

# Work Orders

## Driving discrete manufacturing processes with a complete cost and scheduling system.

glovia.com Work Orders is a comprehensive system for managing all work order-related information and activities, from opening work orders and handling work-in-process transactions, through coordinating and evolving your production lines.

### Flexible Work Orders Structure

Work Orders gives you the flexibility you need to effectively handle virtually any work order requirement - whether it be for building engineering prototypes, finished products and subassemblies, or for managing an entire development project. The multiple line architecture allows you to schedule dates for multiple production runs or to build various combinations of items and/or value-added item components.

### Backflush Operations

Optimal production operations often require discrete as well as repetitive manufacturing styles. Work Orders delivers the “best of both worlds” by allowing users to simultaneously support a hybrid manufacturing environment, with capabilities for both discrete and repetitive backflushing.

### Robust Outside Processing

Work Orders allows you to attach a Purchase Order (PO) to a Work Order (WO), so that completed PO items can be received back into their designated work center on the original WO routing. This simplifies the paperwork required for outside processing and provides full inventory visibility, management and control.

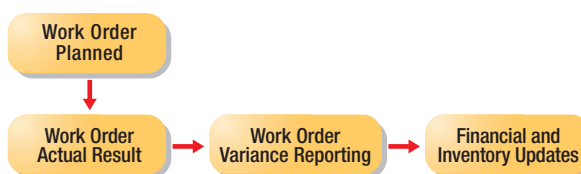
### Complete Integration

Work Orders are fully integrated with other glovia.com applications to assist with the management of your discrete manufacturing processes. All financial transaction data is available for General Ledger posting.

### Bills of Materials and Routings

For each manufactured line item on a WO, the system provides a bill of materials and routing. Work Orders also provides the ability to include configured items on a WO's BOM. This gives you the opportunity to use

### Work Order



existing product versions, or to tailor product configurations on-line in response to current production conditions or unique customer requirements. You can make changes, for example, to accommodate substitutions based on material availability, production capacity, operational methods, tooling and customer specifications. These unique records also provide the basis for order tracking, cost auditing and the as-built product configuration control documentation.

### Multiple Costing Methods

When dealing with a range of products or projects, a flexible cost collection system is needed, one that is not limited to a single costing method. Standard, Average and Actual costing variances are easily visible. Work Orders provides the flexibility to select the cost methods most appropriate to the job at hand. Cost collection and accounting methods can be based on the item being built or the type of work performed.

### Work-in-Process Visibility

You always have instant and accurate visibility to your current investments in work-in-process inventory. Each Work Order provides an on-line valuation of the materials used and value-added costs. The total value of completed items is tracked for easy comparison to the planned work order costs and accumulated detail costs. Labor and machine efficiency data is generated and all transaction activity is tracked and calculated for financial posting and reporting.

## Work Orders Capabilities

- Stock items built for inventory
- Non-stock items
- Non-standard one-time items
- Non-production jobs or projects
- Support of alternative configurations and processes
- Automatic calculation of start dates from lead times.
- Trial-kitting analysis
- Backflush by WO operation
- Outside Processing
- Work Order statuses

## Work Order Information

- Standard cost or average cost
- Estimated cost
- Floor stock issue-from location
- Rework and ship assignments
- Project identification
- Customer and sales order
- Next assembly and work order

## Material Commitments

- Processing of commitments on-line or in batch mode
- View material availability and potential shortages
- Automatic calculation of need-by date
- Provision for unplanned issues, scrap, lost or defective items
- Reversals for returns or reclaimed materials
- Stock dispositioning to pegging reference

## Pull Ticket Issues

- Individual or range of tickets
- Multiple location pulls
- Lot and serial controlled items
- Phased need-by dates

## Picklist Issues

- Kit all items for an order with a single document
- Issue all items due for an order
- Posting of floor stock items at work order close

## Work-in-Process Transactions

- Shop packet with bill of materials and routing information
- Labor and machine times and rates
- Outside processing activity and costs
- Direct material charges
- Scrap transactions for assembly, component and operation
- Integration with Engineering Change Orders

## Work Order Completions

- Report quantities or percentages
- Completed goods moved to inventory or to a work order
- Automatic assignment of lot and serial numbers
- Completion tolerances

## Work Order Closes

- Separate manufacturing and financial close
- Close short
- Reversal capability
- View costs and variances

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