Tool and Gauge Management

An integrated module designed specifically for managing your tooling and gauge assets and resources.

glovia.com Tool and Gauge Management application is a system for managing all functions pertaining to tool and gauge inventory, tracking, and calibration.

Fully Integrated System

glovia.com Tool and Gauge Management is a fully integrated application designed to interface with glovia.com Work Orders & Repetitive Schedules to control and track the movement of all types of tools and gauges used in the manufacturing process. The system handles reservations, assignments, tool and gauge calibration requirements, reworks, purchases, and costing.

Used in conjunction with the Advanced Planning System, Tools defined in this module may be used as constraints in the planning process. Once flagged as being a 'tool' the system allows the definition of further characteristics.

Tools have additional definitions that include usage costs, dimensional data and information on calibration or quality assurance cycles as well as ownership, type and category for analysis purposes.

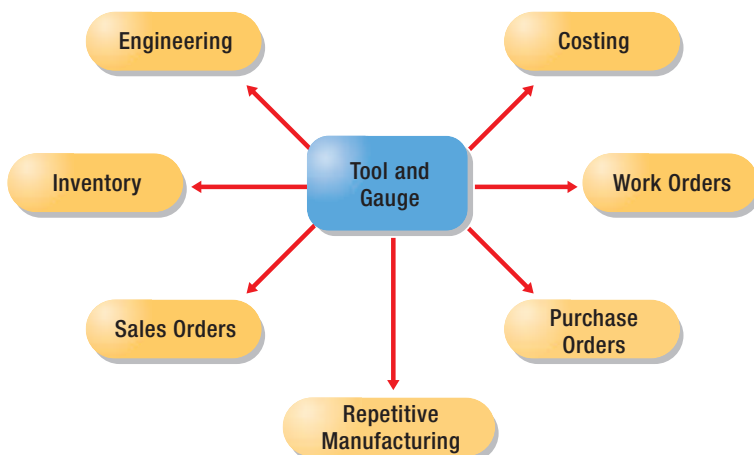Tools may be durable or consumable and may have Bills of Materials.

When attached to a routing step, either for a Works Order or a Repetitive Schedule, they are seen as demand by the system. Tools can be kitted and issued and returned to inventory.

Tools that have passed their calibration counters, which may be defined by issues, days or actual usage, cannot be issued and must be processed by standard glovia.com MRB functionality. This includes Inspection, re-work, return to Vendor, use-as-is, scrap, etc.

Specific tool inspection routines are available, allowing the operator to record dimensional changes and to view historical data during the inspection process.

Tool Costs are accumulated to the Work Order or Repetitive Schedule. Costs of tools returned, perhaps after failure, can be left in the job or removed from it.

Integration

Engineering — Costing — Inventory — Tool and Gauge — Work Orders — Sales Orders — Purchase Orders — Repetitive Manufacturing

GLOVIA

A comprehensive set of Inquiries and Reports allows the user to monitor tool usage, issues, history, current demand, where used, calibration, etc. and to see what tools are in use at any time.

Definition

- Extended Tool & Gauge definition
- Dimensional details with dimension codes
- Usage counters
- Tool Analysis
- Counter maintenance

Inventory Control

- Multiple inventory locations
- Monthly inventory reconciliation
- Ability to locate items in bins, in use, in quarantine, or being reworked
- Item labels
- Expanded tool descriptions

Costing and Calibration

- Tool Usage costs for actual costing
- Usage tracking by days, issues or processes
- Last Calibration Date and History
- Automatic diversion of Tools exceeding usage counters
- MRB functionality to process tools.

Order Processing

- Tools defined on the routing step
- Direct Issues or by Kit List
- Tool Returns with options for Costing

Planning

- Supply & Demand Inquiry
- Used as resource constraints by APS