

What's New Business Central 2020 Wave 1 Release

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- Worked with IT for the past 20 odd years
- Primarily with ERP (NAV/BC) at partners and customers
- Hybrid background as a developer and consultant
- Former PTS for NAV in Denmark for 4 years.
- Partner Technical Architect at Microsoft Western Europe with Business Central product features and technical subjects as main focus.



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Sample code included in this presentation is made available AS IS.

Release Themes

1

Productivity via Modern Client

2

Application Enhancements

3

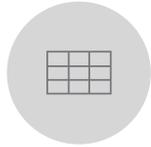
Service and Development Fundamentals

4

Cloud Migration Tools

Modern Client Productivity

Modern Client Improvements



[Disable Export of Data to Excel](#)



[Expand and Collapse Document Lines](#)



[Enable Non-Interactive Printing in the Cloud](#)



[Enter Data More Easily](#)



[Cancel Long Running Operations](#)



[Device Orientation Enhancements](#)



[Improved Page Load Time](#)



[Import Profiles and UI Customizations](#)



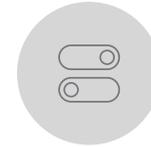
[Navigate Trees More Easily](#)



[Optimized Page Space](#)



[Show and go to related records from a list](#)



[Unhide Parts on a Page](#)



[Find Function on Role Explorer](#)

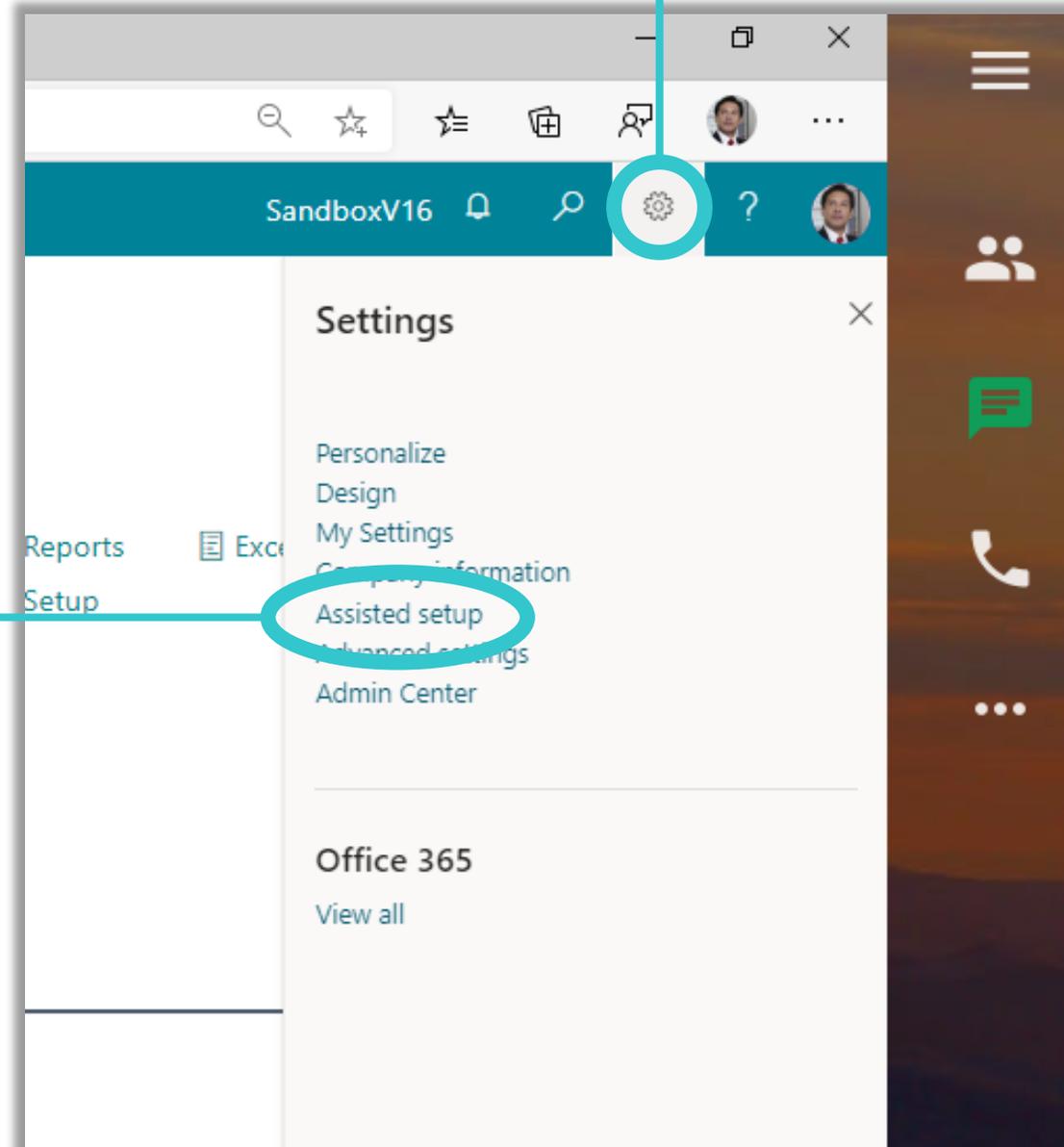


[Use Filters and Views More Easily](#)

New "Beautified" Onboarding

Your personal settings and setup of critical business processes, in one place

Quickly get to categorized assistants that walk you through setting up features



← ASSISTED SETUP | WORK DATE: 4/6/2020

 Open in Excel | More options

Name	Completed	Help	Video	Description
Set up your company	<input type="checkbox"/>	–	–	
Set up exchange rates	<input type="checkbox"/>	Read	Watch	Set up exchange rates
Set up my company	<input type="checkbox"/>	Read	–	Tell us some basic information about your business so you can start work.
Update users from Office	<input type="checkbox"/>	–	–	
Set up sales tax	<input checked="" type="checkbox"/>	Read	Watch	Set up sales tax information for your company, customers, and vendors.
Get ready for the first invoice	<input type="checkbox"/>	–	–	
Set up email	<input type="checkbox"/>	Read	Watch	Set up the email account that you use to send business documents to customers and vendors.
Customize document layouts	<input type="checkbox"/>	Read	–	Make invoices and other documents look right for your business.
Report on financial health	<input type="checkbox"/>	–	–	
Set up reporting data	<input type="checkbox"/>	Read	–	Create data sets that you can use for building reports in Excel, Power BI, or any other reporting t...
Get ready for business	<input type="checkbox"/>	–	–	
Set up payment services	<input type="checkbox"/>	Read	–	Connect to a payment services so that your customers can pay you electronically.
Migrate business data	<input type="checkbox"/>	Read	Watch	Import existing data to Business Central from your former system.
Set up Cloud Migration	<input type="checkbox"/>	Read	–	Migrate data from your on-premises environment to Business Central.
Invite external accountant	<input type="checkbox"/>	Read	–	Send a link to your external accountant so that they can access your Business Central.
Set up AMC Banking 365 Foundation extension	<input type="checkbox"/>	Read	–	Connect to an online bank service that can convert bank data from Business Central into the for...
Connect with other systems	<input type="checkbox"/>	–	–	
Set up Dynamics 365 Sales connection	<input type="checkbox"/>	Read	Watch	Connect your Dynamics 365 services for better insights.
Set up the Common Data Service connection	<input type="checkbox"/>	Read	–	Connect to Common Data Service for better insights across business applications.
Do more with Business Central	<input type="checkbox"/>	–	–	
Set up your Business Inbox in Outlook	<input type="checkbox"/>	Read	Watch	Configure Exchange so that users can complete business tasks without leaving their Outlook inb...
Set up cash flow forecast	<input type="checkbox"/>	Read	–	Manage your cash flow by automatically analyzing specific general ledger accounts.
Set up approval workflows	<input type="checkbox"/>	–	–	
Set up approval workflows	<input type="checkbox"/>	Read	Watch	Create approval workflows that automatically notify an approver when a user tries to create or c...
Set up email logging	<input type="checkbox"/>	Read	Watch	Track email exchanges between your sales team and customers and prospects, and then turning...
Set up an item approval workflow	<input type="checkbox"/>	–	–	Create approval workflows that automatically notify an approver when a user tries to create or c...
Set up a customer approval workflow	<input type="checkbox"/>	–	–	Create approval workflows that automatically notify an approver when a user tries to create or c...
Set up a payment approval workflow	<input type="checkbox"/>	–	–	Create approval workflows that automatically notify an approver when a user sends payment jo...

INSIGHT FROM THE LAST THREE MONTHS

You closed 16 more deals than in the same period last year

○○○○●

Activities

Activities ▾

SALES THIS MONTH

\$1,906

> See more

OVERDUE SALES INVOICE AMOUNT

\$63,890

> See more

OVERDUE PURCH. INVOICE AMOUNT

\$49,422

> See more

ADVANCED SETTINGS



Extensions enhance the capabilities of Business Central.

[Extensions](#)

Set up and manage use of external services.

[Service Connections](#)

Overview and manage individual settings and behaviors.

[Manual Setup](#)

Manage automation of business processes.

[Workflows](#)

Done

+ Purchase Order > New > Reports
+ Purchase Invoice > Payments > Setup

ONGOING SALES

SALES QUOTES

2

>

SALES ORDERS

4

>

SALES INVOICES

7

>

ONGOING PURCHASES

PURCHASE ORDERS

5

>

ONGOING PUR... INVOICES

3

>

PURCH. INVOI... NEXT WEEK

13

>

APPROVALS

REQUESTS TO APPROVE

0

>

PAYMENTS

UNPROCESSED PAYMENTS

1

>

AVERAGE COL... DAYS

5.9

>

OUTSTANDING... INVOICES

13

>

CAMERA



Create Incomin... from Camera

INCOMING DOCUMENTS

MY INCOMING DOCUMENTS

1

>

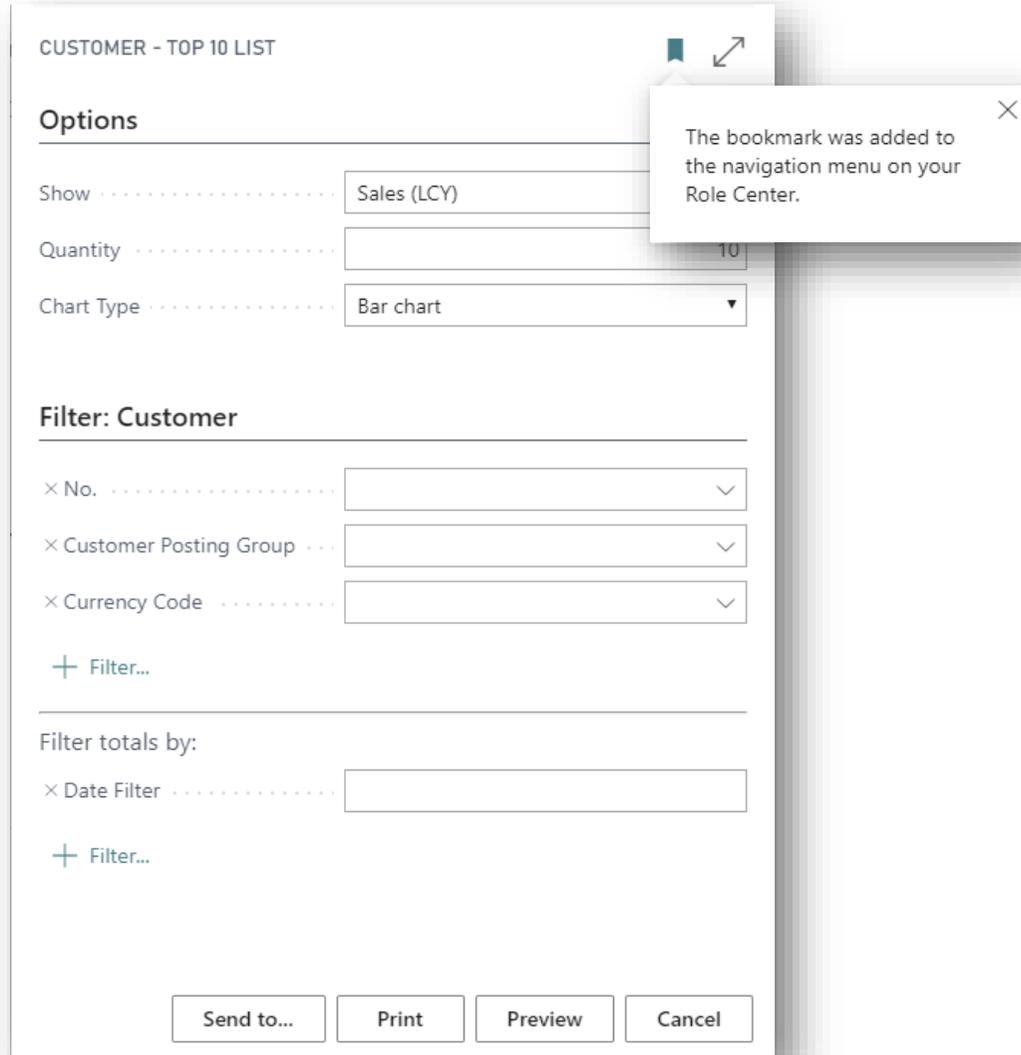
Collapsible Document Lines

- Users are in control: optimize your space as you work!
- Similar experience to how FastTabs behave
- Remembers your last preference
- Alt+F6 shortcut to toggle expand/collapse
- Applies to any ListParts at the root of a Card or Document page

Activate the caption to collapse or expand again

The screenshot shows a Microsoft Dynamics 365 Sales Invoice form. At the top, the title bar reads "SALES INVOICE | WORK DATE: 4/6/2020" with a back arrow on the left and edit, add, and delete icons on the right. Below the title bar, the invoice number "S-INV102199" and company name "Adatum Corporation" are displayed. A navigation bar contains buttons for "Posting", "Prepare", "Invoice", "Release", "Request Approval", "Navigate", and "More options". The "General" section includes fields for "Customer Name" (Adatum Corporation), "Posting Date" (4/4/2020), "Contact" (Robert Townes), and "Due Date" (5/4/2020). The "Lines" section is partially visible at the bottom. A red circle highlights the "Lines >" caption, and a red line connects it to the text "Activate the caption to collapse or expand again".

Bookmark a link to a report

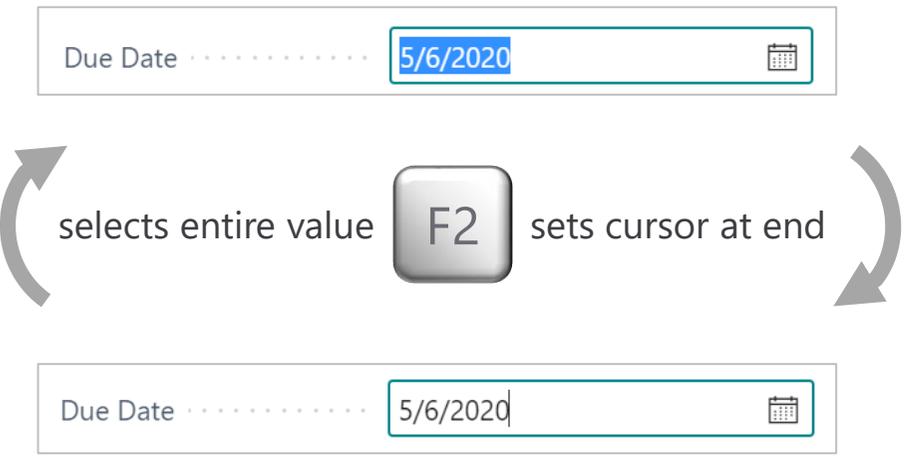


- Look for the Bookmark icon
 - In the TellMe window
 - On most report request pages
- Add a link to that report in your navigation menu
- Save clicks and time by bookmarking the reports you use most often
- Available when
 - Personalizing
 - Customizing a role
 - Using the in-app Designer

Improved data entry

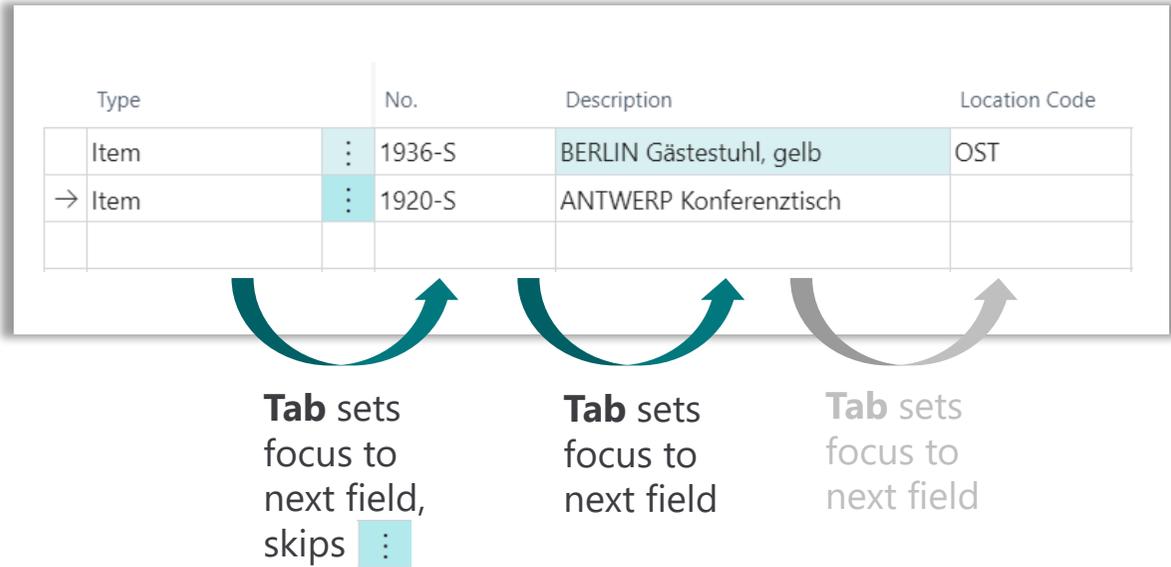
F2 key toggles selection of field value

- Replace vs Add to value
- Efficient mouse-free experience
- For editable fields and cells



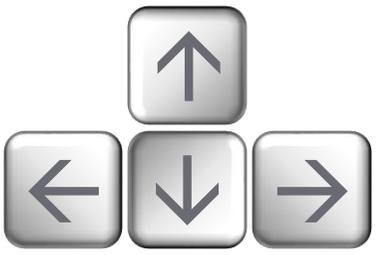
Tab key consistently skips over row menu

- Predictability as you type out a row
- Improved heads-down entry experience
- Applies to editable rows



- Note:
- Shift+Tab also skips row menu
 - Menu still reachable using arrow keys

Improved data exploration



Navigate across cells

- Arrow keys select next cell value up, down, left, right
- Consistent across editable/readonly cells
- Efficient single-handed, mouse-free experience

Type	No.	Description ↑	Location Code	Quantity	Qty. to Assemble to Order	Unit of Measure Code	Unit Price Excl. VAT
Item	1920-S	ANTWERP Conference table		1	0	STÜCK	651.10
Item	1936-S	BERLIN Guest Chair	OST	10	0	STÜCK	193.70
Item	1928-S	AMSTERDAM Lamp		2	0	STÜCK	55.20

Navigate out of current cell

- Easily add to cell value then advance to the next cell
 - Right-arrow when cursor is at end of value
 - Left-arrow when cursor is at beginning of value
- For editable cells only

ANTWERP Conference table	
BERLIN Guest chair	OST
AMSTERDAM Lamp	

Right-Arrow
sets focus to next field value

Navigate to beginning or end

- Home / End keys are contextual
 - If cursor within cell value, go to start/end of value
 - If entire cell selected, go to first/last cell

Type	No.	Description ↑
Item	1920-S	ANTWERP Conference table
Item	1936-S	BERLIN Guest Chair
Item	1928-S	AMSTERDAM Lamp

Home
sets focus to first cell

Pages load faster

- Pages open quicker after the first time they are accessed.
- Structure of the page is shown first, giving context while data loads
- Even when you sign in again!*
- Best experienced on modern browsers

* Available from Update 16.1

UI appears immediately while data is fetched

The screenshot displays the 'Edit - Sales Order' interface. At the top, there is a navigation bar with icons for back, edit, add, and delete. Below this is a menu with options: Process, Report, Release, Posting, Prepare, Order, Request Approval, Print/Send, Navigate, and More options. The main content area is divided into sections. The 'General' section is currently active, showing fields for Customer Name, Contact, Posting Date, Order Date, Due Date, Requested Deliver..., External Documen..., and Status. A teal circle highlights the 'Customer Name' field. Below this is a 'Lines' table with columns for Type, No., Description, Location Code, and Quantity. The right sidebar shows a 'Details' section with a teal circle highlighting the 'Sell-to Customer Sales' section. At the bottom, there is an 'Invoice Discount %' field.

Navigate trees more easily

- Explore hierarchical data using any input method
- Intuitive buttons integrated into the list
- Remembers your preference to start fully expanded or collapsed on each page, per user or per role.
- Automatically available for any list with AL property ShowAsTree=True
- New property TreeInitialState puts developers in control

Toggle Expand or Collapse

Toggle Expand All or Collapse All

No.	Name	
10000	BALANCE SHEET	B
→ 10001	: ASSETS	B
10100	Checking account	B
10200	Saving account	B
10300	Petty Cash	B
10400	Accounts Receivable	B
10500	Prepaid Rent	B
10600	Prepaid Insurance	B
10700	Inventory	B
10800	Equipment	B
10900	Accumulated Depreciation	B
10910	WIP Job Sales	B

Better utilization of space on a page

Expand page to Wide to benefit from

- More compact page caption
- Minimal grey-space

Reduced spacing for caption-less groups

Approximately
15% more horizontal space*
5% more vertical space*

* Actual space saving varies by Page Type, code patterns, screen resolution and browser zoom applied.

Posting Date	Document Type	Document No.	Customer No.	Description	Currency Code	Original Amount	Amount	Amount (\$)	Remaining Amount	Re
3/15/2019	Payment	PS-INV103204	10000	S-INV102211		-247.83	-247.83	-247.83	0.00	
3/6/2019	Payment	PS-INV103203	10000	S-INV102210		-3,067.00	-3,067.00	-3,067.00	0.00	
2/28/2019	Payment	PS-INV103202	10000	S-INV102209		-266.70	-266.70	-266.70	0.00	
2/25/2019	Payment	PS-INV103201	10000	S-INV102208		-2,726.11	-2,726.11	-2,726.11	0.00	
2/23/2019	Payment	PS-INV103200	10000	S-INV102207		-1,486.97	-1,486.97	-1,486.97	0.00	
3/4/2019	Payment	PS-INV103199	10000	S-INV102206		-1,811.54	-1,811.54	-1,811.54	0.00	
2/13/2019	Invoice	PS-INV103204	10000	Invoice S-INV102211		247.83	247.83	247.83	0.00	
2/3/2019	Invoice	PS-INV103203	10000	Invoice S-INV102210		3,067.00	3,067.00	3,067.00	0.00	
1/24/2019	Invoice	PS-INV103202	10000	Invoice S-INV102209		266.70	266.70	266.70	0.00	
1/19/2019	Invoice	PS-INV103201	10000	Invoice S-INV102208		2,726.11	2,726.11	2,726.11	0.00	
1/18/2019	Invoice	PS-INV103200	10000	Invoice S-INV102207		1,486.97	1,486.97	1,486.97	0.00	
1/17/2019	Invoice	PS-INV103199	10000	Invoice S-INV102206		1,811.54	1,811.54	1,811.54	0.00	
3/21/2019	Payment	PS-INV103191	10000	Invoice S-INV102191		-21,149.34	-21,580.96	-21,580.96	0.00	
3/21/2019	Invoice	PS-INV103191	10000	Invoice S-INV102191		21,580.96	21,580.96	21,580.96	0.00	
3/17/2019	Payment	PS-INV103186	10000	Invoice S-INV102186		-1,001.40	-1,021.84	-1,021.84	0.00	
3/17/2019	Invoice	PS-INV103186	10000	Invoice S-INV102186		1,021.84	1,021.84	1,021.84	0.00	
2/19/2019	Payment	PS-INV103178	10000	Invoice S-INV102178		-17,421.09	-17,776.62	-17,776.62	0.00	
2/19/2019	Invoice	PS-INV103178	10000	Invoice S-INV102178		17,776.62	17,776.62	17,776.62	0.00	
2/15/2019	Payment	PS-INV103174	10000	Invoice S-INV102174		-801.12	-817.47	-817.47	0.00	
2/15/2019	Invoice	PS-INV103174	10000	Invoice S-INV102174		817.47	817.47	817.47	0.00	
1/21/2019	Payment	PS-INV103165	10000	Invoice S-INV102165		-12,438.80	-12,692.65	-12,692.65	0.00	
1/21/2019	Invoice	PS-INV103165	10000	Invoice S-INV102165		12,692.65	12,692.65	12,692.65	0.00	
1/17/2019	Payment	PS-INV103160	10000	Invoice S-INV102160		-801.12	-817.47	-817.47	0.00	
1/17/2019	Invoice	PS-INV103160	10000	Invoice S-INV102160		817.47	817.47	817.47	0.00	

Business Central update 15.0

Posting Date	Document Type	Document No.	Customer No.	Description	Currency Code	Original Amount	Amount	Amount (LCY)	Remaining Amount	Remaining Amt. (LCY)	Due Date
1/27/2022	Invoice	103032	10000	Invoice 1004		15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	2/27/2022
1/19/2022	Invoice	103028	10000	Order 6005		4,101.88	4,101.88	4,101.88	4,101.88	4,101.88	2/19/2022
1/24/2022	Invoice	103001	10000	Invoice 103001		8,182.35	8,182.35	8,182.35	8,182.35	8,182.35	2/24/2022
1/16/2022	Payment	2596	10000	Payment 2022		-67,704.67	-67,704.67	-67,704.67	0.00	0.00	1/16/2022
1/16/2022	Payment	2596	10000	Payment 2022		-50,778.50	-50,778.50	-50,778.50	0.00	0.00	1/16/2022
1/16/2022	Payment	2596	10000	Payment 2022		-25,389.25	-25,389.25	-25,389.25	0.00	0.00	1/16/2022
1/16/2022	Credit Memo	104001	10000	Credit Memo 104001		-292.84	-292.84	-292.84	-292.84	-292.84	1/16/2022
1/9/2022	Invoice	103015	10000	Order 101001		8,269.04	8,269.04	8,269.04	8,269.04	8,269.04	2/6/2022
12/31/2021	Invoice	00-9	10000	Opening Entries, Customers		50,778.50	50,778.50	50,778.50	50,778.50	50,778.50	1/31/2022
12/31/2021	Invoice	00-6	10000	Opening Entries, Customers		67,704.67	67,704.67	67,704.67	0.00	0.00	1/10/2022
12/31/2021	Invoice	00-3	10000	Opening Entries, Customers		50,778.50	50,778.50	50,778.50	0.00	0.00	1/6/2022
12/31/2021	Invoice	00-16	10000	Opening Entries, Customers		33,852.35	33,852.35	33,852.35	33,852.35	33,852.35	1/31/2022
12/31/2021	Invoice	00-11	10000	Opening Entries, Customers		63,473.13	63,473.13	63,473.13	63,473.13	63,473.13	1/31/2022
12/31/2021	Invoice	00-1	10000	Opening Entries, Customers		25,389.25	25,389.25	25,389.25	0.00	0.00	1/1/2022
1/16/2022	Payment	2596	10000	Payment 2022		-67,704.67	-67,704.67	-67,704.67	0.00	0.00	1/16/2022
1/16/2022	Payment	2596	10000	Payment 2022		-50,778.50	-50,778.50	-50,778.50	0.00	0.00	1/16/2022
1/16/2022	Payment	2596	10000	Payment 2022		-25,389.25	-25,389.25	-25,389.25	0.00	0.00	1/16/2022
1/16/2022	Credit Memo	104001	10000	Credit Memo 104001		-292.84	-292.84	-292.84	-292.84	-292.84	1/16/2022
1/9/2022	Invoice	103015	10000	Order 101001		8,269.04	8,269.04	8,269.04	8,269.04	8,269.04	2/6/2022
12/31/2021	Invoice	00-9	10000	Opening Entries, Customers		50,778.50	50,778.50	50,778.50	50,778.50	50,778.50	1/31/2022
12/31/2021	Invoice	00-6	10000	Opening Entries, Customers		67,704.67	67,704.67	67,704.67	0.00	0.00	1/10/2022
12/31/2021	Invoice	00-3	10000	Opening Entries, Customers		50,778.50	50,778.50	50,778.50	0.00	0.00	1/6/2022
12/31/2021	Invoice	00-16	10000	Opening Entries, Customers		33,852.35	33,852.35	33,852.35	33,852.35	33,852.35	1/31/2022
12/31/2021	Invoice	00-11	10000	Opening Entries, Customers		63,473.13	63,473.13	63,473.13	63,473.13	63,473.13	1/31/2022
12/31/2021	Invoice	00-1	10000	Opening Entries, Customers		25,389.25	25,389.25	25,389.25	0.00	0.00	1/1/2022

Example: simple list page gains 2 columns and 1 row on screen

Business Central update 16.0

Jump to related record

- Navigate via links to related entries
- Enhances the ability to drill down and travers via pages
- Enabled for fields with lookup triggers and table relation defined
- Example: Open customer or item card from sales order in view mode

Use this to peek and jump

The screenshot displays the Dynamics 365 Business Central interface for 'CRONUS FURNITURE'. The 'Sales Orders' list is shown in view mode. The third row is highlighted in teal, showing order number 'S-ORD101003' and customer number '30000'. A pop-up window titled 'Show more about "30000"' is open, showing a list of related records with columns for 'No.', 'Name', 'ZIP Code', and 'Phone No.'. The first record in the pop-up is '30000 School of Fine Art' with ZIP Code '37125'. An 'Open' button is visible in the bottom right corner of the pop-up window.

No. ↑	Sell-to Customer No.	Sell-to Customer Name	External Document No.	Location Code	Assigned User ID
S-ORD101001	10000	Adatum Corporation			
S-ORD101002	10000	Adatum Corporation			
S-ORD101003	30000	School of Fine Art			
S-ORD101004					
S-ORD101006					

No. ↑	Name	ZIP Code	Phone No.
→ 30000	School of Fine Art	37125	

Unhide Parts on a Page

- Optimize your workspace by bringing secondary content back into view
- Applies to all parts, such as
 - Role Center parts
 - FactBoxes on any page
 - Parts on the canvas of a page
- Available when
 - Personalizing
 - Customizing a role
 - Using the in-app Designer

Hidden parts appear when you start Personalizing

New **Show** menu item

The screenshot shows the 'Personalizing: My Accounts' menu with a 'Show' option highlighted. Below the menu, a table of 'Favorite Accounts' is displayed with a red border and a 'This part is currently hidden' warning. The table lists account numbers, names, and balances.

Account No.	Name	Balance
10100	Checking account	1,638.40
10200	Saving account	0.00
10300	Petty Cash	96,549.23
10400	Accounts Receivable	72,893.84
20100	Accounts Payable	-51,750.97

Financial Summary Table:

	03/01/20..03/31/20	04/01/20..04/30/20
Total Revenue	46,199.45	1,188.62
Total Cost	45,138.70	1,485.40
Gross Margin	1,060.75	-296.78
Gross Margin %	2.30	-24.97
Operating Expenses	2,000.00	-
Operating Margin	-939.25	-296.78
Operating Margin %	-2.03	-24.97
Other Expenses	-	-
Income before Inter...	-939.25	-296.78

Improved Filter Expressions

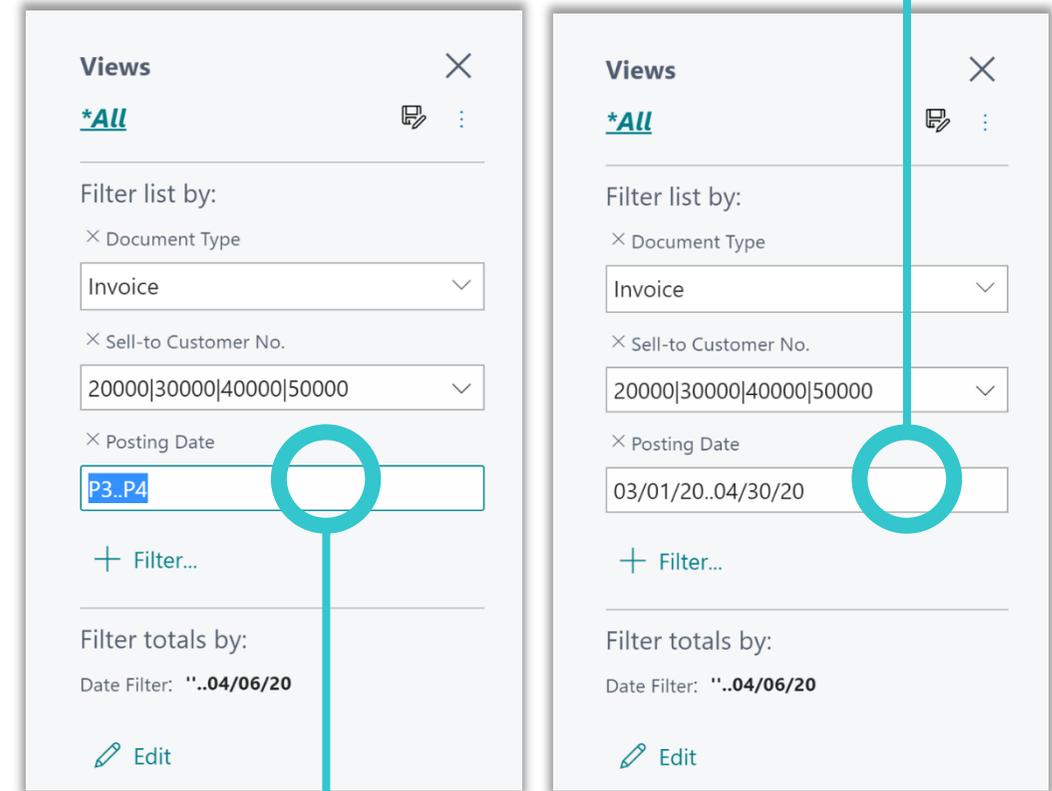
Toggle between the **value** and **expression** of a filtered field

Easily edit the expression that may include date ranges, filter tokens and other keywords.

Applies to

- Filters on Lists
- Filters on Reports
- Filters on XmlPorts
- Filters on similar filter screens

Set focus away to view the resulting value



Set focus to a filter field to view or edit the expression

Sharing links to records

Web client Url is automatically updated as you navigate, now includes

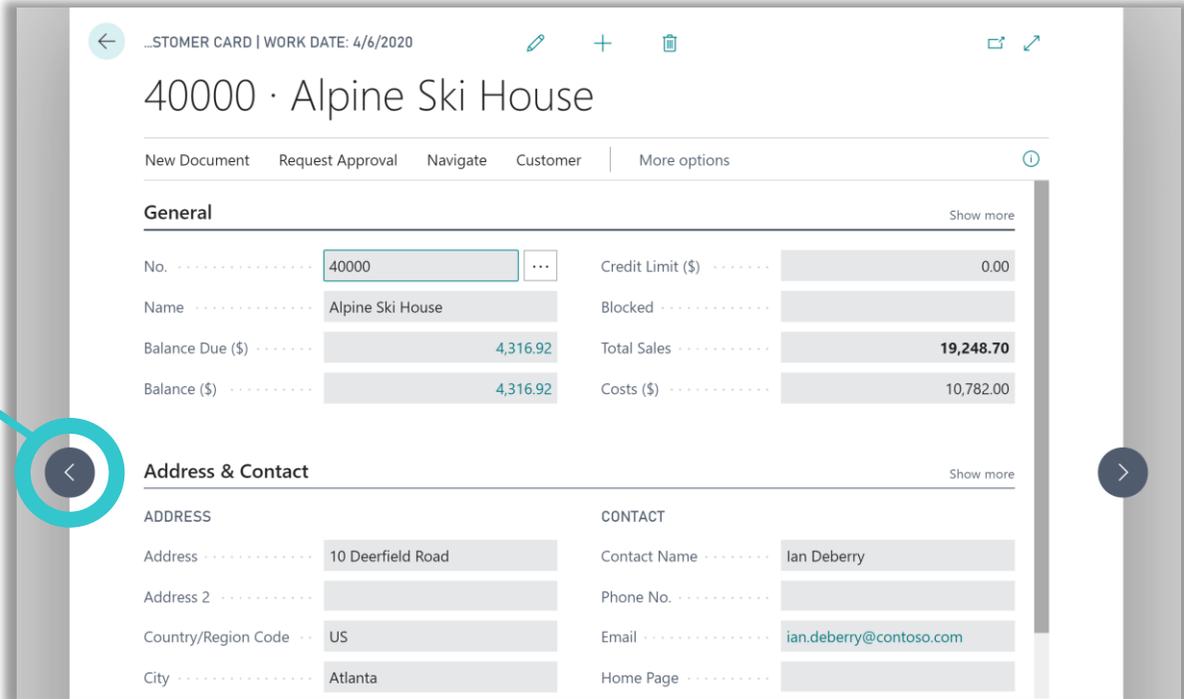
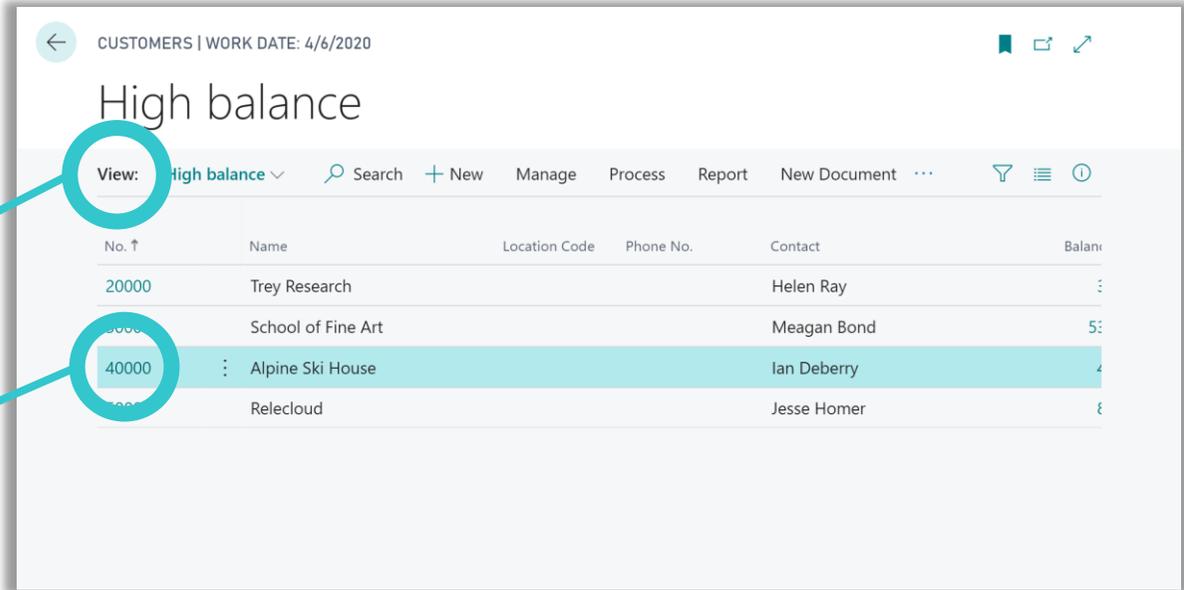
Your current list view and the filters it applies

The (single) currently-selected row

The current record, even if you get to it using previous/next

Great for these scenarios!

- Adding a deep link to your browser Favorites
- Sharing a deep link with a colleague
- Pick up where you left off after you reload the webpage or your session times out



Troubleshooting UI Customization

Run a series of diagnostic tests

- Admins get insights into the health of
- Personalization per user/page
 - Role customization per profile/page

- Admins resolve issues by
- Deleting the offending UI Customization
 - Exporting profiles, correcting page customizations in AL format and re-importing

Technical explanation of each problem

Health is reported per customized page

The screenshot shows the 'CUSTOMIZED PAGES | WORK DATE: 4/6/2020' interface. The top navigation bar includes 'Search', 'Manage', 'Troubleshoot', and 'Show only errors'. Below this is a table with columns: Profile ID ↑, Page ID ↑, Page Caption, Owner ↑, and Health. The first row is highlighted in light blue and shows a warning: '1 warning(s)'. The other rows show 'OK' status. Below the table is a 'Detected Problems' section with a table showing a 'Warning' severity and a technical detail: 'AL1405: The control 'Name666' is not found in the target 'Chart of Accounts''.

Profile ID ↑	Page ID ↑	Page Caption	Owner ↑	Health
BUSINESS MANAGER	16	Chart of Accounts	Tenant	1 warning(s)
BUSINESS MANAGER	21	Customer Card	Tenant	OK
BUSINESS MANAGER	22	Customers	Tenant	OK
BUSINESS MANAGER	30	Item Card	Tenant	OK
BUSINESS MANAGER	31	Items	Tenant	OK
BUSINESS MANAGER	681	Report Inbox	Tenant	OK
BUSINESS MANAGER	1310	Activities	Tenant	OK
BUSINESS MANAGER	3731	Setup Guide Topics	Tenant	OK

Severity	Technical details
Warning	AL1405: The control 'Name666' is not found in the target 'Chart of Accounts'

Feature Management

Feature ON.. Feature OFF!

- Subset of new features and improvements will appear here
- Primarily platform features that change user experience
- Features remain optional until a future service update
- Admins are in control

The screenshot shows the 'FEATURE MANAGEMENT' interface. At the top, there is a search bar, an 'Edit List' button, and a 'Page' indicator. On the right, there are icons for 'SAVED', a bookmark, a share icon, and a help icon. Below this is a table with columns: 'Feature', 'Learn more', 'Automatically enabled from', 'Enabled for', and 'Get started'. The first row is highlighted in light blue and contains: 'First Feature', 'Learn more', 'Update 16.0 (Q2 2020)', 'All Users', and 'Try it out'. The second row contains: 'Second Feature', 'Learn more', 'Update 17.0 (Q4 2020)', 'All Users', and 'Try it out'. The third row contains: 'Feature Change', 'Learn more', 'Update 17.0 (Q4 2020)', 'None', and 'Try it out'. To the right of the table is a 'Managing change' section with a paragraph of text. Three callout boxes with arrows point to specific elements: the first points to the 'Learn more' link in the first row; the second points to the 'Enabled for' column header; the third points to the 'Try it out' button in the first row.

Upcoming Features can be toggled until this date

Toggle the feature ON or OFF for all users of this environment

Opens a new browser tab to try out the feature for yourself

Feature	Learn more	Automatically enabled from	Enabled for	Get started
→ First Feature	Learn more	Update 16.0 (Q2 2020)	All Users	Try it out
Second Feature	Learn more	Update 17.0 (Q4 2020)	All Users	Try it out
Feature Change	Learn more	Update 17.0 (Q4 2020)	None	Try it out

Managing change

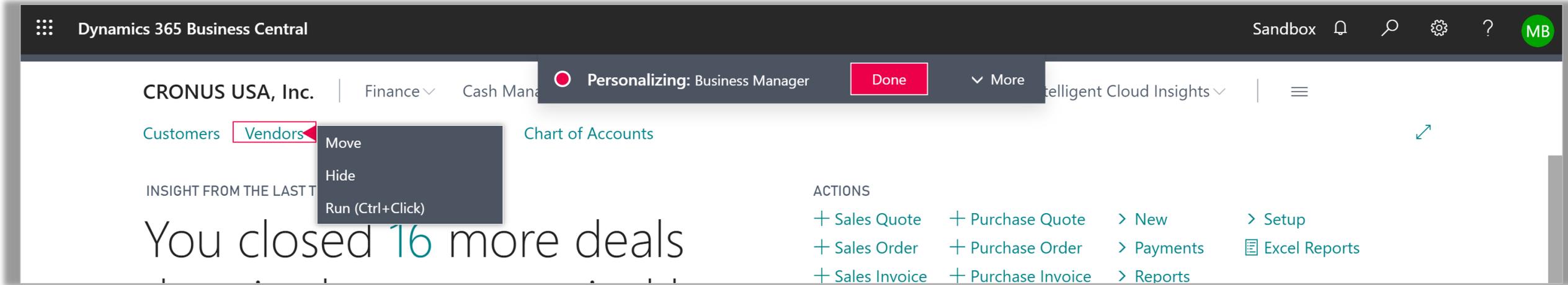
Some new features are turned off when Dynamics 365 Business Central is updated to a newer version. These features are optional for a period of time until they are automatically enabled for all users in a later software update.

You can prepare in advance by enabling these features for all users on the right environment at the right time that suits your schedule.

Manage change, on your own terms

- Try a feature on a Sandbox, then enable in Production
- More time to explore, adapt to upcoming change
- Feature available as standard later, but you can enable earlier

Ctrl+Click to navigate when customizing the UI



Usability improvement for smoother navigation

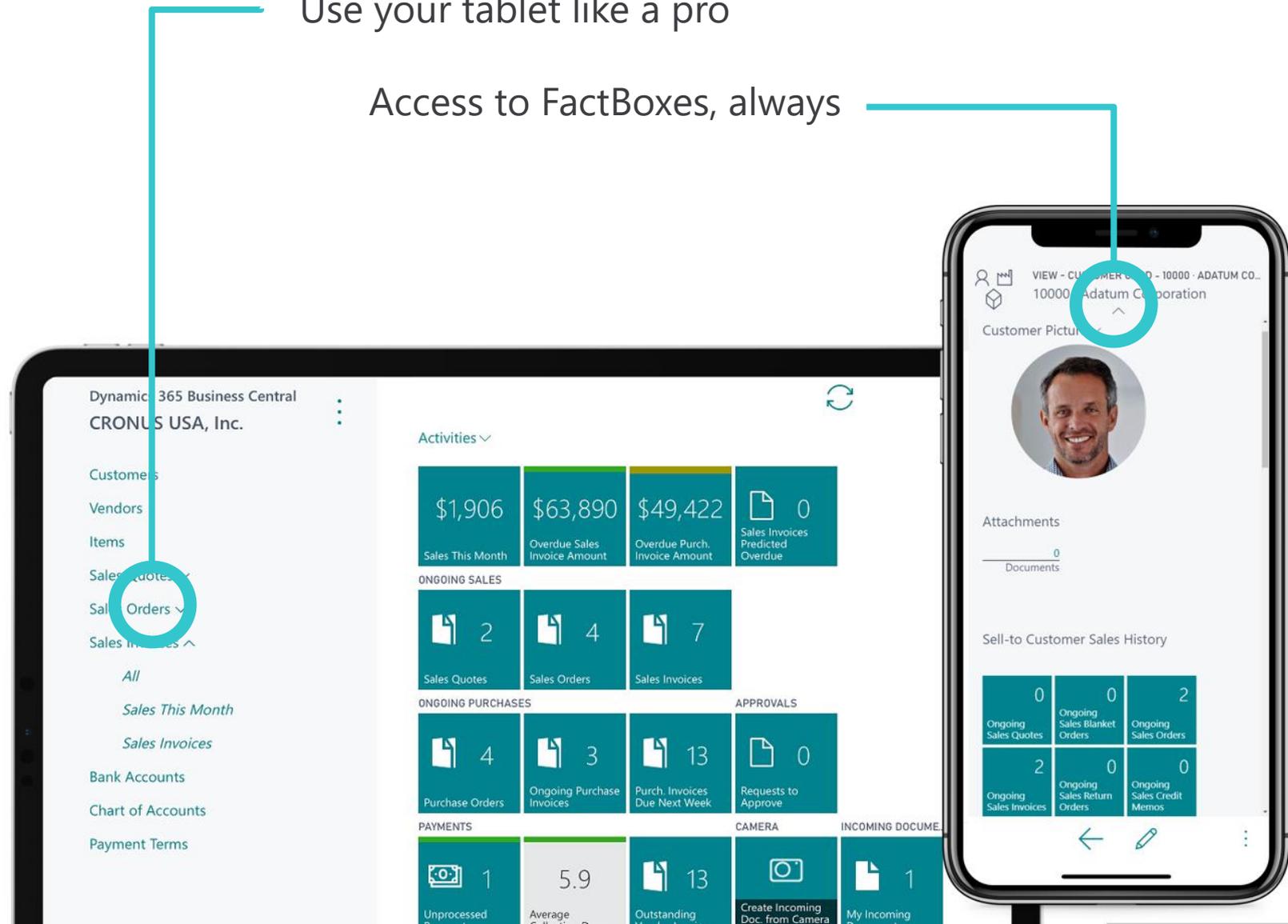
- Available when personalizing, customizing a profile or designing an extension
- Just Ctrl+Click to activate a customizable link
- Applies to Navigation menu links or Actions
- Accompanying menu item

Enhanced mobile accessibility

- Use both your thumbs to move through the role center
- Navigation and data form two independent scrollable parts
- No restriction on the number of data cues on the role center anymore
- Also: Easy access to FactBoxes independent of the device orientation

Use your tablet like a pro

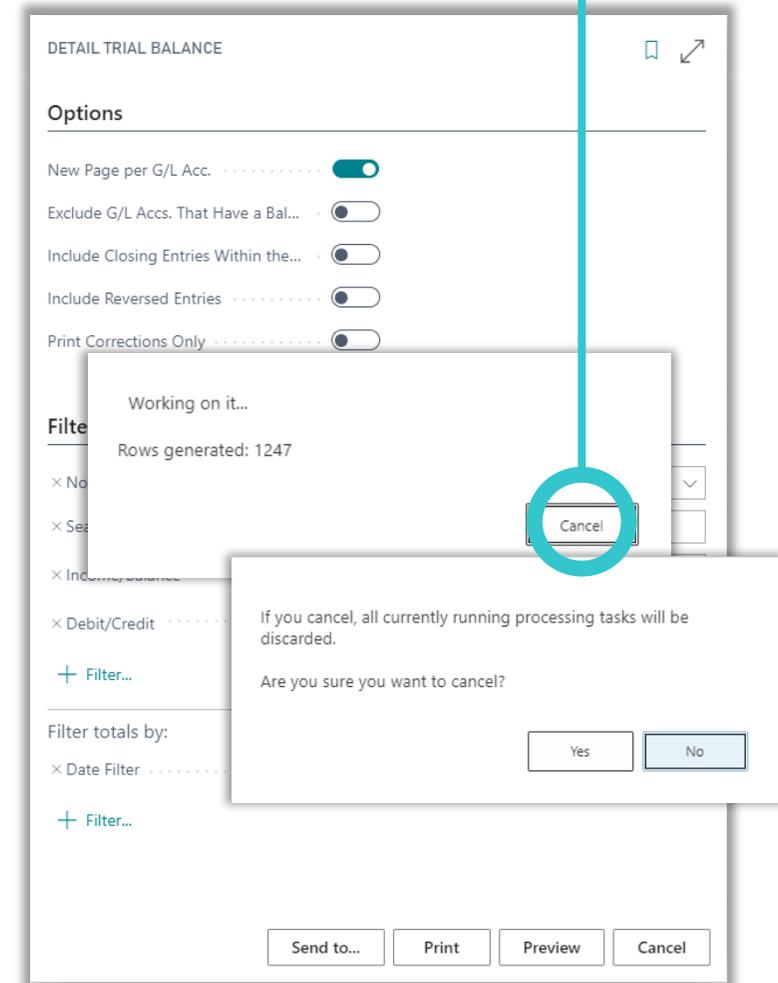
Access to FactBoxes, always



Cancel long-running reports or operations

- Applies to reports and other application operations like batch posting
- Those long-running tasks now give progress feedback
- User is presented with an option to cancel (with confirmation)
- Cancellation request is then sent to the server for execution

Cancel when needed



Import Profiles and UI Customizations

IMPORT PROFILES (1 OF 3)

WELCOME TO THE IMPORT PROFILES GUIDE

You can update your list of profiles (roles) by uploading a package file that you exported earlier.

Importing a package can add new profiles or replace existing profiles and their page modifications. Before you import a package, we recommend that you create a copy of your existing profiles by using the Export Profiles action on the Profiles (Roles) page.

When you replace a profile, signed-in users who are assigned to the profile may be interrupted briefly.

LET'S GO!

Choose Select Package to find a profiles package file.

After choosing a package, you can select which profiles you want to add or replace before committing the change.

Select package

IMPORT PROFILES (2 OF 3)

The package contains the following profiles. If there are profiles that you do not want to import, clear the check box.

Select...	Action	Profile ID ↑	Source of the profile in Business Central
<input checked="" type="checkbox"/>	Replace	SB	(User-created)
→ <input type="checkbox"/>	: Replace	SI	(User-created)
<input type="checkbox"/>	Replace	BLANK	System Application
<input checked="" type="checkbox"/>	Replace	BUSINESS M...	Base Application

Back Import selected

IMPORT PROFILES (3 OF 3)

Results

Profile ID	Message
→ SB	: Successfully imported
BUSINESS MANAG...	Successfully imported with warnings

Back Done

Restore backups of your profiles or move page customizations from sandbox to production without Visual Studio Code

Get an overview of which profiles will be added or replaced

Import a package of profiles into your environment, including

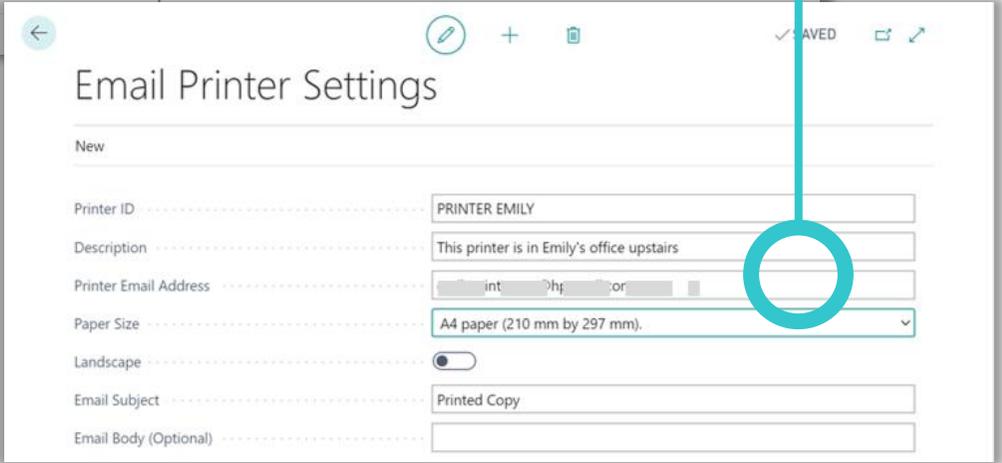
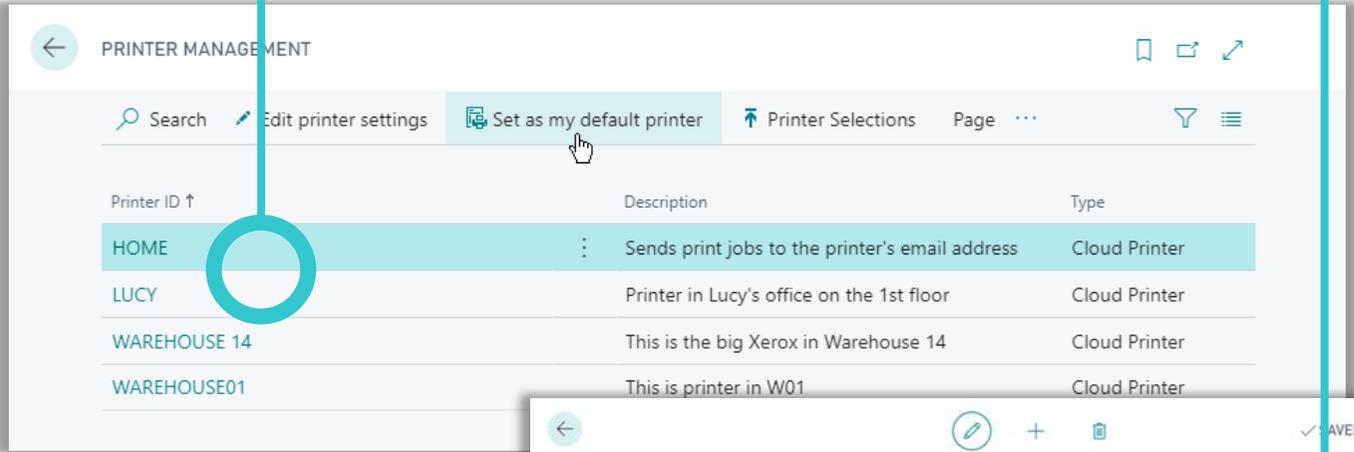
- Profile settings
- Page customizations

Non-interactive Printing

- Print any reports or documents (Orders, Invoices) directly using the predefined printers configured via the new **Printer Management** page
- Assign reports to different printers (per user) using **Printer Selections**
- No need to download reports or manage PDFs
- Built-in support for many email-enabled printers (HP, Epson, Xerox, etc..)
- Extensibility model - partners providing extensions for other cloud printing technologies (ie. PrintNode)

Define cloud printers

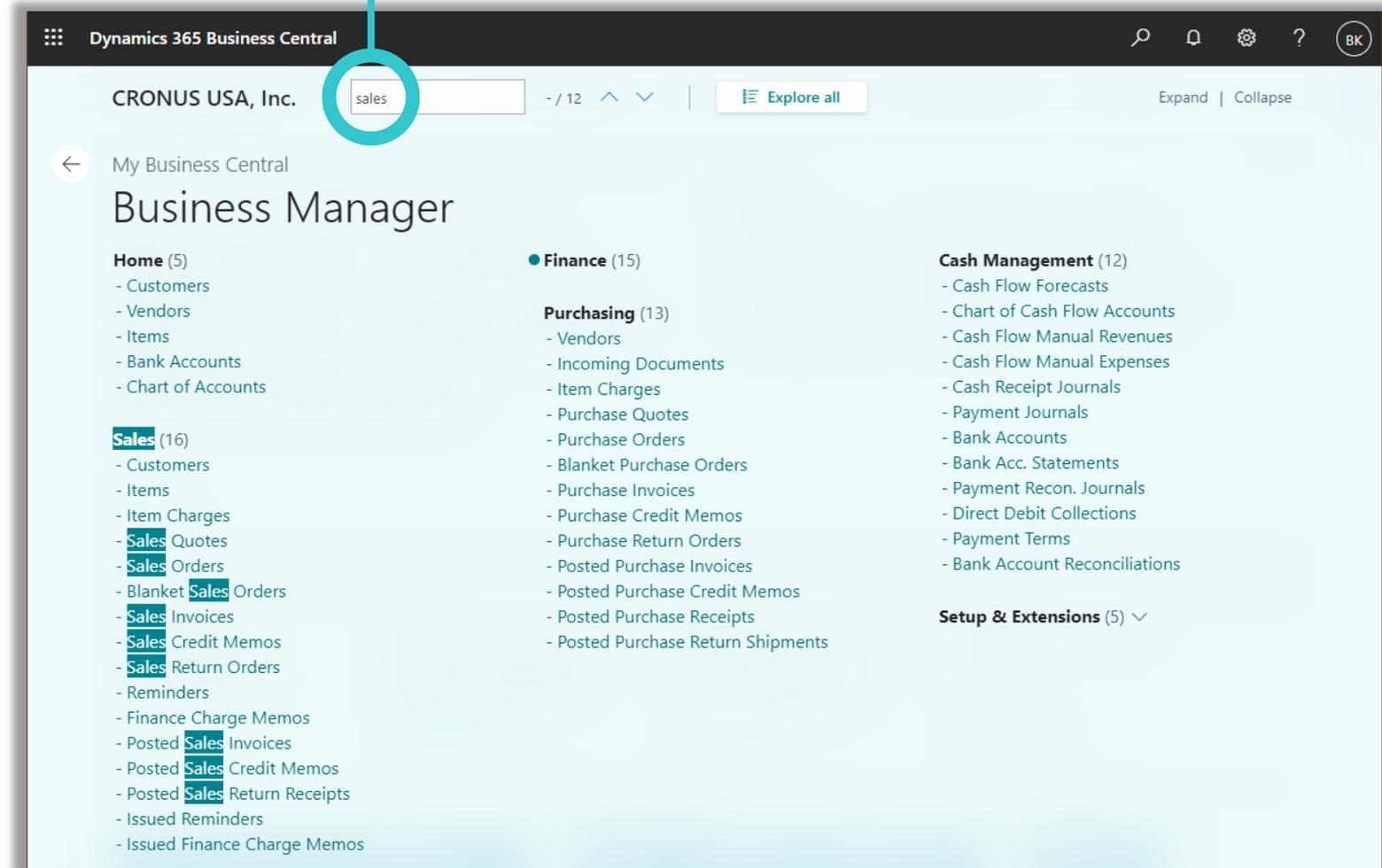
Use email-enabled printers



Find in Role Explorer

- Role Explorer how has its own **find** function
 - Try it out by activating *find*, pressing the F3 key, or just start typing!
 - **Highlights** any matches, even within grouped content (indicated by ●)
 - Quickly traverse matching results by using   or shortcut keys
- Navigate to features faster
- Learn how content is organized

Find as you type



DEMO



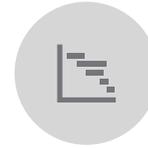
Application



[Extend ListPlus Pages](#)



[Multiple Languages](#)



[Auto-Insert Recurring Sales and Purchase Lines](#)



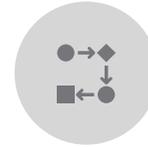
[Bank Reconciliation Improvements](#)



[Enhanced Customer and Vendor Document Layout](#)



[Manage Direct-Debit Collections in Service Management](#)



[Notify Requester of Changes on Approval Request](#)



[Print to Attachment](#)



[Receive More Items than Ordered](#)



[Register Capacity in Units of Seconds](#)



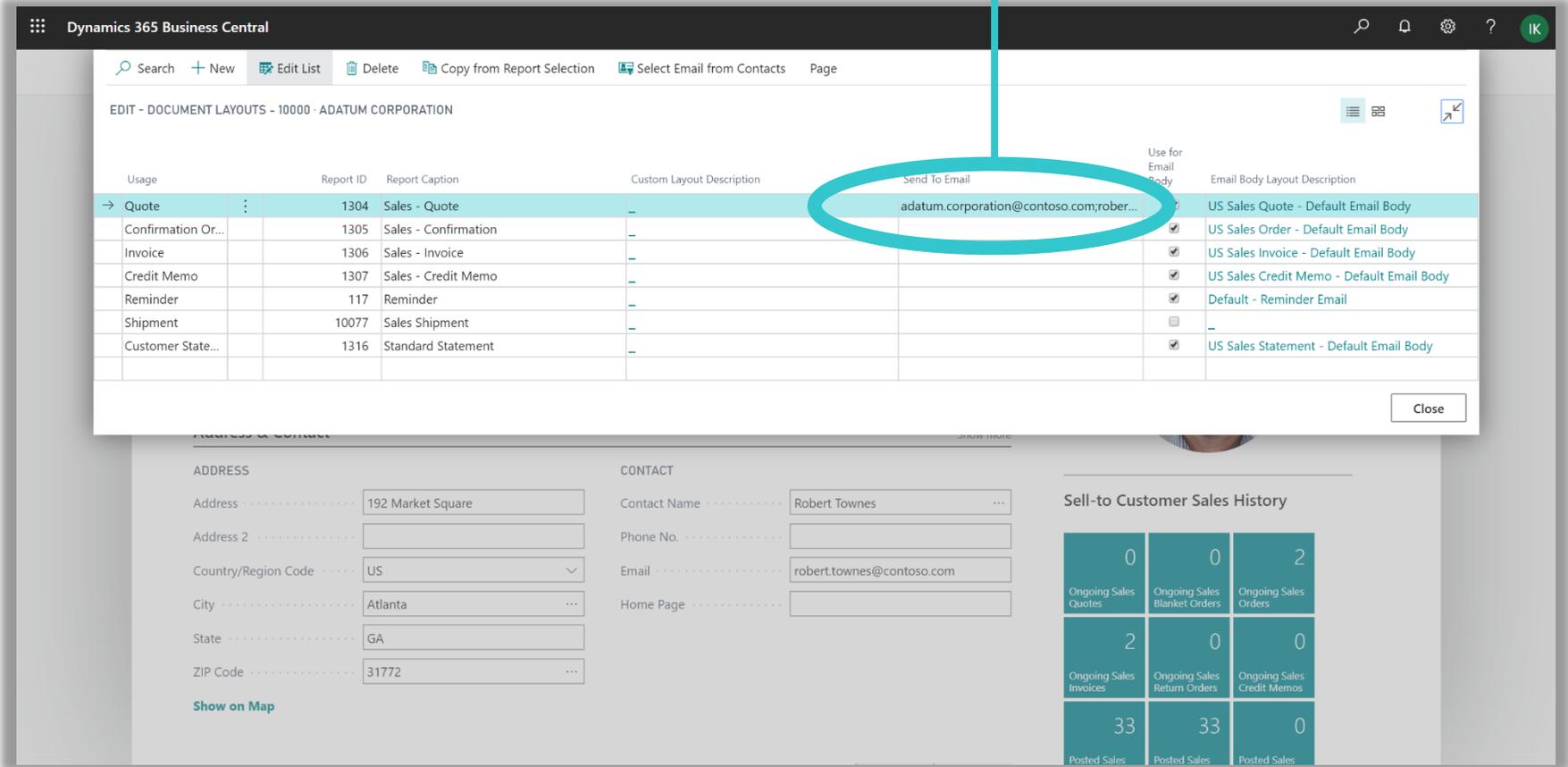
[Revert Quantity to Invoice when Canceling Order](#)



[Use Resources in Purchase Documents](#)

Enhanced Customer and Vendor Document Layout

- Populate the **Document Layouts** page for vendors and customers based on settings on the **Report Selection** page
- Choose the company contacts to use for specific document layouts
- **Document Layouts** page for a customer now contains additional usage options for reminders and posted shipments
- **Document Layout** page for a vendor now contains additional usage options for purchase orders and posted return shipment



Manage Direct-Debit Collections in Service Management

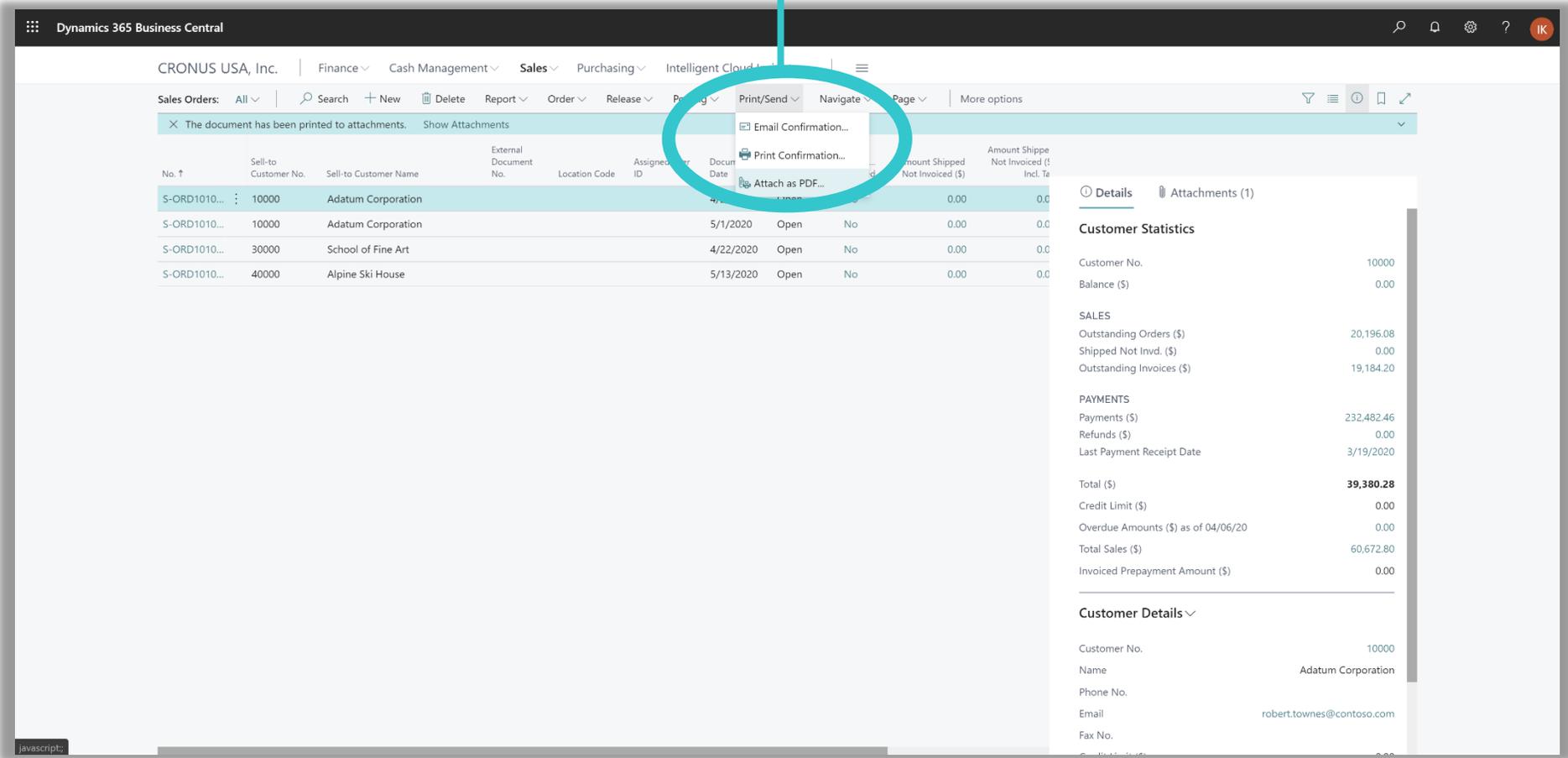
- View Direct-Debit collection information on Service Orders, Invoices and Contracts

The screenshot displays the Dynamics 365 Business Central interface for a Service Order. The header shows 'Dynamics 365 Business Central' and 'Sandbox'. The main title is 'SERVICE ORDER | WORK DATE: 4/8/2019' followed by '123 · Adatum Corporation · test'. Below this, there are navigation options: Warehouse, Print/Send, Release, Posting, Order, Navigate, and More options. The 'Invoicing' section is active, showing various fields for customer and invoice information. A table at the bottom right lists direct debit mandates, with one entry highlighted in blue and circled in red.

ID ↑	Customer Bank Account Code	Valid From	Valid To	Type of Payment
→ 1	ECA	1/1/2019	12/31/2019	Recurrent
+ New				Select from full list

Print to Attachment

- Add Document printouts to the Attachments FactBox using Attach as PDF action



Receive More Items Than Ordered

- Receive a quantity higher than the ordered quantity on purchase orders
- Over-Receipt Tolerance % create on Over-Receipt Codes page
- Approve Over-Receipt workflow response is available in workflow

The screenshot displays the Dynamics 365 Business Central interface for a purchase order (PO) 106001 from Fabrikam, Inc. The PO is dated 4/6/2020 and shows a quantity received of 11, which is greater than the quantity to be invoiced (11). A red circle highlights the 'Over-Receipt Code' field in the 'Lines' table, which contains the value 'OVERRCPT10'. A red line points from this field to a tooltip titled 'Over-Receipt Tolerance %' which states: 'Specifies tolerance percent that will be used to calculate allowed over-quantity.' The 'General' section shows vendor details for Fabrikam, Inc. (Vendor No. 10000) and order status 'Released'. The 'Buy-from Vendor History' section shows a grid of statistics for Vendor No. 10000.

Type	Unit of Measure Code	Direct Unit Cost Excl. VAT	Line Amount Excl. VAT	Qty. to Receive	Quantity Received	Qty. to Invoice	Over-Receipt Code	Planned Receipt Date
Item	PCS	10.00	110.00	11	11	11	OVERRCPT10	4/9/2020

Vendor No.	Quotes	Blanket Orders	Orders	Invoices
10000	0	0	2	1
Vendor No.	Return Orders	Credit Memos	Ptd. Return Shipments	Ptd. Receipts
10000	0	0	0	17

Resources in Purchase Documents

- Use a Resource as a line type on purchase documents.

The screenshot displays the Dynamics 365 Business Central interface for a purchase invoice. The header shows the invoice number 107212 and the vendor Nod Publishers. The 'General' section includes fields for Vendor Name, Contact, Posting Date, Due Date, and Vendor Invoice No. The 'Lines' section contains a table with columns for Type, No., Description/Comment, Location Code, Quantity, Unit of Measure Code, Direct Unit Cost Excl. Tax, Tax Area Code, Tax Group Code, Line Discount %, and Line Amount Excl. Tax. Two lines are visible: one for 'Linda Martin' (4 HOURS, 77.00) and one for 'Mark Hanson' (8 HOURS, 69.00). A dropdown menu is open for the 'Type' field of the second line, with 'Resource' selected and circled in red. The 'Invoice Details' section at the bottom includes fields for Currency Code, Department Code, Tax Area Code, Expected Receipt Date, Customer Group Code, VAT Bus. Posting Group, Payment Discount %, Payment Terms Code, and Tax Liability. The right-hand sidebar shows 'Incoming Document Files', 'Vendor Statistics' (including Vendor No. 50000, Balance \$17,273.87, and Total \$18,159.67), and 'Forecast'.

DEMO

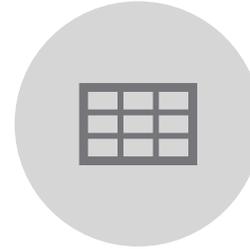


Service and Development Fundamentals

Service Fundamentals



[See Current Database Locks](#)



[See Table Sizes](#)



[View and Cancel Sessions](#)



[Monitor Web Service Request and Report Performance](#)

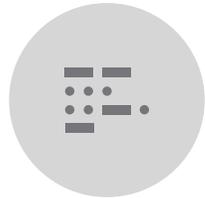


[Read-Only Scale-Out](#)

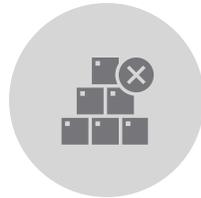


[Resource Limits for Reports and Web Service Calls](#)

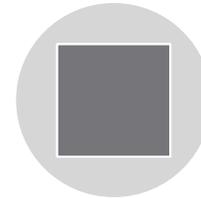
Developer Fundamentals



[AL Interfaces](#)



[Application Versioning for Aliasing Base Application](#)



[Camera Location AL API Available in the Browser](#)



[Look up Events and Insert in Code](#)



[Multiple Variable Declarations of the Same Type in the Same Line](#)



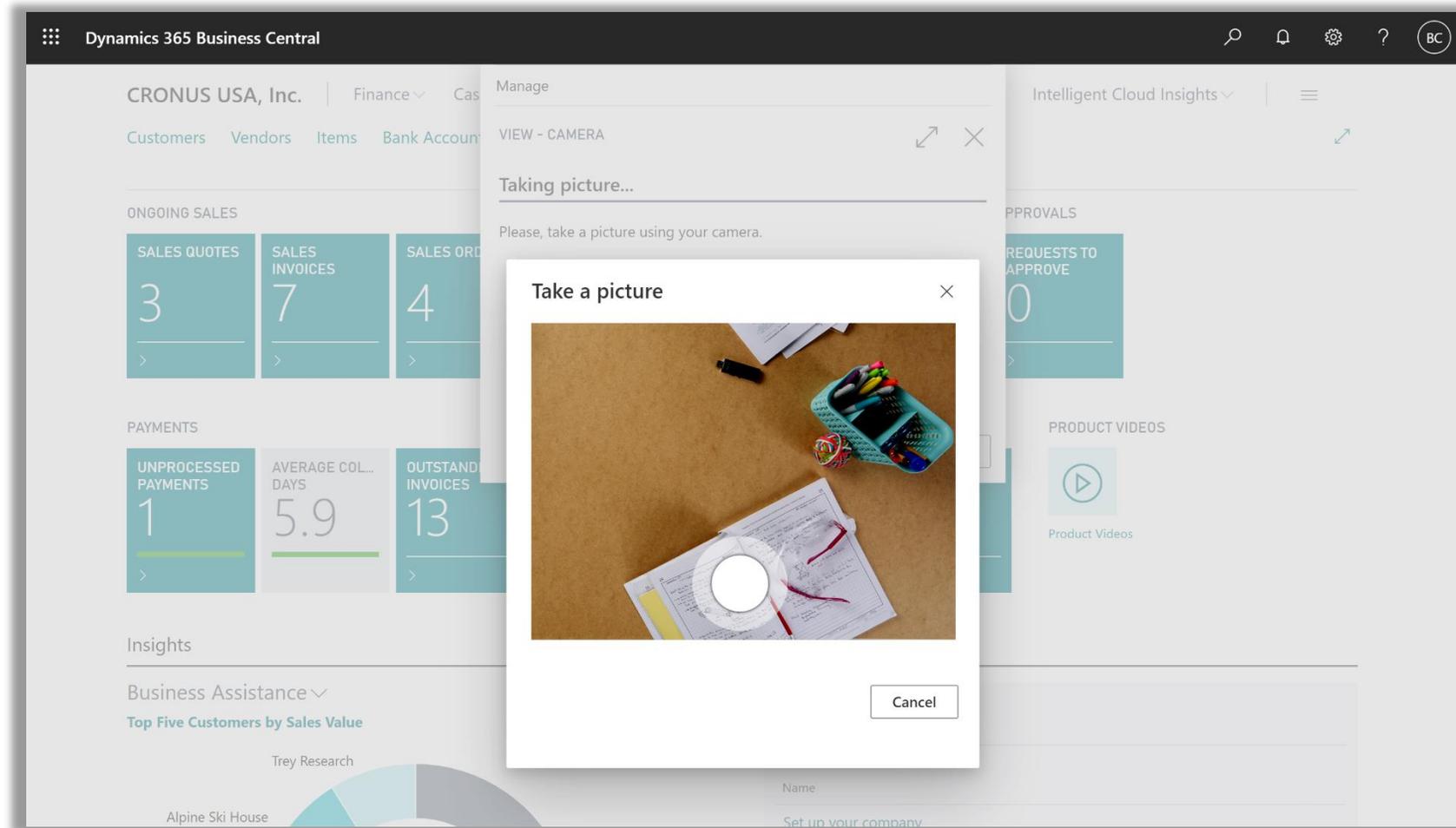
[Obsolete Tag Property](#)



[Refactor a Field from a Table to a Table Extension](#)

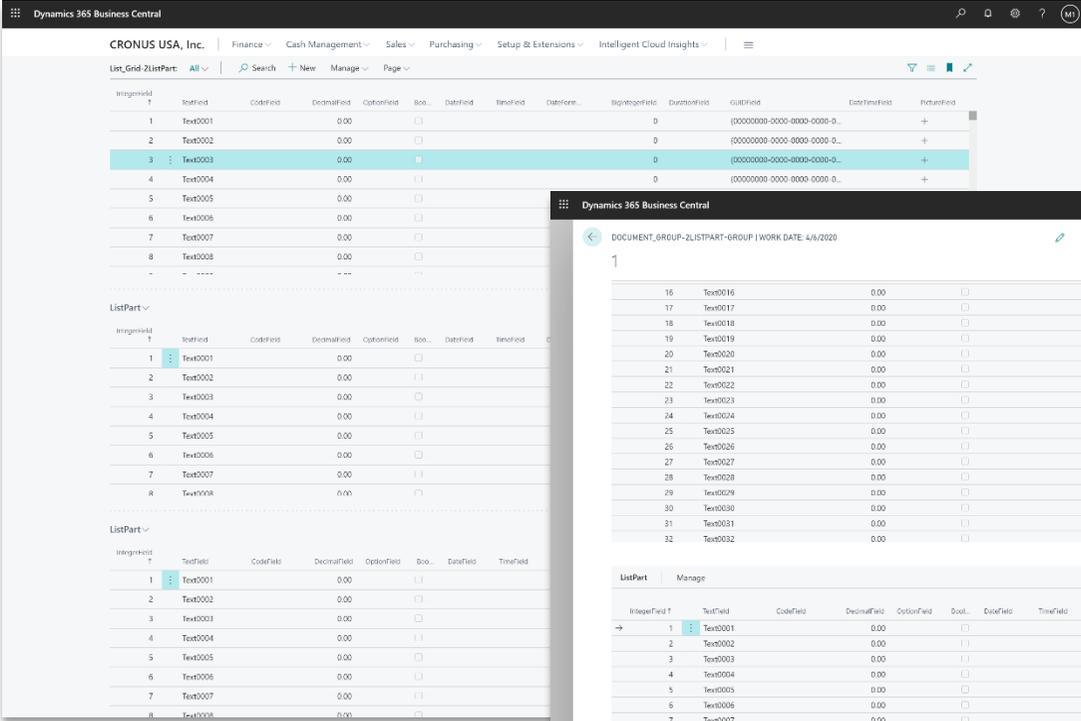
Camera/Location AL API for browsers

- `CameraProvider.IsAvailable` and `LocationProvider.IsAvailable` now return `True` if the browser and device support it.
- Users are still in control: just-in-time prompts to grant access
- Camera offers viewport & Use/Retake buttons.
- Location captured as Longitude/Latitude coordinates.

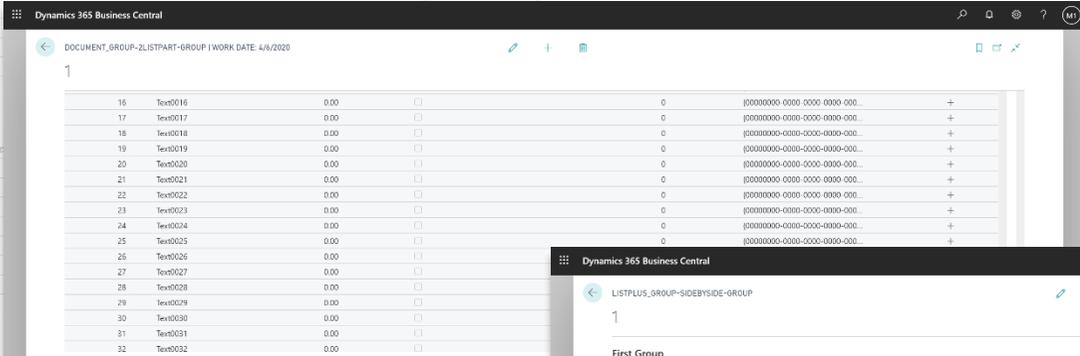


Pages optimized for multiple parts

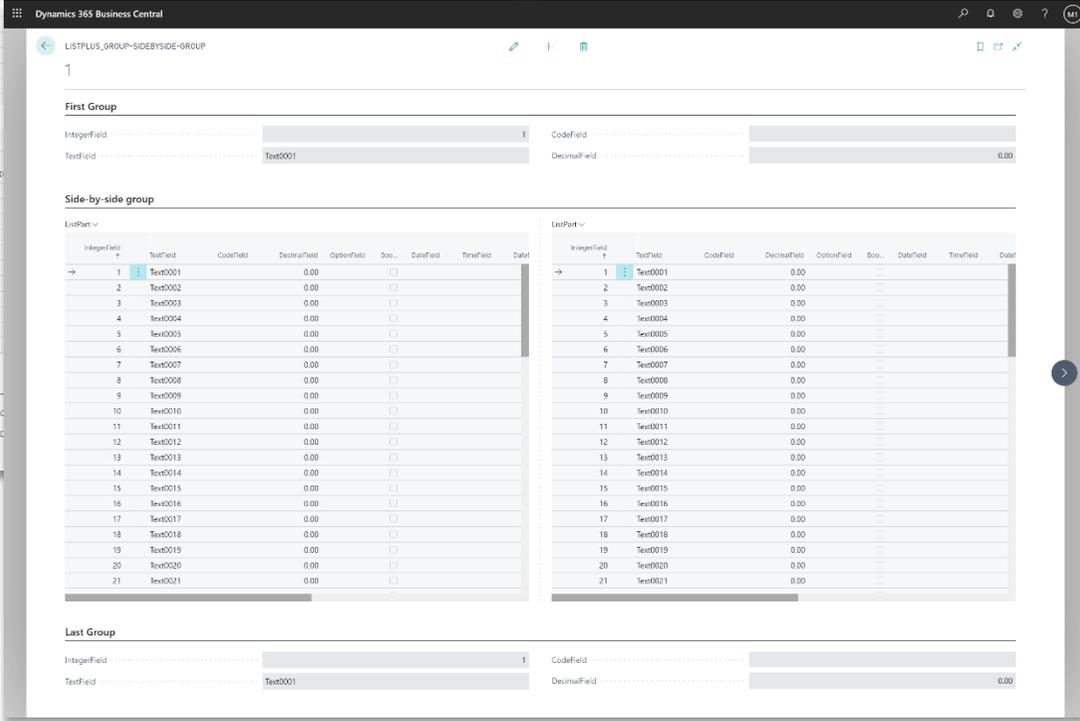
Example: List with 2 additional ListParts



Example: Document page with 2 ListParts



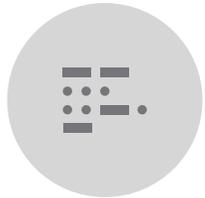
Example: ListPlus record with side-by-side ListParts



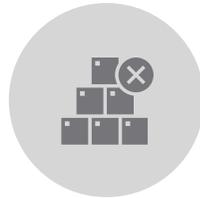
For developers

- 2 AL design patterns for Page Parts
- Sequence parts above each other
- Group parts for a side-by-side experience
- Documented, predictable outcomes
- Over 40 combinations now optimized!
- Your pages using these patterns immediately look & work better
- Coming soon: similar optimizations for Worksheets & CardParts

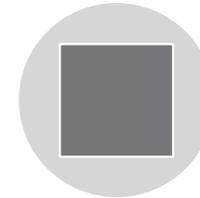
Common Data Service integration



[Assisted Setup](#)



[Ownership models.
Person and Team](#)



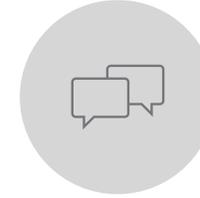
[Synchronize data](#)



[Creating customizations
to Common Data
Service Integration](#)



[AL Table Proxy
Generator](#)



[Handling missing
Option values](#)



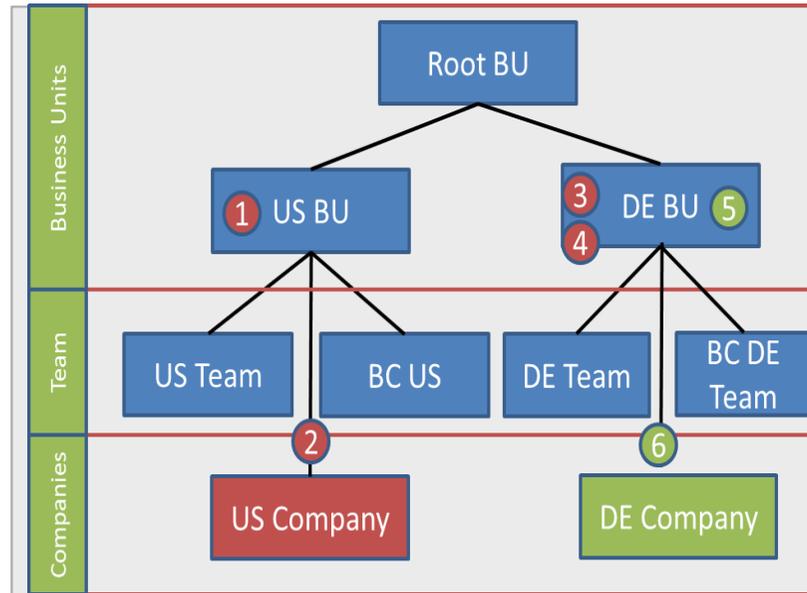
[Scheduling
Synchronization](#)

Common Data Service Integration highlights

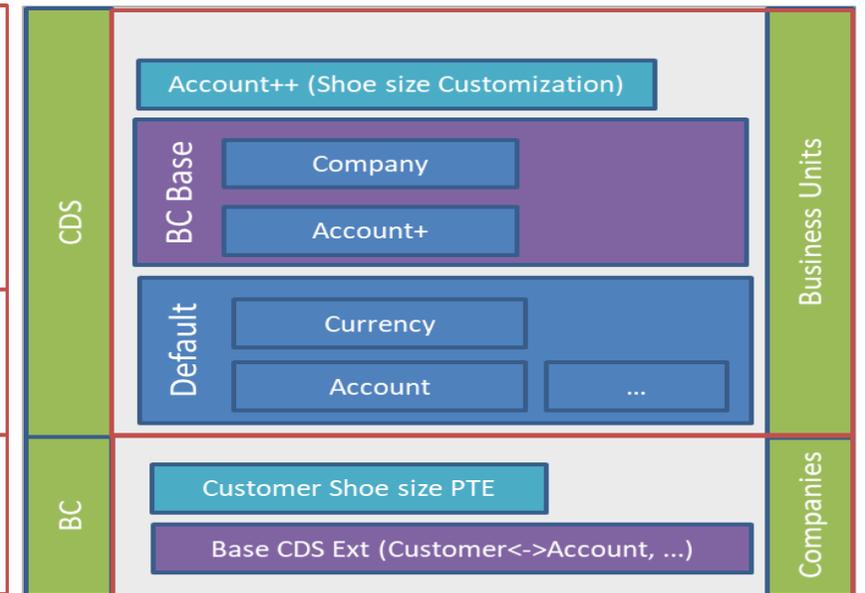
Setup

- New Assisted Connection Setup
- Auto Discoverability of CDS environments
- New Data ownership model, enabling Business Unit mapping
- Recommendations on initial sync
- D365 for Sales, installs on top of BC Base CDS integration

Business Unit Mapping



Extensibility



DEMO



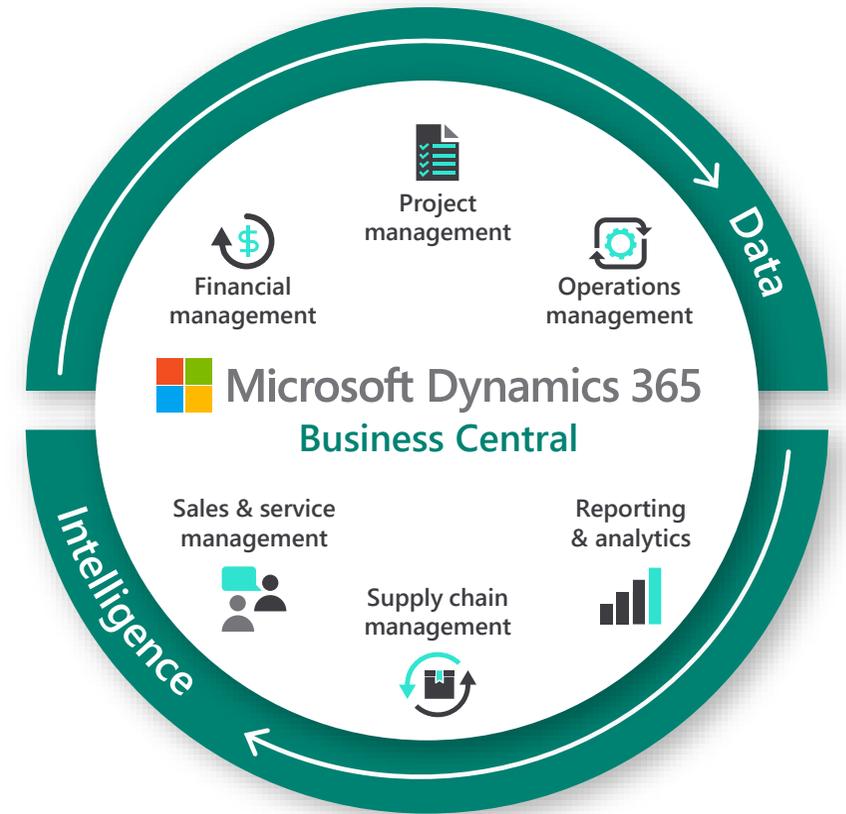
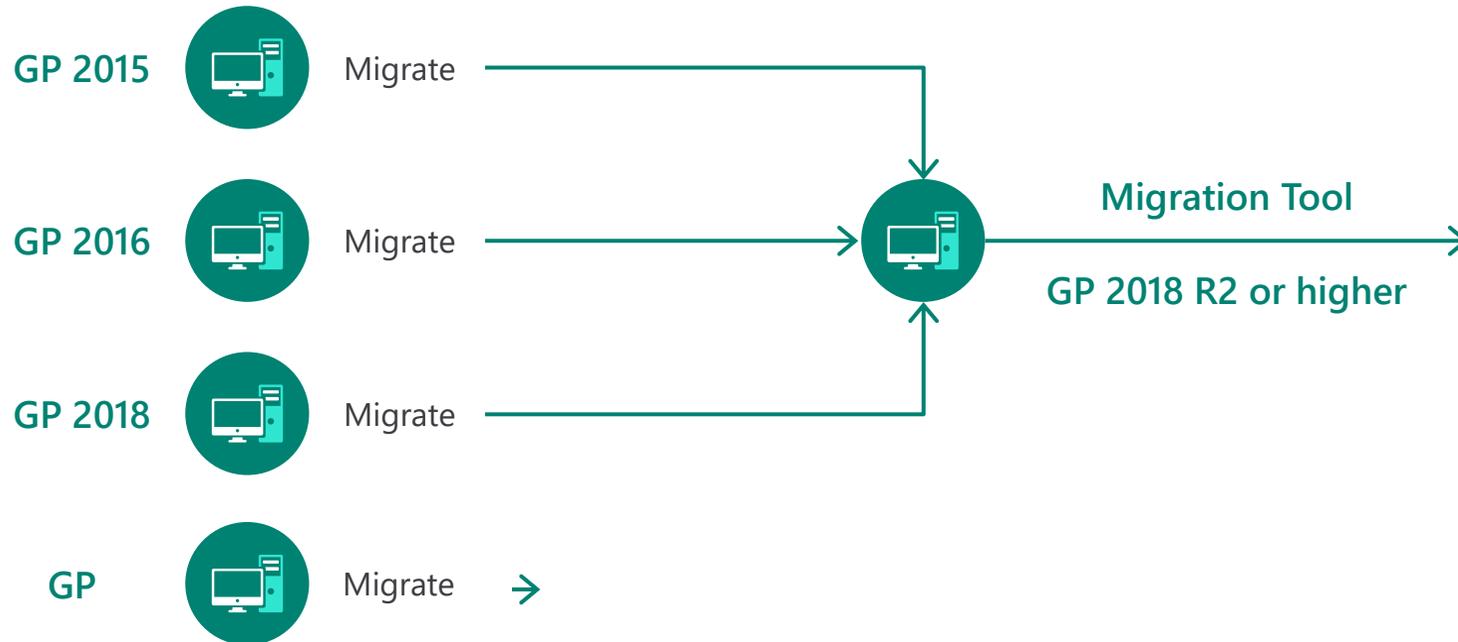
Data Migrations to Business Central Online

GP: Transition to Business Central online

On-premises

Cloud

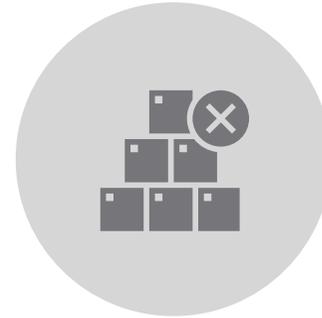
February 2020



Migration Tools



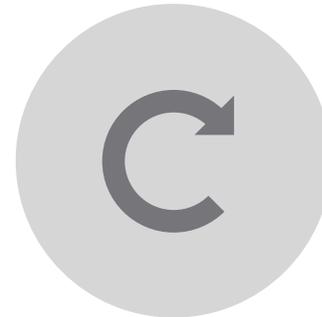
[GP: Enhanced COA Migration](#)



[GP: Migrate All or only Active Customer/Vendor Master Records](#)



[GP: Enhanced Inventory Data Migration](#)



[BC on premises to BC Cloud Migration](#)

SMB Data Migration Roadmap

KEY

■ Current release wave

■ Future release wave

April 2020

October 2020

2021

GP to BC Migration

- Chart of Accounts: Segments to Dimensions
- More GP Versions
- Item Enhancements
- ISV Migrations

BC SmartList Designer

- SmartList Designer (Preview in June)

NAV/BC to BC Migration

- BC 16x On-Premise to BC SaaS
- BC 14x/15x to 16x Post-April release

SL to BC Migration

- TBD

GP to BC Migration

- Bank Rec (Checkbooks, Outstanding Transactions)
- Open Purchase Orders
- Fixed Assets

GP to Azure Data Lake

- Write GP historical data to Azure Data Lake

SL to Azure Data Lake

- Write SL historical data to Azure Data Lake

BC SmartList Designer

- BC SmartList Designer utilizes Azure Data Lake for additional historical data queries
- List Pages include Queries (SmartList Pages)

GP to BC Migration

- Item Pricing / Extended Pricing
- Address Feedback

NAV/BC to BC Migration

- Address feedback

SL to BC Migration

- Address feedback

BC SmartList Designer

- SL Designer 2.0

NOTE: Roadmap is subject to change during the course of development cycles.

Call To Action

- Read about [Wave 1](#) release features
- Try out new features in product
- Watch for more learning opportunities
- Tell us what you think
- Vote for your favorite suggestions

<https://aka.ms/bcideas>