

Global Edge® 2017 – Solid Edge Interface provides a dynamic, two-way Bill of Materials link between CAD and most ERP / Business systems. As new products are designed, or existing products are modified, **Global Edge** provides an automated real-time link to synchronize product bill of materials information between CAD models and your business system. **Global Edge** eliminates the manual retyping of bill of materials and routing information into the ERP system. As new parts and assemblies are created or modified in engineering, this information is dynamically updated and is made readily available at the enterprise level. **Global Edge** automatically updates CAD attribute information from each part and assembly drawing in the **Global Edge** database. By synchronizing and providing a dynamic link to part numbers in your business system, **Global Edge** software makes it easy to manage your bill of materials for new and existing products. **Global Edge** provides the ability to automatically generate CAD models / drawings for quoting, design and production based on customer specifications.

Automatic CAD Drawing Vaulting

- Automatic Document Import / Vaulting
- Document Check-In / Check-Out

CAD / BOM Update Screen

- Automated Update of ERP BOM with CAD BOM
- CAD Part Dimension Look-Up / Edit

Model Explorer

- Assembly Part, Document, Dimension Tree Edit / Display
- Part Number Generation / Edit
- Part Dimension Generation / Edit
- Part Number Document Link

Assembly Browser / Part Look-Up

- Assembly Database Look-Up
- Part Look-Up / Document Vault Launch

Document Revision

- Automatic Document Revision / Vaulting
- Document Revision History

Document Generation & Deployment

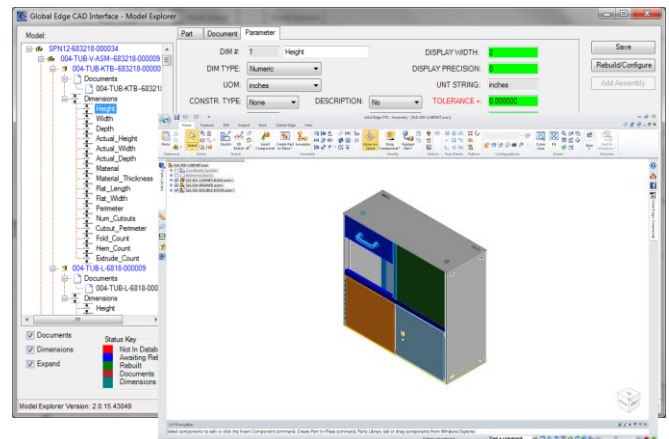
- Automatic Generation of PDF Documents
- Automatic Document Deployment Where Needed

CAD Model Rebuild

- Automated Configuration of CAD Models / Drawings with Configuration Parameters

Production Work Queue

- Automated Shop Drawing Processing / Configuration Based on Daily Production Runs
- Automatic Sheet Metal Part Unfolding (organized by gauge, kits, material, etc.)
- Automatically Creates and Distributes DXF Files When and Where Needed
- Distributes CAD Drawings to Directories Needed by Nesting Software



Global Edge Solid Edge Interface Advantages

- ✓ Automatically Synchronizes CAD BOM with ERP BOM to Ensure Information Accuracy
- ✓ Eliminates Manual Retyping of Engineering Information into ERP System
- ✓ Increases Engineering Capacity Through Task Automation
- ✓ Automatically Prepares Information for Shop Floor without Human Intervention
- ✓ Automatically Generates CAD Drawings and Routings Based on Daily Production Runs
- ✓ Helps Ensure Effective Control and Management of Documents

Cycle Time is Shrinking – My Customer Wants Everything “Yesterday!”

“Within one year of implementing Global Edge the time from order entry to shipment of custom power supplies decreased from four months to three weeks.”

John Garcia, V.P. Engineering
Lambda Electronics, Inc. – Melville, New York