

## Engineering Change Order

The Horizons Engineering Change Order module, available for both Dynamics GP Standard and Professional, allows the end user to effectively manage and track version level changes to Bills of Material and components, including item content changes, quantity changes and approved alternates.

The seamless integration of this module with the Horizons Manufacturing Suite (HMS) products and Microsoft Business Solutions Dynamics GP provides unparalleled control of change request events, Bill of Material

changes and component level version control for small and mid-market manufacturers and distributors in fully or semi-regulated industries.

Organizations in life science, high tech engineering and other regulated industries such as food or medical device distribution will find that the ECO tools deep integration with the manufacturing process in production entry and both bill of material and item set up provides significant support for improved documentation and compliance control.

### Use Helpful Processes & Process Management Tools

- Identify designated approvers for all change actions
- Define target effectivity dates for proposed changes
- Provide easy access to historical revision information for production and customer support personnel
- Identify existing material use-up methods
- Perform mass updates for find and replace needs
- Comment tracking on a per approver basis as the change request documents process through your work flow
- Efficiently and accurately meet needs to build to existing or prior versions
- Identify existing material and vendor disposition methods with approved codes

### Gain Product Life Cycle Management Tools

- Use version indexing to identify pre-production and released-to-production status
- Enhance ease of use for communicating needs and specifications with document attachment and unlimited note fields
- Support tracking historical events with change logs that have user identification and relevant dates in lookup windows and reports



## ECO Entry to Track Details of BOM Changes

**Engineering Change Orders**

Save Clear Delete ECO Maint. Select

ECO Number: ECO0018 Priority: high Processed: 0/0/0000

Description: replace sub assembly in all related Bills

Parent/Cprt: SUBASSYSTD M C

subassy actual cost 1

Replace With: SUBASSYACT1 M C Not Approved

Rev Number: 123001 Effective Date: 11/22/2007 Change Request #: CN137-1

Drawing ID: AB0025 Drawing Seq #: 00-1

Auto-Add All Parent Items  Apply This ECO # To All Affected Items  Prototype

ECO Comment:  
replace sub assembly in all related Bills . mass update}

Initiated By: sa 11/22/2007  
Written By: sa 11/22/2007

ECO entry defines changes including mass updates for parent and child relationships, comments of requestor and approvers, and provides target dates for change review management

## Secure approval process manages all updates

**MRP Purchasing**

Save Print Create POs Clear Delete MPS MRP Schedule Restrict

Requirement ID: REQUIRE00000025 Nex season

Qty Threshold: 0.00 Below Threshold Only Mark Source ?

Item Number	I	C	M	Keep	PO Date	Late	Vendor ID	Location	U of M	Demand Qty	Suggested PO	Mark
BOTTLE1					11/22/2005	*		RM	EA	65	0	<input type="checkbox"/>
COMP2					11/22/2005	*	AAA	RM	EA	68 00000	0.00000	<input type="checkbox"/>
COMP2					11/22/2005	*	AAA	RM	EA	500000	0.00000	<input type="checkbox"/>
DRUM1					11/17/2005	*	BBB	RM	EA	25	0	<input type="checkbox"/>
FG-F-NN-0-2-001					11/22/2005	*		RM	EA	100	-100	<input checked="" type="checkbox"/>
RM-L-LA-0-2-001					11/22/2005	*	AAA	RM	EA	33	-30	<input checked="" type="checkbox"/>
RMACT					11/21/2005	*	AAA	RM	EA	4	0	<input type="checkbox"/>
RMACT					1/1/2006			RM	EA	56	0	<input type="checkbox"/>
RMACT					1/21/2006			RM	EA	100	0	<input type="checkbox"/>
RMACT					2/1/2006			RM	EA	200	0	<input type="checkbox"/>
RMACT1					11/22/2005	*		RM	EA	30	0	<input type="checkbox"/>
RMACT2					11/22/2005	*		RM	EA	150	-150	<input checked="" type="checkbox"/>
RMACT2					1/1/2006			RM	EA	28	-28	<input checked="" type="checkbox"/>
RMACT2					1/21/2006			RM	EA	50	-50	<input checked="" type="checkbox"/>

Line Sort: Item Number Recalc Qtys

User id for approval with approved date tracked. Comments to support work flow activities provided by user id.

