

Real-Time ERP for Macola

WiSys has tools that can move the reporting of material and production to a Device or a desktop work center, whether using Macola's Production Order Processing (POP) module or the more robust Shop Floor Control production system.. Reporting of material, production, operations, and labor happen at the first touch point in the organization providing real-time data for both material and production status. Only through real-time reporting can views to real-time data be achieved. Operations, Customer Service and Executives can then view this data with the confidence to improve the way they manage the business.

POP Execution

The Production Order Processing module from Macola provides users with a simple and powerful lean process designed to backflush Bill of Material Components and record finished good inventory. WiSys POP Execution (PPE) takes this simple process and makes it relevant to the warehouse by allowing you to identify Bill of Material components as material that should be issued to a POP order instead of simply backflushed. This is particularly important when your raw materials are serialized or lotted because the material picker is specifying the unique serial or lot number at the moment the material is picked and associated to a specific order. Typically, this is done on a mobile data collection device and can also be done at a workstation using WiSys POP Desktop. Items, Bins, Lots and Serial Numbers are scanned in the stock room eliminating the need to record these transactions on paper and later enter them into pop screens at material reporting.

The WiSys POP Execution solution extends the capabilities of the Macola POP solution and can be used in conjunction with Macola POP for POP Order Creation and Release. It also uses an extended material model that allows the exact reporting of components used with the automatic calculation of variances in both a standard cost and average cost environment. Material issue, return and production reporting are then done exclusively in WiSys to take advantage of this extended capability. POP production of Finished Goods can also be recorded using a mobile data collection device or on a workstation using WiSys POP Desktop. At the time of production, serial or lot information as well as bin location will also be identified and recorded in Macola. POP production is also the transactional event where you can identify and build a pallet for your finished goods using WiSys Pallet Management.

Shop Floor Execution

WiSys Shop Floor Execution (SFE) is a robust, yet simple to use solution that makes Shop Floor data collection in the warehouse easy. With WiSys Shop Floor Execution (SFE) you can issue and return raw materials to a Shop order as well as report production using either a mobile data collection device or on a workstation with WiSys Shop Floor Work Center Reporting (SFWCR). SFWCR also integrates with Macola Labor Performance allowing personnel to clock in and out creating clock cards and to clock in and out of operations creating labor transactions.

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WiSys Shop Floor Work Center Reporting (SFWCR) brings real time transaction entry to both Progression and Macola ES (Pro) Shop Floor Control. WiSys Shop Floor Work Center Reporting (SFWCR) is composed of a transaction entry screen designed to accept bar coded entry of Shop Order and Labor transactions at the work center as work is being started and completed. A setup screen provides options as to how the data is to be reported and how manufacturing employees record SF transactions. For example, a setup option to not allow a clock in after 16 hours to identify open labor transactions not completed from the prior day.

Real-time Data Collection provides:

- Up-to-Date Job and Labor information
- Reliable Job Status
- Accurate Job Cost Information for improved standard costs and variances

About WiSys

WiSys provides Macola ES (Pro) and Progression users a full suite of Supply Chain Management (SCM) solutions that are built on a highly Adaptable Framework called Agility, which allows you to tailor a Supply Chain solution to fit your business processes.

WiSys Supply Chain Management (SCM) solutions include Warehouse Management (WMS), Manufacturing Execution, Order Fulfillment and Operational Performance Management (OPM). Additionally, if you are a software developer you can also take advantage our Developers SDK, which allows you to access our library of Macola Business Objects from your .Net or COM development environment.