

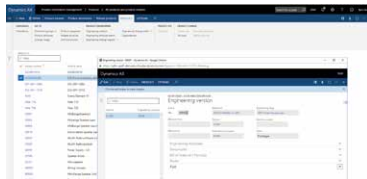
# Product Engineering

## for Microsoft Dynamics 365 for Operations

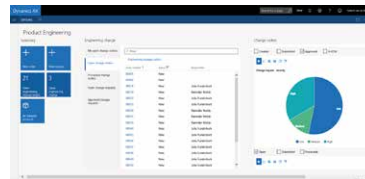
Support and expand your innovation performance with purposely designed engineering solutions built in Microsoft Dynamics 365 for Operations.

Engineering is at the heart of innovation and requires solid business solution support. Product Engineering for Microsoft Dynamics 365 for Operations is built with and for engineering focused manufacturing businesses that care about innovation and doing things the right way.

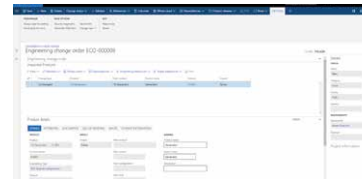
An important challenge manufacturers face is to speed up time to market of new products to generate next level customer engagement. To support and streamline this process, strong product data management, version control and change management is required. Product Engineering brings these capabilities housed in the most modern business solution today.



*Version control on all elements of master data, including product structure, attributes, documents and processes.*



*Monitor and manage engineering change management from initial request to order, using the Product Engineering workspace.*



*Manage engineering changes of all relevant product master data through a workflow driven process, including logistical impact analysis, severity setup, where-used analysis and more.*



## Benefits

- **Integrate** your engineering and manufacturing processes
- **Support** PLM and CAD integration
- **Innovate** in a well-thought-out manner using engineering change management
- **Ensure** successful deployment of new product data in operations application areas
- **Evoke** engineering requests from different disciplines

# Product Engineering

for Microsoft Dynamics 365 for Operations

For more information about Product Engineering for Microsoft Dynamics 365 for Operations, visit [www.to-increase.com](http://www.to-increase.com)

## Features

<b>Centralized Data Management</b>	Work space driven access to centralized information, version management capabilities, and a managed release process ensure that people across diverse departments, divisions, and locations work with information that's relevant, accurate, and current. Microsoft SharePoint integration enables data-sharing and collaboration for both licensed and "as needed" users.
<b>Product release management</b>	Manage the process of releasing products and product structures with all relevant details, including routes throughout your enterprise. Ensure centralized control of key data, while allowing flexibility to amend and edit the data locally.
<b>Attributes Search Capabilities</b>	Track unlimited numbers of attributes for a product. Use attribute search to find existing products that meet your criteria before creating a new one.
<b>Product Lifecycle Management (PLM)</b>	Provide teams with a product information backbone that reaches across your extended enterprise for a product from its conception, through design and manufacture, to service and disposal. Manage both simple and complex machinery by integrating with existing Computer-Aided Design/Computer-Aided Manufacturing (CAD/CAM) or PDM/PLM systems. Integrate parts data, and synchronize ECM by incorporating ECOs into both the PLM system and the logistics environment.
<b>Collaboration with External Systems (CAD/CAM and PDM/PLM)</b>	End-to-end, workflow-driven ECM outlines the proposed change, lists the product or part(s) that would be affected, and includes review and approval requests.
<b>Product Version Management</b>	Version controlled products are a foundation element of Product Engineering in order to manage product master data. Versions are updated via Engineering change management and indicate the full product lifecycle. Including the option to control versions in logistics, monitoring versions in shipping and stock overviews.
<b>Engineering Change Management (ECM)</b>	Synchronize the entire engineering change process from engineering change requests (ECR) to engineering change orders and incorporate it into the logistics environment including severity setup, impact analysis of changes and where-used searches. Manage all changes to product master data including product structures, processes, documentation and attributes in a workflow driven process.
<b>Product Readiness Templates and Checklists</b>	Prepopulated templates ensure all information is available and up to date for operations. Use checklists to ensure all relevant data is set up appropriately when releasing a new or changed product in the organization.