Microsoft Dynamics 365

What's new in Business Central Mobile App

October 2023

Agenda

- New mobile app
- Barcode scanning
- Warehouse scenarios
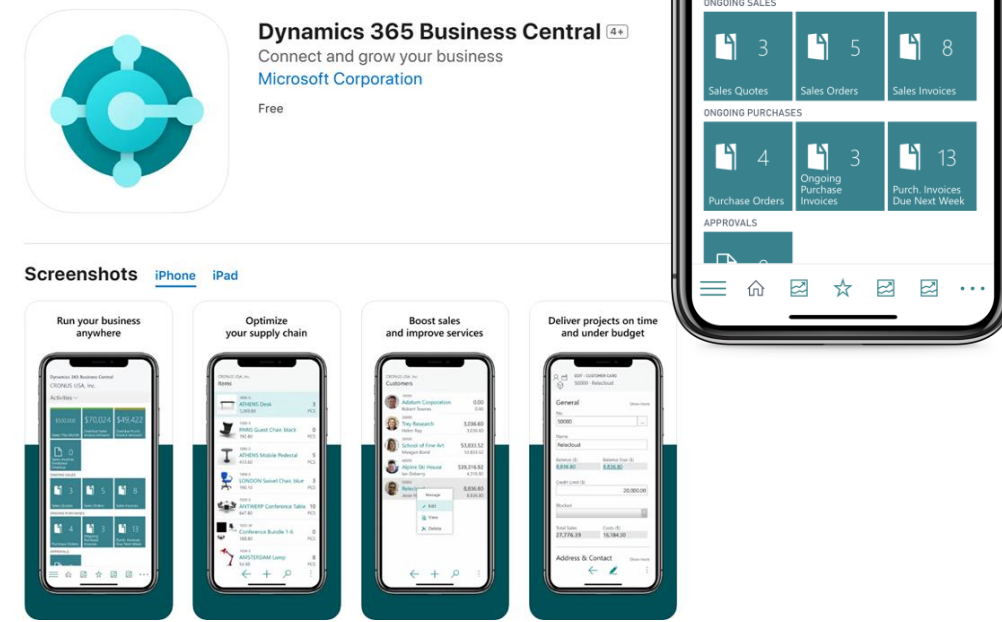
Business Central mobile app – October 2023

New version of Business Central mobile app

- Updated Business Central mobile apps 4.0.xxxx
  - Added support for latest mobile OS, updated internal components, fixed minor issues
  - **Tell Me, Data search, Barcode scanner, Worksheet pages**
  - **More info at BCLE event**

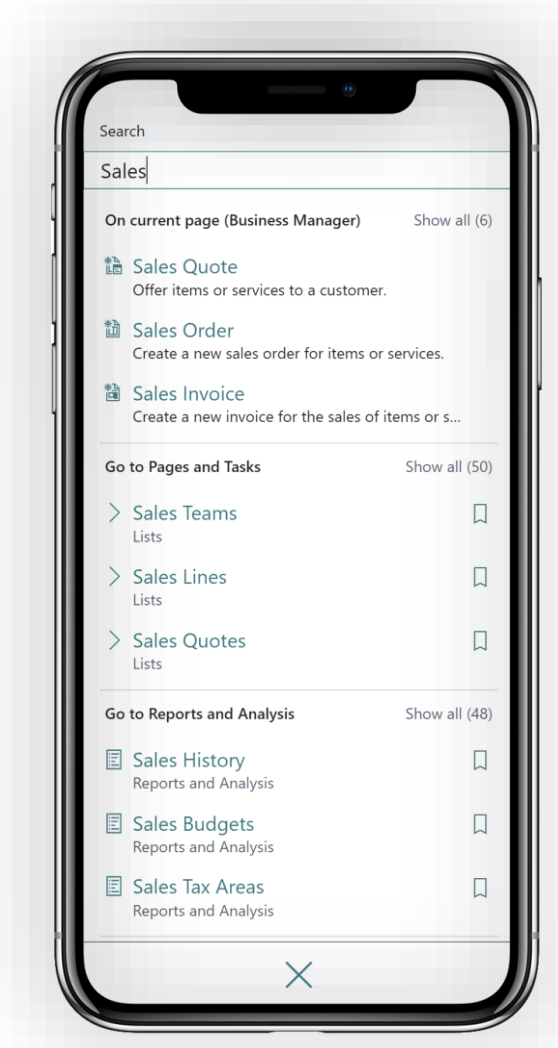- iPhone/iPad 14+

- Android 11+

https://aka.ms/bcmobileapp

Note: These apps work for both **SaaS/cloud** and on-premises/hosted Business Central. We recommend upgrading it to 2023 wave 2, but the apps are backward compatible with any supported version of BC.

Tell Me (Alt+Q) on mobile
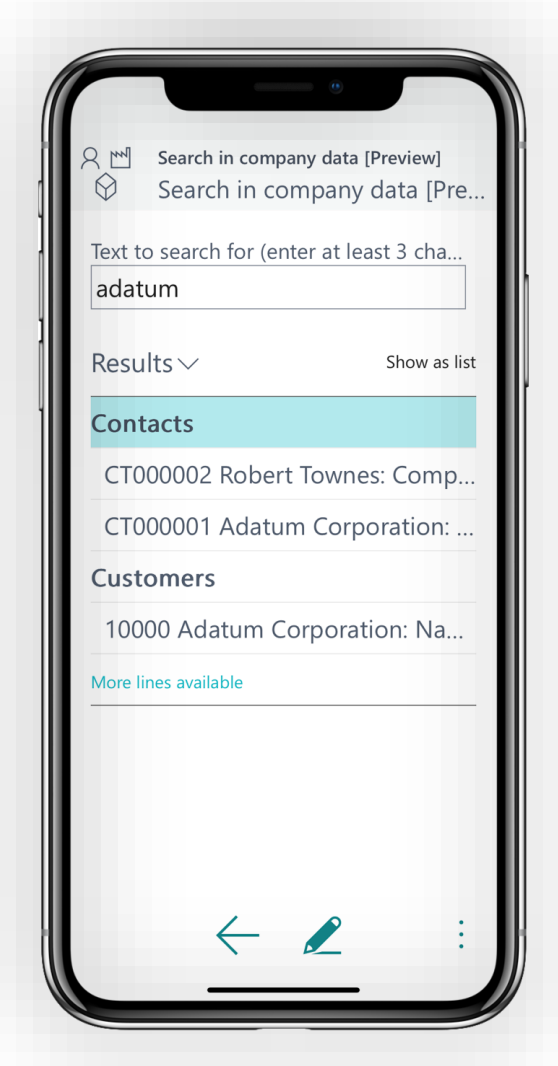
Search for pages and reports on mobile devices

- Needs to be enabled via Feature Management

- Supports any page available for mobile

- Honors users' permissions

- Works on phone and tablet – portrait and landscape

- Supports bookmarking pages – directly from mobile

- Supports Alt+Q keyboard shortcut

Requires Business Central 2023 wave 2 or above

Search for data on mobile

- Needs to be enabled via Feature Management – together with Tell Me

- By default: scoped to data in user's Role Center and tables they can access

- Can be configured to work with any data:
  - Use "Search in company data" page on desktop

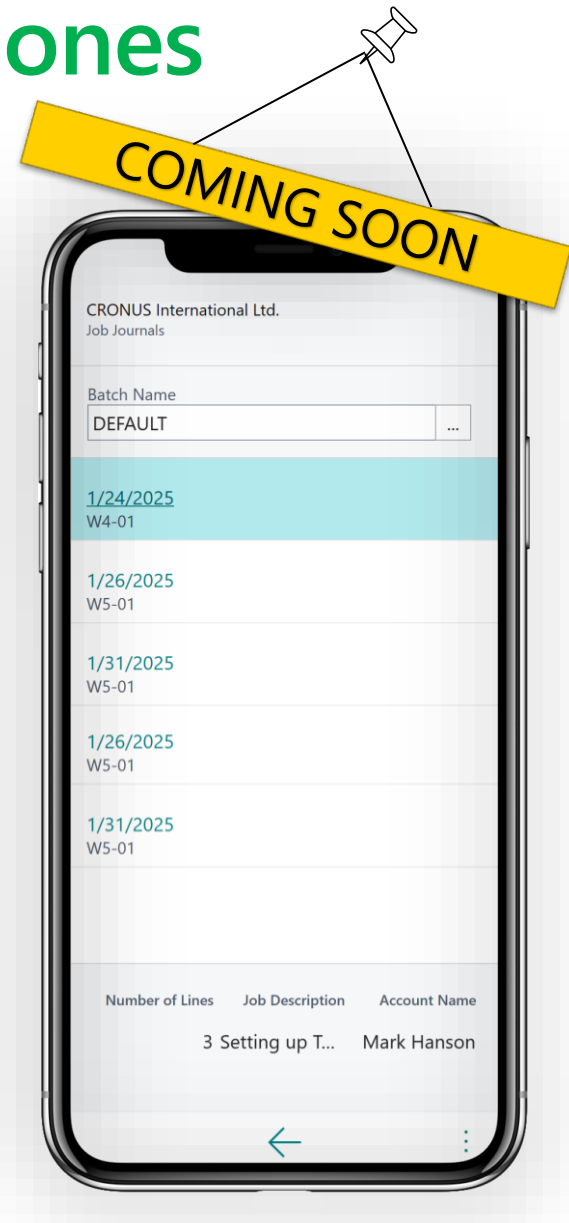- Allows navigating to records

- …and honors users' permissions

Requires Business Central 2023 wave 2 or above

Support for worksheet pages on mobile phones

- Special, simplified access to pages of the type 'worksheet' from mobile phones

- Such pages are rendered in a simplified version:
  - shortened header section
  - all worksheet lines
  - a footer summary section

- To edit data, simply tap on the desired area

- **No change for tablet – still fully supported**

Note: this feature is coming later in the wave – November timeframe
Requires Business Central 2023 wave 2 update 23.1 or above
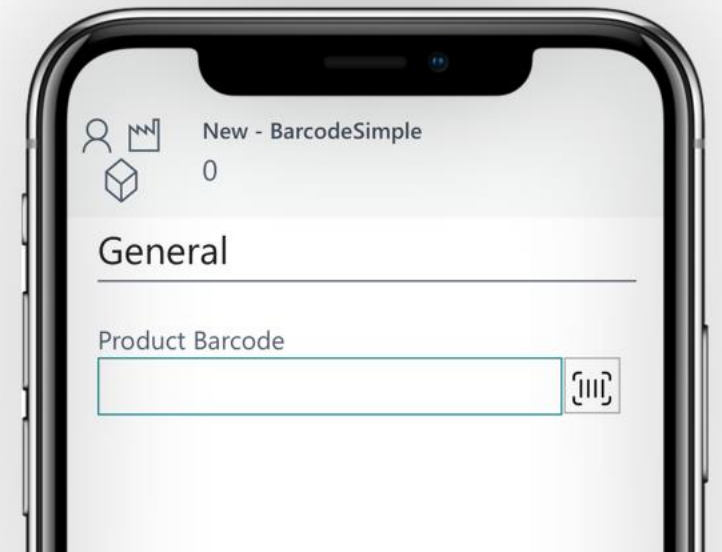
Barcode scanner
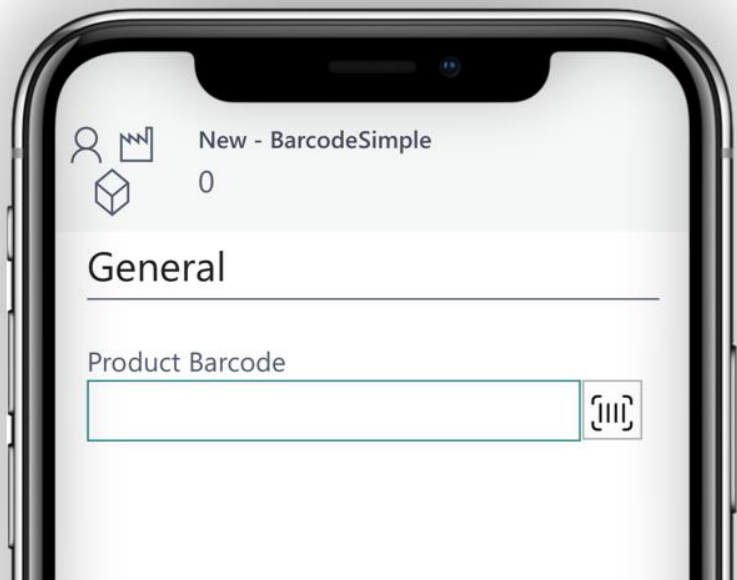
Native barcode scanner support

- Native barcode scanning support in the app and in AL language
- Works on all supported phones and tablets via camera
- Uses native mobile OS capabilities
- Can use a dedicated Android barcode scanner devices

Requires Business Central mobile app version 4.0.xxxx AND Business Central 2023 wave 2 or above

Supported barcode types

- Out of the box support
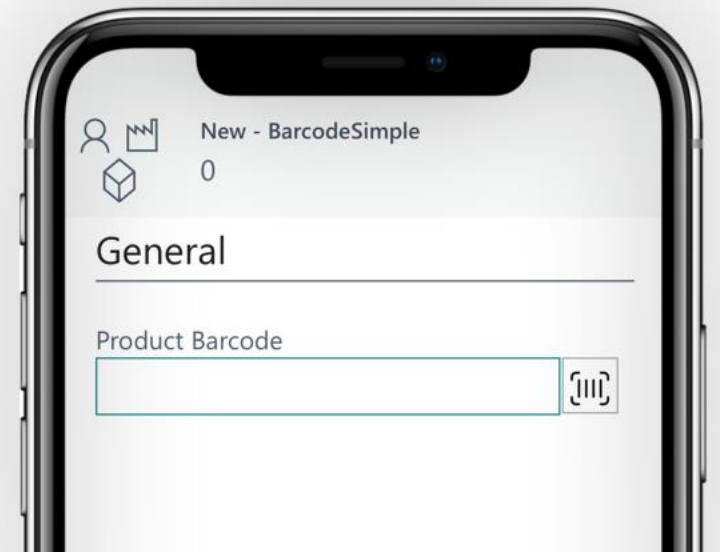
- Most well-known 1D and 2D barcode formats

	Android (camera)	iOS (camera)
QR code	Yes	Yes
Data Matrix	Yes	Yes
UPC A	Yes	Yes
UPC E	Yes	Yes
EAN 8	Yes	Yes
EAN 13	Yes	Yes
Code 39	Yes	Yes
Code 93	Yes	Yes
Code 128	Yes	Yes
Codabar	Yes	-
ITF	Yes	Yes
RSS14	Yes	-
PDF 417	Yes	Yes
RSS Expanded	Yes	-
AZTEC	Yes	Yes

New - BarcodeSimple
0

General

Product Barcode

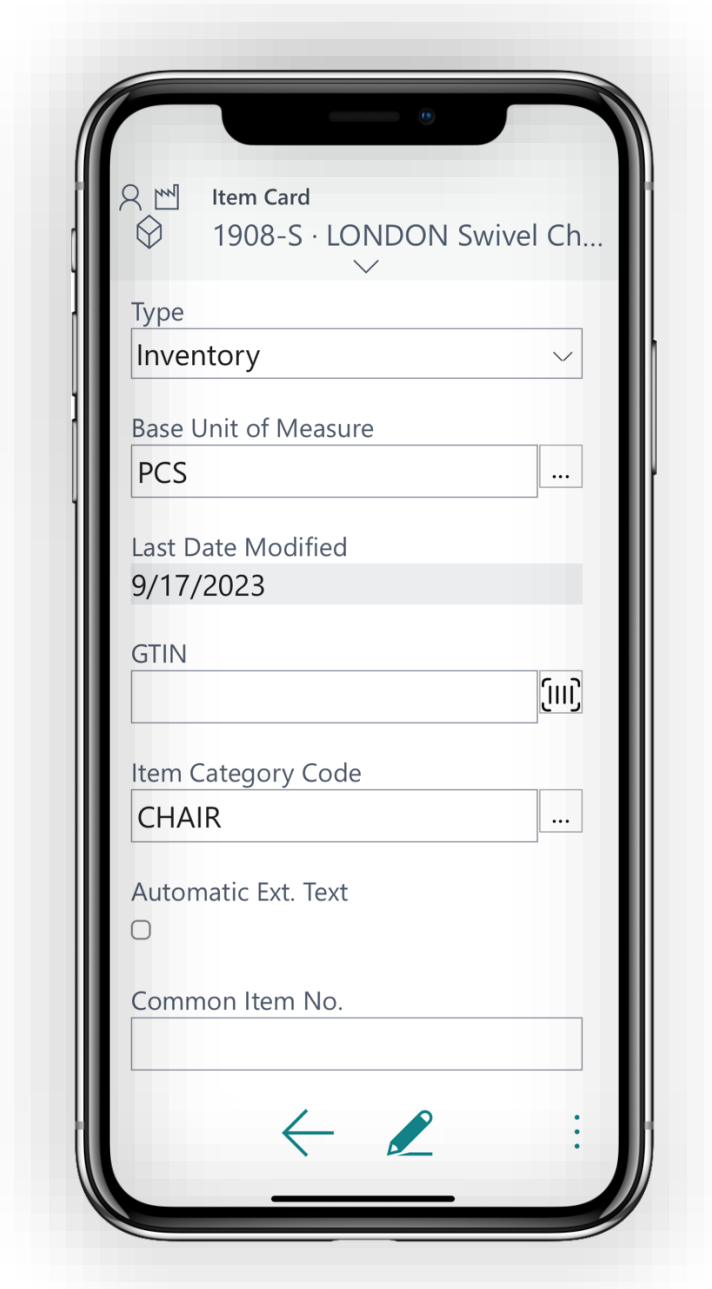# Native barcode scanner support - scenarios

Supports three usage patterns:

- New button in the UI that invokes camera scanning capability
- New AL action that invokes the camera scanning capability
- Dedicated barcode scanner device integration (Android only)

**Requires Business Central mobile app version 4.0.xxxx
AND Business Central 2023 wave 2 or above**

New - BarcodeSimple
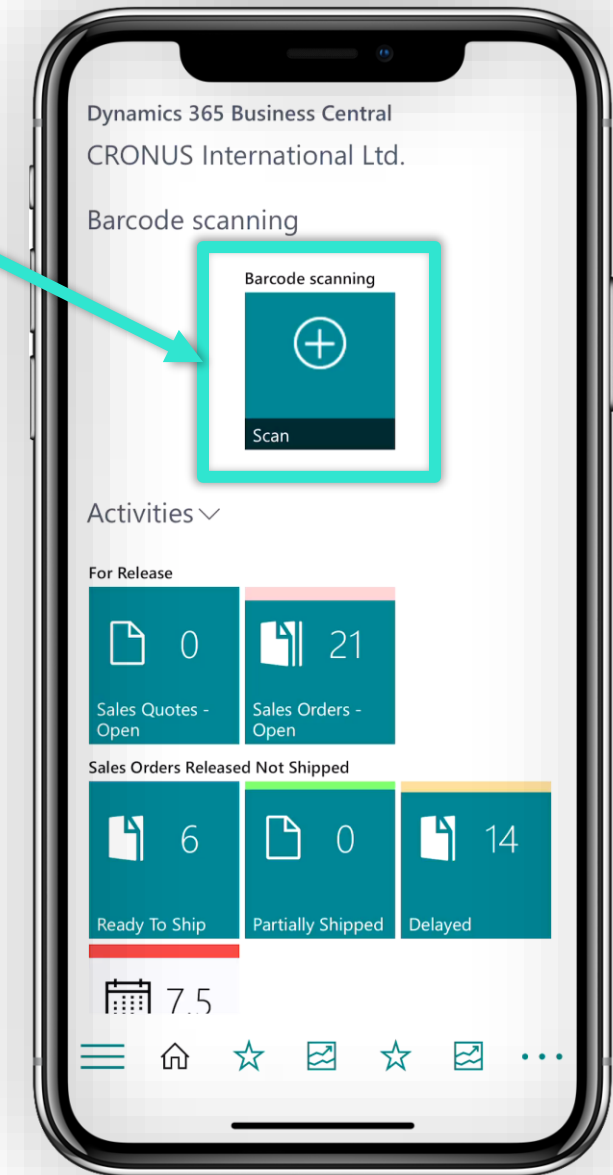0

General

Product Barcode

Barcode scanner – UI button

- Easy to add to existing or new AL pages

- Annotate fields (Code and Text) with new property: `ExtendedDatatype = Barcode`

- Instructs the mobile client to show the barcode scanning button when page is rendered on a supported device

Barcode scanner – AL Action

- Invokes barcode scanner via AL - using a client extensibility

- Can be started from a role center cue, an action, button, link, or automated logic (for instance, when a page is opened)

- Returns the scanned barcode value to AL code for further processing

Barcode scanner – barcode event

- Can use a dedicated barcode scanner

- Supports scanning any number of items while AL processes the incoming barcodes

- AL developers need to explicitly instruct BC app to start listening for incoming barcodes.

Dedicated barcode scanner device integration

- Done via AL extensions (like the camera barcode scanner).

- Setup per page, meaning that multiple providers can be registered. However, incoming barcodes are always sent to the current page.

Summary of mobile app capabilities for barcode scanning

**Scenario 1
UI button**

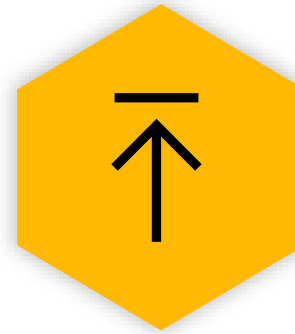

**Scenario 2
AL action**

**Scenario 3
barcode event***

**Requires Business Central mobile app version 4.0.xxxx
AND Business Central 2023 wave 2 or above**

* Android only
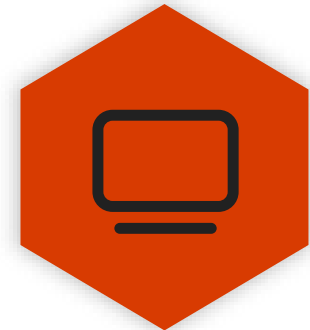
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Thank you

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