurate accounting of manufacturing costs requires detailed and timeous capture of both labour and materials data. Scanning and capturing data during a job or while moving a product allows for tighter controls in order to reduce waste, improve stock accuracy and increase productivity.

**TRANSLUTION™ CLIENTS**

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- Food Processing & Manufacturing
- Automotive Components
- Mining
- Steel Products manufacturing
- Electrical Components

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