

## Agni Link 2012

### Live, "Hot" CAD-To-ERP Data Integration

Agni Link is a companion application to CAD/PLM software that establishes a direct, on-line connection between CAD product data and its counterpart in the ERP environment. Every time a CAD document is updated, Agni Link analyzes both CAD and ERP data, resolves discrepancies, and finally presents you with a form to edit the data. Once edited data is confirmed by the user, Agni Link will simultaneously update product data in both CAD and ERP environments, thus ensuring perfect synchronization of data, while virtually eliminating redundant data entry.

Agni Link also automatically updates the ERP Bill of Materials (BoM) to reflect any changes in the composition of CAD assemblies. Moreover, with some data elements such as Raw Materials, Component type, etc., Agni Link will only allow valid entries, as defined by the ERP application, thus greatly reducing costly errors on the factory floor caused, among other things, by the use of the wrong raw materials or improper communication of manufacturing instructions.

Based on the time-proven Elmo software foundation, Agni Link was developed with designers in mind. Its purpose is primarily to allow those people to get the most out of product data that is generated, either automatically or manually, during the design process. Those people may be involved in a wide range of business processes:

- ▶ R&D
- ▶ Design and drafting
- ▶ Production & manufacturing
- ▶ Cost & estimating
- ▶ Sales & marketing
- ▶ Quality assurance

### Benefits

- ▶ Very fast ROI - typically pays for itself in 60-90 days
- ▶ Easy to use
- ▶ Eliminates redundant data entry
- ▶ ERP and CAD data **always** in sync
- ▶ Reduces ERP license requirements
- ▶ Automatically creates CAD BoMs from ERP BoMs
- ▶ Notifies users of changes in ERP BoMs
- ▶ Flexible
- ▶ Multilingual
- ▶ Supports numerous CAD applications
- ▶ Easy installation - less than 60 seconds!



### Features

- ▶ Simultaneous creation / update, in both CAD and ERP systems, of product data :
  - ▶ Parts
  - ▶ Assemblies
  - ▶ Bills of Materials
  - ▶ Routing instructions
- ▶ Can synchronize all BoM levels in one single operation
- ▶ Cloud-ready Web Services support **\*NEW\***
- ▶ Data is validated against acceptable values found in ERP system
- ▶ On-the-fly printing and generation of drawings in PDF format
- ▶ Supports most ERP applications
- ▶ Notifies users of changes in ERP database
- ▶ ERP-to-CAD BoM import
- ▶ Automatic updates **\*NEW\***
- ▶ Multi-threading **\*NEW\***
- ▶ Optional, powerful Configuration Wizard **\*NEW\***

### CAD/PLM/PDM Platforms

- ▶ SolidWorks
- ▶ SolidWorks Enterprise PDM
- ▶ Autodesk Inventor
- ▶ AutoCAD
- ▶ Autodesk Mechanical Desktop
- ▶ AutoCAD Mechanical
- ▶ AutoCAD Electrical
- ▶ Autodesk Architectural Desktop
- ▶ Many more

For further information, or for a free white paper on CAD-To-ERP data integration :

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