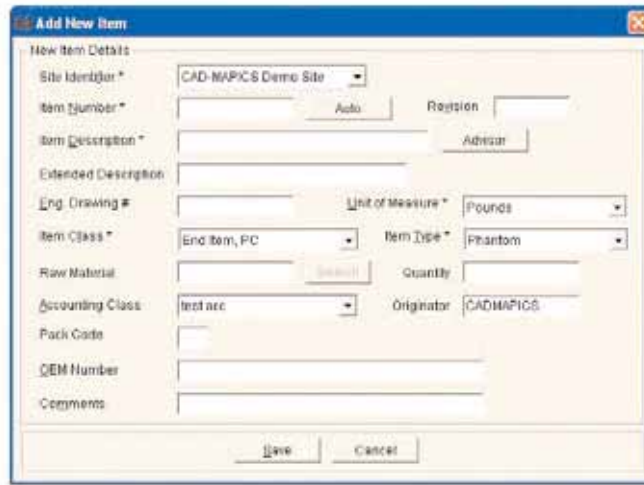


# CAD-ERP Bridge

## Highlights:

- Integrates any CAD system with any ERP system
- Connectors in place for SolidWorks, AutoCAD and Infor XA
- Increases engineering productivity
- Enhances data integrity
- Streamlines engineering workflow
- Minimizes the creation of new items through a comprehensive item search



An engineer's passion is new product development and core design. With engineering being the driver of many back-office and manufacturing processes, documentation is a critical requirement. Though documentation already exists within the CAD tool, engineers are required to retype information into the ERP system. This is necessary because in most companies, engineering systems and ERP Systems are islands of automation with no integration between them. The CAD-ERP Bridge integrates the two systems, increasing productivity and the integrity of the documentation.

BWIR's CAD-ERP Bridge is a one-stop solution for CAD - PDM - ERP integration. The application allows the search, creation, and update of assembly and part information from within the CAD/PDM interface. This eliminates the delay of creating the item and assemblies in CAD and re-entering the data into the ERP system.

The kernel of the CAD-ERP Bridge has been architected to be both CAD and ERP system agnostic. It can be used to integrate any CAD system to any ERP system by developing the necessary connectors. Connectors are in place for AutoCAD and SolidWorks with Infor XA as the ERP.

## Features:

- New Item Creation - create and add new item details to the ERP system from CAD
- Item Search - search and copy for any ERP item from within the CAD application
- Export/Update BOM - update and export the BOM to the ERP from within CAD
- Where Used Inquiry - view the list of ERP specific item parents within CAD
- BOM Inquiry - view the Bill of Material for any item from within CAD
- Automatic Part Number Generation - generates a new part number for ERP items based in item category
- Item Description Advisor - assists the user in building new item description within the ERP
- Raw Material Search - search raw materials from the ERP system within the CAD environment
- Revisions Control - revise items in ERP from CAD; can also view existing ERP parameters of the item being revised



It's Not "Just"  
Business -  
It's A  
Partnership



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