

# Manufacturing

## BENEFITS

### Support customer satisfaction.

Ensure that engineering changes yield production efficiency—while controlling costs—and help maintain high levels of customer satisfaction.

### Improve visibility for better decision making.

Identify items affected by engineering change orders (ECOs) with advanced query capabilities. Detailed historical records of ECOs help management understand why changes have been made and how they impact profitability.

### Ensure efficient production.

Eliminate the potential for confusion on the shop floor with better organized and more accessible engineering change information. Help ensure that product builds follow correct revision models without having engineers walk the floor, communicate manually, punch revision stamps, or make new bills of materials or routings.

### Closely monitor implementation of change orders.

Monitor engineering more effectively with ECO aging functionality, ensuring that authorized changes move forward expeditiously.

## Engineering Change Management in Microsoft Dynamics GP

Keep pace with accelerating markets. Engineering Change Management in Microsoft Dynamics™ GP provides manufacturers with easy ways to collect, organize, and review changes to orders before they're authorized. Adjust processes and components to accommodate new technologies and customer changes while maintaining or improving efficiency and profitability.

EC Number	ECM0001	Date Entered	5/16/2005
Short Description	Need to change bell	Effective Date	
Item	BELL100	Status	New
Item Description	Phone Bellissimo	Prev. Rev. Level	
Entered By	LESSONUSER1	New Rev. Level	
Requested By	AARONFIT0001	Denial Code	
Drawing Group		Disposition Code	
		Date Completed	

EC Number	ECM0004		
Start Date	0/0/0000	End Date	0/0/0000
Buyer ID			
Planner ID			

BOMs | Routings | MOP | POP | SOP

Documents

- 1000-LG
- BA100G

*REQUEST CHANGES EASILY from a simple common form.*

*EDIT PROCESSES when changes are validated by authorized personnel.*

## FEATURES

## ENGINEERING CHANGE MANAGEMENT

<b>Consolidation of Engineering Change Information</b>	Consolidate engineering change information data in a single repository that makes it easy to collect, organize, analyze, and authorize proposed engineering changes to products and production processes.
<b>Advanced Query Functionality</b>	Easily identify all elements affected by a proposed engineering change—across all manufacturing modules—with advanced query capabilities.
<b>Workflow</b>	The built-in workflow automatically assigns engineering change requests to appropriate personnel for review and authorization, helping ensure that the effects of change are thoroughly considered before implementation.
<b>Revision Control</b>	Closely track product model revision levels and effective dates for all items that are affected by ECOs. Online, user-defined information about the effects of changes make ECO results clear throughout the organization.
<b>Notification of Engineering Change Order Aging</b>	Notification of engineering change order aging makes it easy for managers to monitor engineering implementation of orders, helping ensure timely implementation of decisions.
<b>Statistical Repository</b>	Engineering change statistics track the volume of engineering change requests in process and identify requests that are out of date.
<b>Request and Edit Functionality</b>	Empower any employee in your organization to request an ECO through the Request screen. Requests can be validated, confirmed, and communicated easily by authorized personnel via the Edit screen.

For more information about Engineering Change Management in Microsoft Dynamics GP, visit [www.microsoft.com/dynamics/gp](http://www.microsoft.com/dynamics/gp).