INSIGHT WORKS

BARCODE GENERATOR POWERTOOL

for Microsoft Dynamics 365 Business Central

100% FREE APP FOR BUSINESS CENTRAL

★★★★★ **5.0 on Microsoft Marketplace** · **Over 5,000 Installs**

ADD 1D AND 2D BARCODES TO YOUR MICROSOFT DYNAMICS 365 BUSINESS CENTRAL REPORTS.

Sample reports you can use as they are, and developer functions for the reports you build yourself.

Barcode Generator PowerTool is a Business Central extension that adds Code 39, Code 128, GS1-128, Data Matrix, and QR Code barcodes to reports. This is a completely free app from Insight Works for Business Central. It was built for Business Central specifically, so a barcode can go onto an existing report or a new one without a separate barcode product alongside it. It is designed for technically proficient users: the included sample reports work as delivered, and anything beyond them takes AL development.

Why it holds up

Sample reports that work as delivered. Item, bin, and location labels, barcoded standard document reports, a hazard label, and a bulk-print barcode list are included, either to use as they are or to modify.

1D and 2D in one tool. Code 39, Code 128, and GS1-128 sit alongside Data Matrix and QR Code, so one extension covers the barcode formats that scanners and third-party applications commonly read.

Existing reports or new ones. A barcode can go onto a standard Business Central report, a custom report, or a report a developer builds from scratch, rather than being limited to a fixed set of layouts.

Bulk printing from a list. A predefined, categorized list of barcodes supports bulk print jobs, with scanning support in Tile View.

Developer functions, not a black box. Documented AL codeunit functions generate each barcode type, so a developer adds the dependency, calls a function in the report, and binds the image in the layout.

Plain about its audience. The knowledge base calls it a developer tool at its core, not a beginner tool. Someone who is not developing reports reaches it through the sample reports, from the Business Manager role center or by searching “barcode”.

Who’s on it

Business Central Partners & Consultants
Handle initial setup and configuration, tailored to a client’s needs.

Business Central Developers
Add barcode capability to custom reports and extensions.

Business Central Administrators
Integrate barcodes into reports within their organization.

Warehouse Managers
Use the sample reports for inventory tracking and operational efficiency.

Supply Chain Managers
Use the sample reports for inventory, shipment, and transfer order documents.

Free to use. Barcode Generator PowerTool costs nothing to install or run, and no separate Insight Works license is required. It installs from Microsoft Marketplace like any other Business Central extension.

Backed by over 800 resellers. Insight Works works through a global network of more than 800 Business Central resellers who can help consult, implement, and support a deployment. **See the Insight Works reseller directory**.

BARCODE GENERATOR POWERTOOL

for Microsoft Dynamics 365 Business Central

BARCODE FORMATS

- **1D:** Code 39, Code 128, and GS1-128
- **2D:** Data Matrix and QR Code
- Added to any Business Central report, custom or existing

SAMPLE REPORTS

- A manual-entry barcode report
- Generic item, bin, and location labels
- Barcoded versions of standard document reports: invoices, warehouse receipts, production orders, and similar
- A WHMIS hazard label
- A barcode list report for bulk print jobs
- Use as delivered, or modify; reached from the Business Manager role center or by searching “barcode”

BULK PRINTING

- A predefined, categorized list of barcodes for bulk print jobs
- Scanning support in Tile View

AL FUNCTIONS FOR DEVELOPERS

- Codeunit functions for each type: GenerateMatrixBarcode, GenerateQRBarcode, Generate39Barcode, and GenerateGS1128Barcode, plus helpers such as GetBarcodeFormat
- Typical flow: add this app as a dependency in app.json, download symbols, declare a temporary barcode record, call a function in the OnAfterGetRecord trigger, and bind the image field in the layout
- Set the layout image to Original Size to keep the barcode crisp; use Fit Proportional only when a larger barcode would overflow
- QR dot size is a deliberate choice; the demo raises it from 2 to 4 for a more scannable result

BUSINESS CENTRAL LICENSING

- Free app; no separate Insight Works license required
- Requires a Business Central user license (Essential or Premium)

INTEGRATION & INSTALLATION

- Installs from Microsoft Marketplace like any other Business Central extension
- Interoperates with WMS Express and Warehouse Insight for warehouse workflows; neither is required
- Barcodes work with existing hardware and third-party applications that read the supported formats

REQUIREMENTS & COMPATIBILITY

- Business Central online and on-premises
- Building beyond the sample reports takes AL development skill and the standard Business Central developer tools: Visual Studio Code and the AL language extension
- Versions before 1.3.7723.3 passed barcode images through the Temp Blob table, which Business Central removed as of version 17.5; extensions still calling those procedures need the newer table-based functions

SUPPORT & RESOURCES

- Knowledge base at kb.dmsiworks.com: full documentation, the AL codeunit function reference, and downloadable sample report source code
- Supported directly by Insight Works, on the same contract as any other Insight Works app in use

DATA & PORTABILITY

- Barcodes are generated through a temporary record when a report runs; the extension adds no separate data set to export
- No separate Insight Works license or subscription to unwind

ALSO FROM INSIGHT WORKS

Insight Works builds 30+ apps for Microsoft Dynamics 365 Business Central, concentrated in these areas of manufacturing and distribution. If Business Central has a gap, there’s a good chance we already have a solution.

Warehouse & Inventory Management
Barcode-driven receiving, put-away, picking, cycle counting, and license plate handling.

Shipping & Fulfillment
Carrier rate shopping, pick-to-ship execution, and shipment tracking.

Quality Control & Compliance
Inspections, test management, and quality documentation.

Production Planning & Scheduling
Capacity-aware scheduling, planning worksheets, and demand forecasting.

Shop Floor Execution & Maintenance
Shop floor data capture, machine maintenance, and production analysis.

Point of Sale & Data Tools
Counter sales, document attachment, label printing, and bulk data import/export.

See all Insight Works apps for Business Central

VISIT WEBSITE

WATCH DEMO

Available on Microsoft Marketplace

Scan to visit

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