

Integrate and Synchronize your CAD data with Business Central

Overview

CADLink allows engineers to create Microsoft Dynamics Item Master and BOM records identical to engineering CAD data with the click of a button. The direct integration reduces manual data entry and clerical errors. Production benefits from drawing information identical to work order documentation.

Increase the speed of data flow from sales to engineering, procurement, and manufacturing. Streamlining the entire product development process by integrating your CAD system and your Business Central solution gives you the edge in the competitive market. This eliminates all the burdens you face from having disparate systems, allowing engineers to focus on the designs and innovation.

Keeping your Dynamics engineering data accurate and synchronized with your engineering drawings and models is critical. With CADLink, you will see significant improvements in production speed, on-time shipments, and accuracy of Dynamics engineering data with reductions in engineering cost, scrapped parts, and shop floor confusions.



Direct CAD Integration

Real-time, direct, two-way link between your CAD and your Business Central means no more exporting or importing of data files. Launch directly from the CAD suite of your choice. Interface for indented multi-level Bill of Materials and thumbnail preview image of the CAD part lets you know what you are looking at.



Direct Integration to Microsoft Dynamics Business Central

Assign essential Business Central fields such as Product Code, UOM, and Part Type using ERP drop-down menus in CADLink.



Bi-directional Data Push

Bi-directional data push keeps your CAD and Business Central engineering data synchronized and up-to-date. Critical information such as part quantity and material selection will be kept consistent throughout your CAD and Business Central systems.

Live Data Comparison

Live comparison lets you visually review BOM changes before committing to save. Create ERP Item and BOM records identical to your drawings in one click.

Partners & Integrations

Work with CAD/PLM/PDM of your choice







Resolve discrepancies in the CADLink interface and automatically update both your CAD files and Business Central data. CADLink checks for critical errors and notifies the user before saving.





Powerful Searches

Search your Business Central Item Master live and insert raw material items to your BOM. Search and insert non-CAD items to your Dynamics BOM to create a complete BOM; not just what you modeled.

Eliminates Duplicate Manual Data Entries

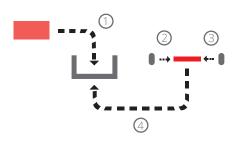
Single-step process eliminates duplicate manual data entries of engineering data.

| 414 | SAVE REFRESH | SETTINGS | 1 1 | New 🔲 | Delete 📕 Manual | | | | | | | EXPORT | CHANG | | D DATA MESSAGES | то |
|-----|--------------|----------|---------------------|------------|---------------------------------|-------------------|---------------------------------|-------|--------------------|--------------------|---|--------|--------|------|-------------------------------------|------|
| | CADLink | | | | | Vie | w | | | | | Export | | _ | Panels | |
| | | - | | - | | | | | | la cara cara la | BOM Changes | | | | | |
| 1 | No | Q Save | 9 No. QB-BEZ_001 | Version Co | Description Bezel Mokbase | Q Unit Qty 1.0000 | Replenishment Syste Assembly | Piece | Miscellaneous | Gen. Prod. Post OI | Part Numbe Part Description | CA | DL CAD | ERPO | Q Notes | |
| - | | | | | | 2,0000 | | | | | | | | | | |
| - | | | QB-852_022 | A | Bezel Moldonse Side Core Silde | | Assembly | Piece | Miscellaneous | | QB-BEZ_001 | | | | | |
| | 4.4.3 | | QB-BEZ_023 | | Side | 1.0000 | Purchase | Piece | Miscellaneous | | B QB-BEZ Bezel Moldbase Lifter | 2 | 2 | .0 | Create new part | |
| | 1.2 | | QB-852_024 | A | Bezel Moldoase Lifter | 2.0000 | Assembly | Piece | | | OB-BEZ Bezel Moldbase Elector | | 1 | 0 | Create new part | |
| | 1.2.1 | | GB-BEZ_025 | | Unlitter U-Coupling | 1.0000 | Purchase | Piece | | | 9 QB-BEZ_ Bezel Moldbase - Fixed | | 1 | 0 | Insert to bills of n | |
| | 1.3 | | QB-BEZ_008 | A | Bezel Moldbase - Moving Half | 1.0000 | Assembly | Piece | Miscellaneous | 1 1 | A-601507 STEP WASHER | 0 | 0 | 2 | Delete from bills | of r |
| T | 131 | | GB-BEZ 012 | | Guide Bushing | 4 0000 | Purchase | Piece | Miscellaneous | + + | | | | | | |
| | 132 | | GB-HASCO 001 | | HASCO Metric Clamping Plate | 1,0000 | Purchase | Piece | | | QB-BEZ_024 | | | | Create new part and | |
| | 1.3.3 | | GB-BEZ_013 | | Centering Sleeve | 4.0000 | Purchase | Piece | Miscellaneous | | | 9 | 64 | | | |
| | 1.3.4 | | QB-852_011 | | Spacer Block | 2.0000 | Purchase | Piece | Miscellaneous | | | | | 0 | | |
| | 1.3.5 | | QB-852_009 | | Side Core Clamp Plate | 4.0000 | Purchase | Piece | | | OB-BEZ 008 | | | | | |
| | 1.3.6 | | QB-852_010 | | Cavity Plate B | 1.0000 | Purchase | Piece | | | do occiono | | | | | |
| | 1.3.7 | | GB-HASCO_003 | | HASCO Metric Intermediate Plate | 1.0000 | Purchase | Piece | | | QB-HAS HASCO Metric Clampi | ing 1 | 1 | 0 | Create new part | and |
| | 1.3.8 | | GB-BEZ_007B | | Connecting Nipple | 4.0000 | Purchase | Piece | Miscellaneous | | GB-BEZ Side Core Clamp Plate | 4 | 4 | 0 | Create new part | and |
| | 1.3.9 | | GB-85Z_009_1 | | Side Core Clamp Plate | 4.0000 | Purchase | Piece | Miscellaneous | | G OB-BEZ Cavity Plate B | 1 | 1 | 0 | Create new part | and |
| | 1.4 | | QB-85Z_015 | A | Bezel Moldoase Ejector | 1.0000 | Assembly | Piece | | | OB-HAS HASCO Metric Interm | edia 1 | 1 | 0 | Create new part | |
| T | 1.4.1 | | QB-852_016 | | Ejector Base Plate | 1.0000 | Purchase | Piece | Miscellaneous | NO TAX | OB-BEZ_— Side Core Clamp Plate | 0 | 0 | 4 | 4 Delete from bill | of |
| | 1.4.2 | | QB-852_017 | | Ejector Retainer Plate | 1.0000 | Purchase | Piece | | | QB-BEZ 015 | | | | | |
| | 1.4.3 | | QB-852_018 | | Unlitter T-Gibs | 2,0000 | Purchase | Piece | | | QB-BEZ_013 | | | | | |
| | 1.4.4 | | QB-85Z_021 | | Seating Washer | 4.0000 | Purchase | Piece | | | G QB-BEZ Ejector Base Plate | 1 | 1 | 0 | Create new revis | don |
| | 1.4.5 | | QB-852_019 | | Ejector Pin | 5.0000 | Purchase | Piece | | | Ø QB-BEZ_ Ejector Retainer Plate | 1 | 1 | 0 | Create new part | and |
| - | 1.4.6 | | Z40-4×250 | A | Ejector Pin - Assy | 1.0000 | Assembly | Piece | | | 🕑 QB-BEZ Unilifter T-Gibs | 2 | 2 | 0 | Create new part | and |
| | 1.4.6.1 | | PN-05 | | | 1.0000 | Purchase | Piece | | | QB-BEZ_— Seating Washer | 4 | 4 | 0 | Create new part | |
| 111 | 1.5 | | QB-812_002 | A | Bezel Moldbase - Fixed 3 | 1.0000 | Assembly | Piece | Miscellaneous | | OB-BEZ_— Ejector Pin Sy 240-4X2 — Ejector Pin - Assy Z40-4X2 50 | 5 | 5 | 0 | a circuite incire part and | |
| T | 1.5.1 | | QB-HASCO 002 | | HASCO Metric Angle Pin | 4.0000 | Purchase | Piece | Miscellaneous | 1 1 | | | 1 | 0 | | |
| | 1.5.2 | | QB-812_004 | | Guide Pillar | 4,0000 | Purchase | Piece | Miscellaneous | - | | | | | | |
| | 1.5.3 | | QB-852 005 | | Locating Ring | 1.0000 | Purchase | Piece | Contraction of the | | L'IUTIAL JU | | | | | |
| | 1.5.4 | | QB-852_0006 | | Sprue Bushing | 1.0000 | Purchase | Piece | Miscellaneous | | @ PN-05 | 1 | 1 | 0 | Create new part and | |
| | 1.5.5 | | QB-852_003 | | Cavity Plate A | 1.0000 | Purchase | Piece | Miscellaneous | 1 | QB-BEZ_002 | 12 | | | | |
| | 1.5.6 | | QB-HASCO_001 | | HASCO Metric Clamping Plate | 1.0000 | Purchase | Piece | | · · · · · · | | | | | | |
| | 157 | | QB-BEZ_007B | | Connecting Npple | 4.0000 | Purchase | Piece | Miscella | . II | | | | | | |
| | 1.5.8 | | QB-BEZ 003 | | Cavity Plate A | 1.0000 | Purchase | Piece | Miscella | | G QB-BEZ_— Locating Ring QB-BEZ_— Sprue Bushing | 1 | 1 | 0 | Create new part and | |
| Ē | 1.6 | | A-60' 507 | | STEP WASHER | 2.0000 | Purchase | Piece | Miscello | | | 1 | 1 | 0 | Create new revis | |
| | | 100 | | | | | | | | | QB-BEZ Cavity Plate A QB-HAS HASCO Metric Clampi | - B | 1 | 0 | Create new revis Create new part | |

Quick and Easy Routing Interface

ed to Company: CRONUS Canada, Inc. ODataV4/API HTTP Base Url: https:/

CADLink offers a simple interface for creating and assigning ERP operations on your BOM.



Powerful Visual Interface

CADLink offers an intuitive and highly visual interface to display data discrepancies. BOM quantity changes and updates are displayed in change summary tab.

One-Click Summary Report



Easily generate PDF Bill of Material. Change summary report and export Bill of Material in an Excel file format to meet your documentation requirements.

Color Coded Changes

Engineers can easily see the effects of changes to ERP and CAD data.

Green fields represent new parts that will be created in Dynamics.

Yellow fields highlight data discrepancy between CAD and Business Central such as description or quantity.

Gray fields represent parts to be removed from your BOM.

Small Footprint

CADLink offers an easy installation and setup, and small footprint with minimum client machine hardware and software requirement. CADLink installation requires no additional database or server components.



About QBuild

Since 2007, we have provided superior service to our customers across the globe. Our many years of experience and commitment to excellence have earned us the reputation as the best Engineering ERP integrator in North America.

QBuild Service

At QBuild we believe in finding the right solution for our customers. We take the time to understand your unique needs and requirements. We put you in the driver's seat with direct access to our most experienced developers. This allows us to offer flexible, targeted customization solutions for your specific needs.