

Microsoft® Business Solutions Manufacturing—Great Plains®



Engineering Change Management

Using Engineering Change Management, you can manage customers' changing needs while keeping those changes from disrupting your production efforts.

Engineering Change Management provides an easy method for collecting, reviewing and authorizing proposed changes to products and production methods. Engineering Change Requests are used to log all proposed changes, automatically assigning these documents to authorized individuals for review before implementation, which allows you to avoid making changes to your production process before the implications have been considered. Once accepted, Engineering Change Requests are converted to Engineering change orders, which are used to document and control the process of updating inventory records, bills of material, routings—even current manufacturing orders.

Engineering Change Management incorporates revision levels and effective dates, making change easier to manage. User-defined disposition information can be used to specify the expected outcome of each engineering change notice, and engineering change statistics help track the volume of change requests being processed and identify those that are out of date.

Key Features

- The system provides an easy method for collecting, reviewing and authorizing all proposed engineering changes to your products and production methods.
- Advanced query function identifies, across all modules, any affected items resulting from a given engineering change notice.
- Built-in workflow capability assigns people to review a change notice before it takes effect.
- Revision levels and effective dates are tracked for items being changed. On-line, user-defined disposition information specifies the results of an engineering change notice.
- Notification of active engineering change notices occurs on-line for any affected item in any module.
- Engineering change statistics help track the volume of change requests being processed, and identify those that are out-of-date.

Engineering Change Management also requires the Bill of Materials and Manufacturing Order Processing modules to operate.

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