

Explore Intelligent Cloud's features in Microsoft Dynamics GP

September 25, 2019



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Speakers



John Kirsch



Mark Christie



What is the Intelligent Cloud?



Terminology, Names and Early References

Intelligent Edge: Ability to connect your on-premises Dynamics SMB solution to the intelligent cloud through Dynamics 365 Business Central, and get access to Power BI, Microsoft Flow, PowerApps, machine learning, and others.

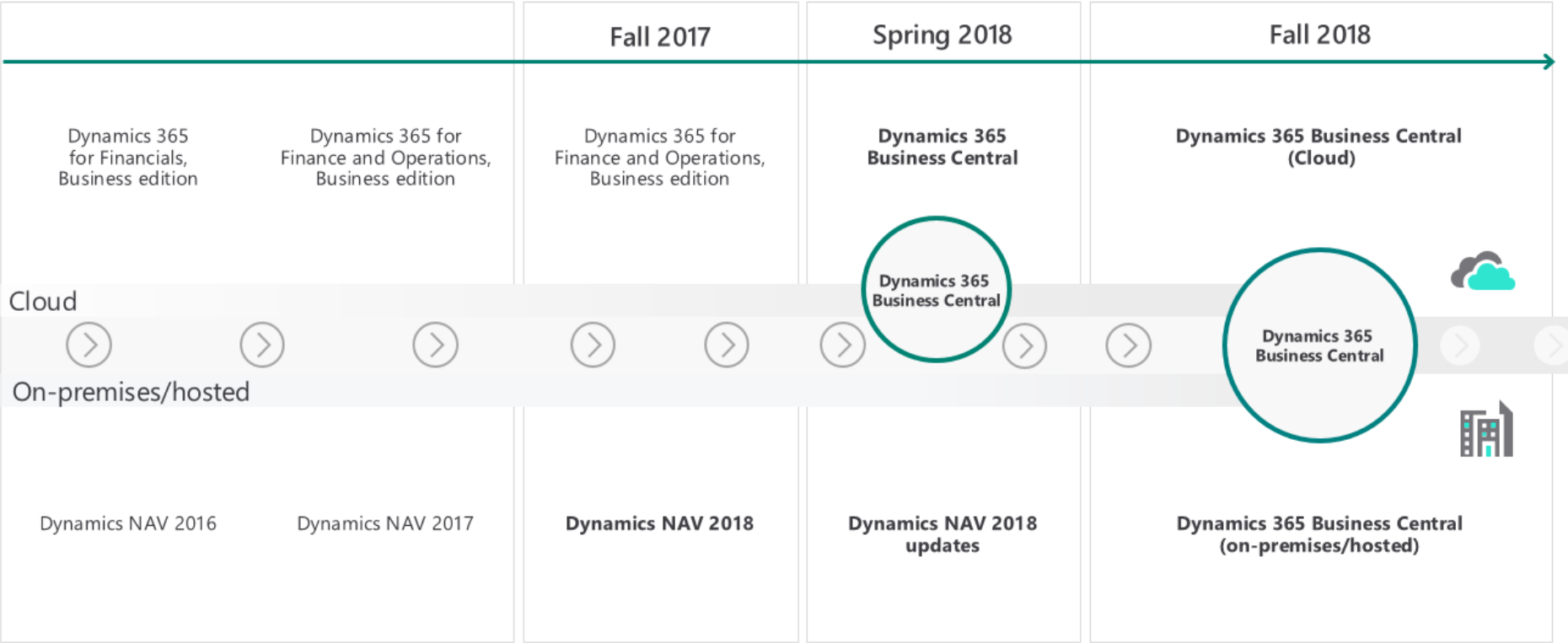
Common Data Model: The Common Data Model simplifies data management and app development by unifying data into a known form and applying structural and semantic consistency across multiple apps and deployments.

Internet of Things: Networked “things” that can produce data.



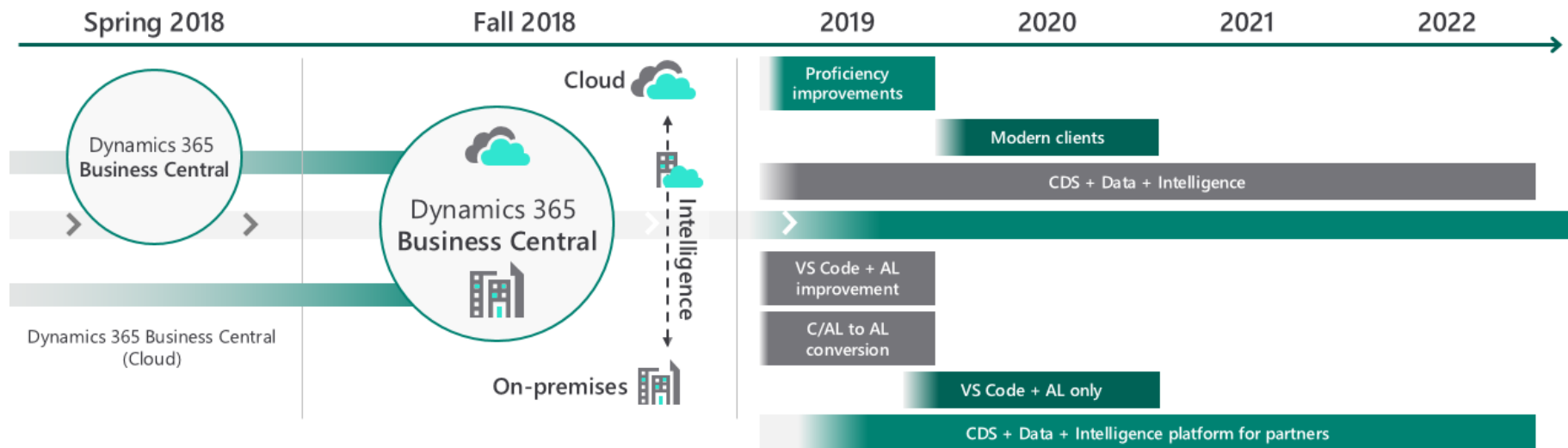
Business Central

Standalone ERP
Built on NAV's codebase



Dynamics 365 Business Central Roadmap

Home of Intelligent Cloud Power Platform Integrated



Our investment areas:

Connect your business

Bring people, processes, and data together to manage your business end to end

Make smarter decisions

Easy-to-create dashboards and built-in analytics give you a 360° view of your business so you can proactively inform and guide employees

Start and grow easily

Quickly get up and running, then meet your unique business needs by easily integrating add-on applications and industry-specific solutions

Always be ahead

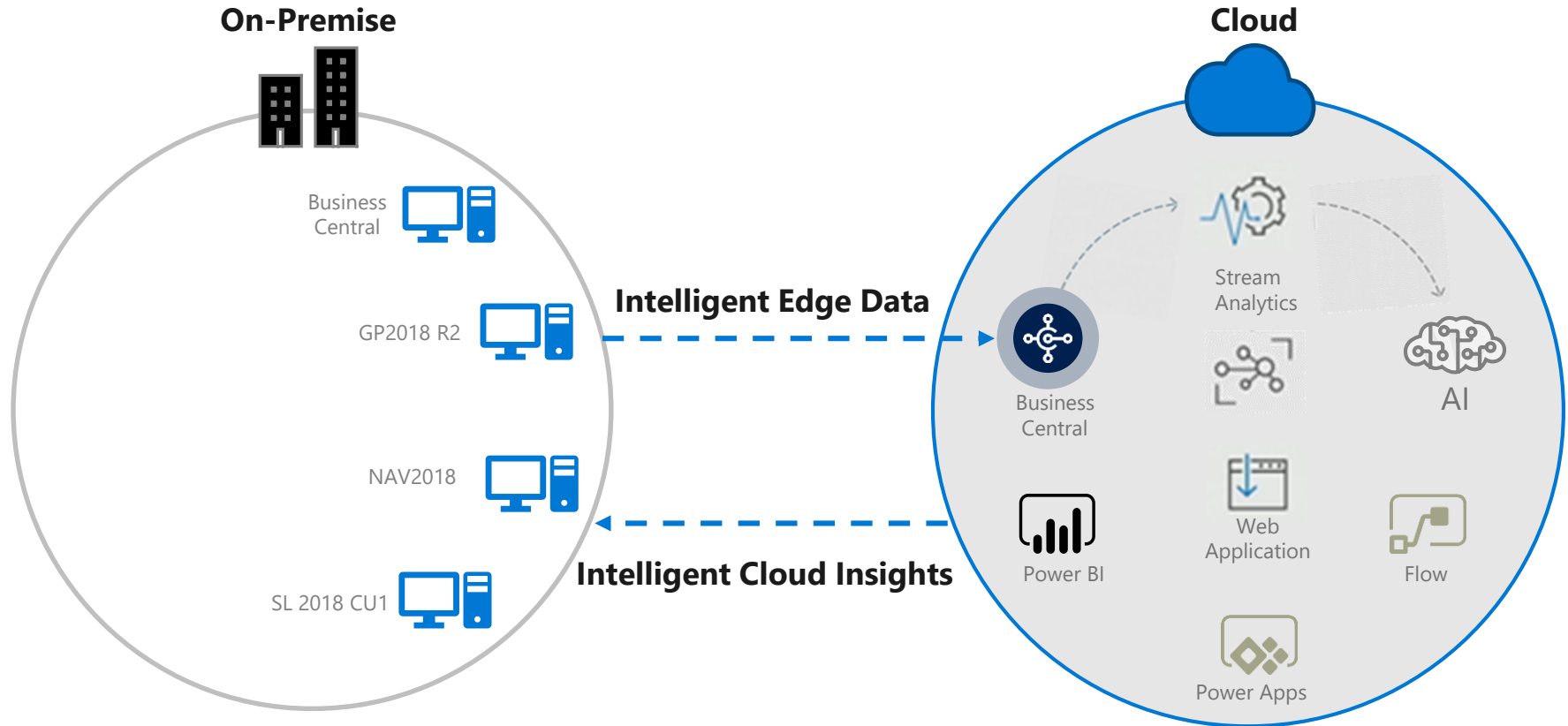
Modern business management, powered by the Microsoft technology stack, deeply integrates with Office 365 and Power BI

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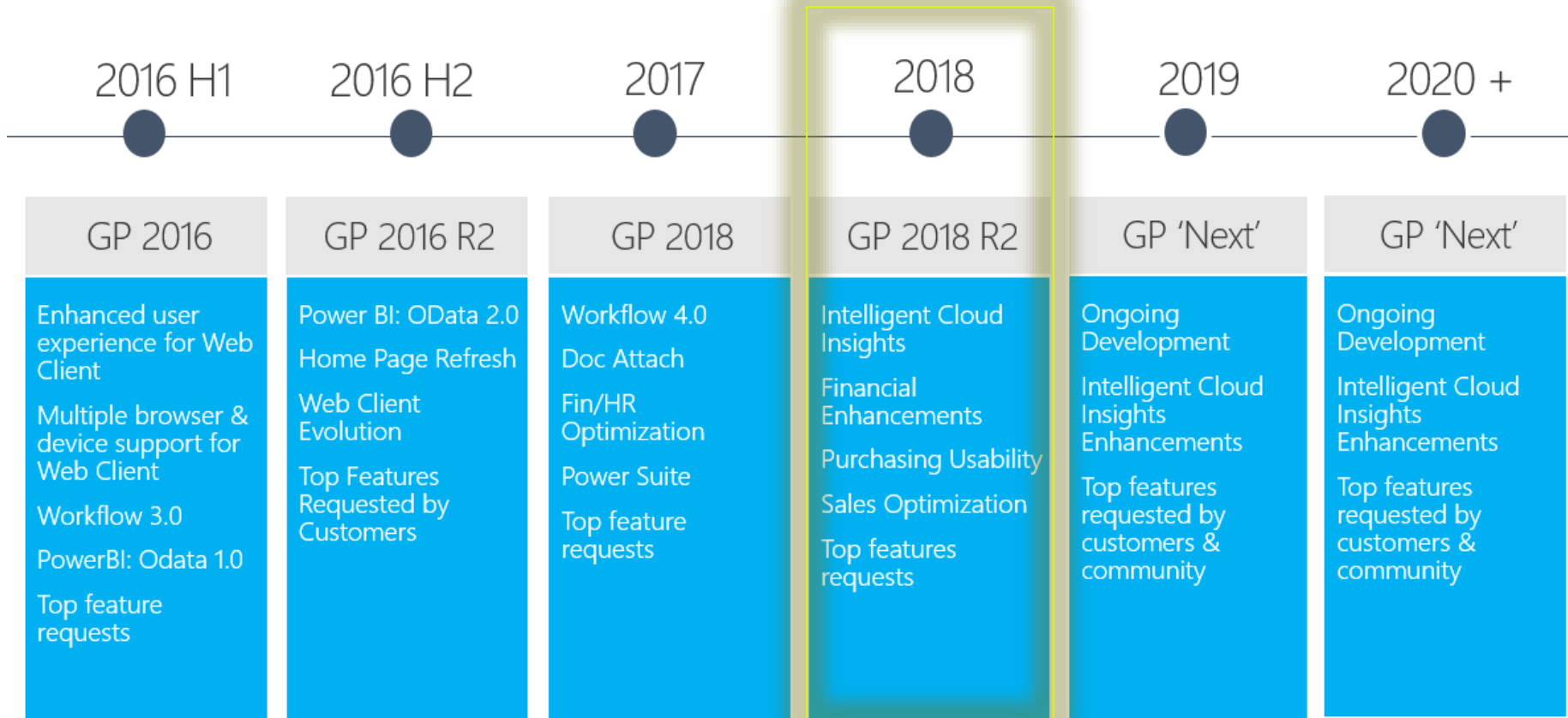


Business Central – Intelligent Cloud Insights



System Requirements

Microsoft Dynamics GP Roadmap



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Dynamics GP Version Support Status

Version	Release	Mainstream End	Extended End
Dynamics GP 2010	6/15/2010	10/13/2015	10/13/2020
Dynamics GP 2013	3/12/2013	4/10/2018	4/11/2023
Dynamics GP 2015	2/18/2015	4/14/2020	4/8/2025
Dynamics GP 2016	5/1/2016	7/13/2021	7/14/2026
Dynamics GP 2018	12/1/2017	1/10/2023	1/11/2028



Intelligent Cloud Features

Intelligent Cloud

Synchronize GP data to Business Central

- Master records
- Open Transaction Data
- Historical Transaction Data (Sales, Purchasing, Inventory)

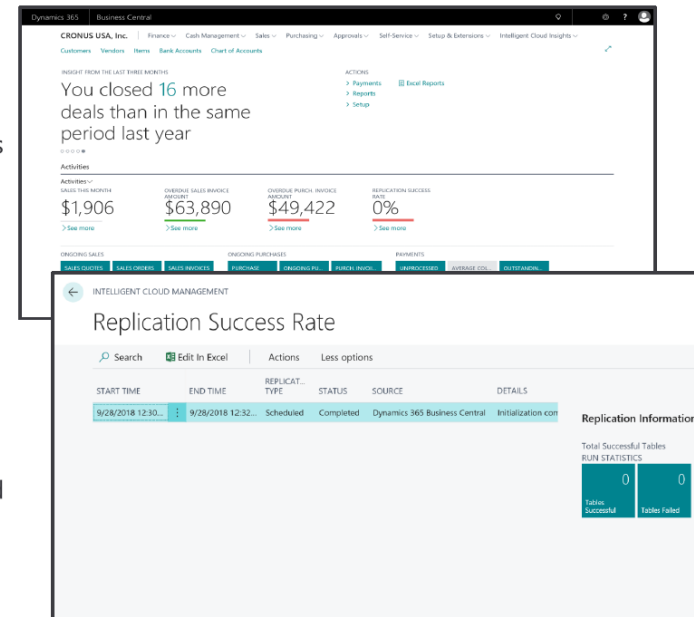
Data replication

Azure Data Factory (ADF) is used to securely migrate data from your on-premises solution SQL Database to Business Central (SaaS) tenant

Data replication can be scheduled or manually triggered

Data from customized table, users, user permissions, and most system tables will not be replicated

The tables that are replicated are determined by the cloud tenant



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Intelligent Cloud – Watch Outs

Synchronize GP data to Business Central

- Master records
 - Accounts: Main segment only
- Open Transaction Data
 - GL Transactions: Main segment only
 - Open AR and AP: Open amounts only visible – not total document amount
- Historical Transaction Data (Sales, Purchasing, Inventory)

Daily Replication



Intelligent Cloud

Synchronize GP data to Business Central

- Master records
- Open Transaction Data
- Historical Transaction Data (Sales, Purchasing, Inventory)

Daily Replication

Read only

Hands on experience with Business Central for testing

Utilize additional reports and Power Platform

Continue to use GP functionality

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Dynamics 365 Platform with Intelligent Cloud



My Business View

- KPIs
 - Cash Available
 - Sales Profitability
 - Net Income
 - Inventory Value



Artificial Intelligence

- Machine Learning
 - Cash Flow Forecast
 - Inventory Forecast
 - Late Payment predictor (planned)



Insights to Actions

- Overdue Invoices
- Invoices Due
- Vendor Payments Due or Past Due
- Customer Balance
- Flow Actions
- List Views (Smart Lists)

Office and Mobility

- BC app for phone/tablet (query)
- View Data in Outlook
- View in Excel
- Invite Outside Accountant



Power Platform

- Power BI
 - Mini Trial Balance
 - Cash Cycle
 - General Ledger Entries List
 - Customers List
 - Vendors List
- Flow
- PowerApps
 - Create any mobile or browser app to read BC or GP Extension tables



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Power Platform

Extend your Dynamics 365 capabilities with Power Platform to help you further engage customers, empower employees, optimize operations, and transform products.

Microsoft Flow



Overview

- An online workflow service that automates actions across the most common apps and services

PowerApps



- Suite of apps, services, connectors and data platform that provides a rapid application development environment to build custom apps for your business needs

Power BI



- A collection of software services, apps, and connectors that work together to turn your unrelated sources of data into coherent, visually immersive, and interactive insights

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Setup Intelligent Cloud

Setup Intelligent Cloud

Upgrade to Dynamics GP 2018 R2 or later

Create Business Central Tenant instance

Assisted Setup Wizard

- Installs Microsoft Integration Runtime Configuration Manager

- Connects SQL to BC tenant for data sync

- Select companies to sync

- Schedule data replication

Run initial data sync

Verify replication success

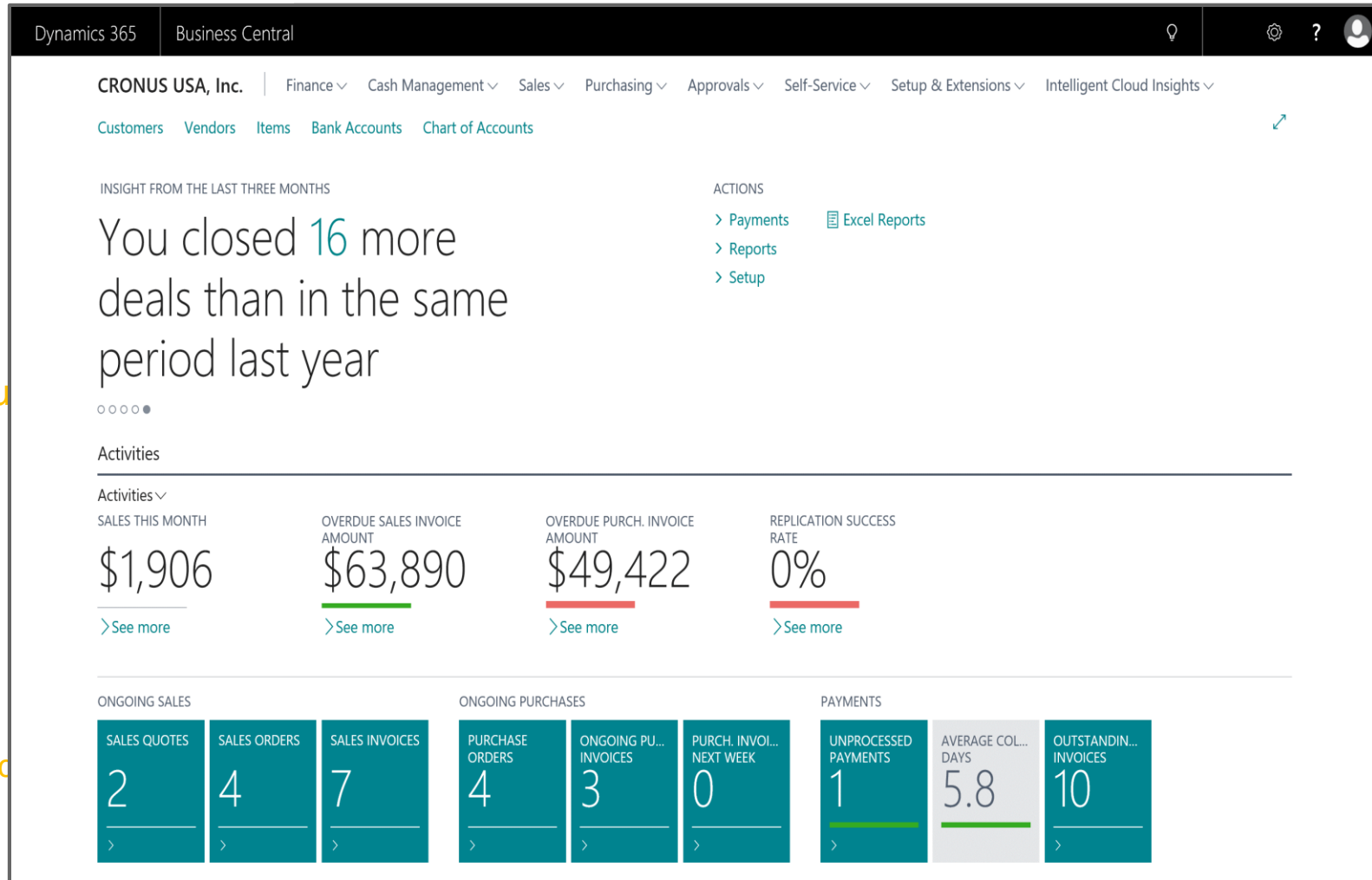


Intelligent Cloud Views

Home Screen

Replication Su

Replication Succ



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Customers: All | Search | + New

NO.	NAME
AARONFIT00...	Aaron Fitz Electrical
ADAMPARK...	Adam Park Resort
ADVANCED...	Advanced Paper Co.
ADVANCED...	Advanced Tech Satellite System
ALTONMA...	Alton Manufacturing
AMERICAN...	American Science Museum
AMERICAN...	American Electrical Contractor
ASSOCIAT0...	Associated Insurance Company
ASTORSUI0...	Astor Suites
ATMORERE...	Atmore Retirement Center
BAKERSEM...	Baker's Emporium Inc.
BERRYMED...	Berry Medical Center
BLUEYOND...	Blue Yonder Airlines
BOYLESKO...	Boyle's Country Inn's
BREAKTHR...	Breakthrough Telemarketing
CASTLEIN0...	Castle Inn Resort
CELLULAR0...	Cellular Express
CENTERSU...	Center Suite Hotel
CENTRALC...	Central Communications LTD
CENTRALD...	Central Distributing
CENTRALIO...	Central Illinois Hospital

DYNAMICS GP HISTORICAL RECEIVABLES TRANSACTIONS

Open in Excel

CUSTOMER NUMBER	DOCUMENT NUMBER	DOCUMENT TYPE	DOCUMENT DATE	SALES AMOUNT	CUSTOMER NAME
AARONFIT00...	CM1000.1	Credit Memos	6/14/2023 7:00 PM	98.31	Aaron Fitz Electrical
AARONFIT00...	INV1024	Sales/Invoices	2/9/2024 6:00 PM	119.95	Aaron Fitz Electrical
AARONFIT00...	INV1025	Sales/Invoices	2/14/2024 6:00 PM	109.95	Aaron Fitz Electrical
AARONFIT00...	PMT1000.2	Payments	9/7/2023 7:00 PM	0.00	Aaron Fitz Electrical
AARONFIT00...	PMT11001	Payments	1/15/2024 6:00 PM	0.00	Aaron Fitz Electrical
AARONFIT00...	PMT11007	Payments	1/11/2024 6:00 PM	0.00	Aaron Fitz Electrical
AARONFIT00...	PYMNT00000...	Payments	2/9/2024 6:00 PM	0.00	Aaron Fitz Electrical
AARONFIT00...	PYMNT00000...	Payments	2/14/2024 6:00 PM	0.00	Aaron Fitz Electrical
AARONFIT00...	PYMNT00000...	Payments	2/1/2026 6:00 PM	0.00	Aaron Fitz Electrical
AARONFIT00...	PYMNT00000...	Payments	2/3/2026 6:00 PM	0.00	Aaron Fitz Electrical
AARONFIT00...	PYMNT00000...	Payments	2/3/2026 6:00 PM	0.00	Aaron Fitz Electrical
AARONFIT00...	PYMNT00000...	Payments	2/5/2026 6:00 PM	0.00	Aaron Fitz Electrical
AARONFIT00...	PYMNT00000...	Payments	2/5/2026 6:00 PM	0.00	Aaron Fitz Electrical
AARONFIT00...	PYMNT00000...	Payments	2/4/2026 6:00 PM	0.00	Aaron Fitz Electrical
AARONFIT00...	PYMNT00000...	Payments	2/20/2026 6:00 PM	0.00	Aaron Fitz Electrical
AARONFIT00...	PYMNT00000...	Payments	2/19/2026 6:00 PM	0.00	Aaron Fitz Electrical
AARONFIT00...	PYMNT00000...	Payments	2/23/2026 6:00 PM	0.00	Aaron Fitz Electrical
AARONFIT00...	PYMNT00000...	Payments	2/24/2026 6:00 PM	0.00	Aaron Fitz Electrical
AARONFIT00...	SLS1002	Sales/Invoices	12/3/2023 6:00 PM	8,121.58	Aaron Fitz Electrical
AARONFIT00...	SLS11014	Sales/Invoices	1/26/2024 6:00 PM	3,300.70	Aaron Fitz Electrical

Close

Report | Filter | Columns | Refresh | Export

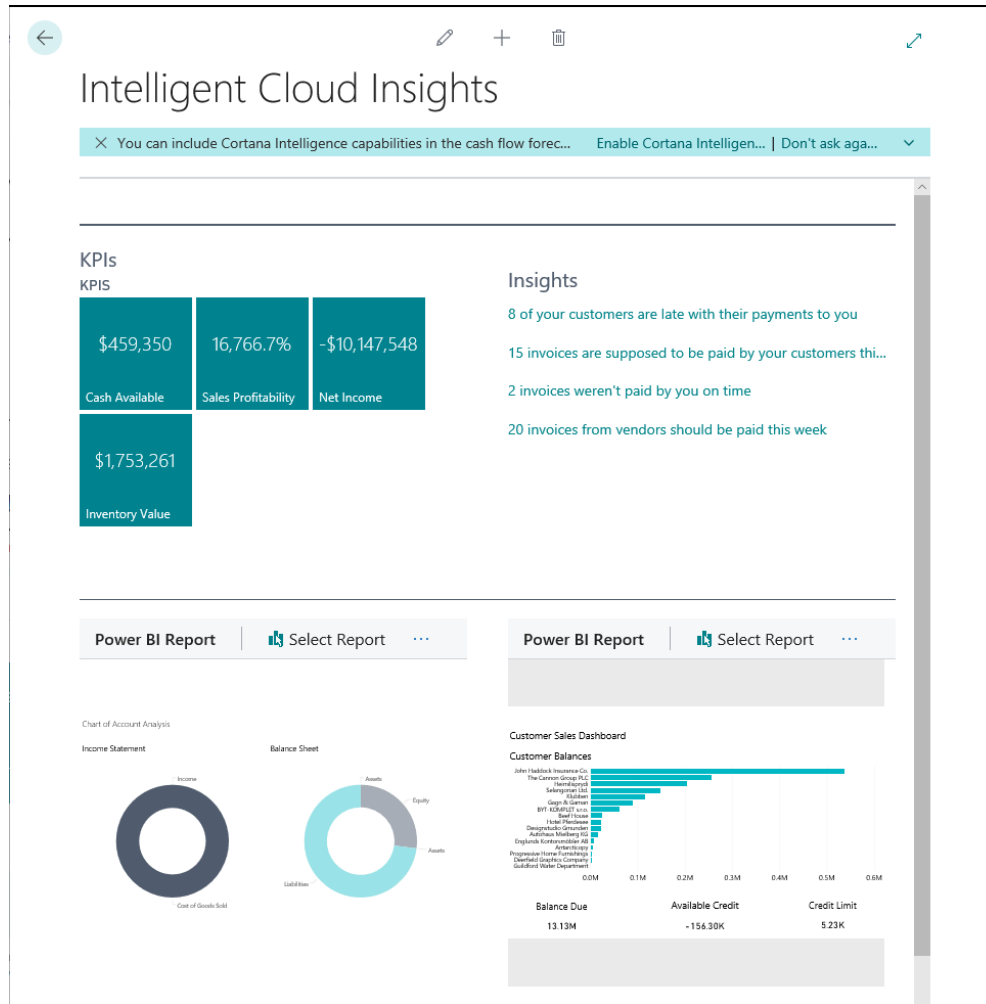
0	0	0
Ongoing Sales	Ongoing Sales	Ongoing Sales
Return Orders	Return Orders	Credit Memos
0	0	0
Posted Sales	Posted Sales	Posted Sales
Invoices	Invoices	Return Receipts
0		
Posted Sales		
Credit Memos		

Customer Statistics

Balance (\$)	24,272.06
Outstanding Orders (\$)	0.00
Unrecorded Not Invd. (\$)	0.00
Outstanding Invoices (\$)	0.00
Payments (\$)	0.00
Payment Receipt Date	-
Total (\$)	24,272.06
Limit (\$)	35,000.00
Unrecorded Sales (\$)	0.00
Unrecorded Prepayment Amount	0.00



Intelligent Cloud Insights – GP Home Page



Business Central

Migration tool?

Data cleanup or changes

Accounts: Main Segment only

Transactions stored in extension tables

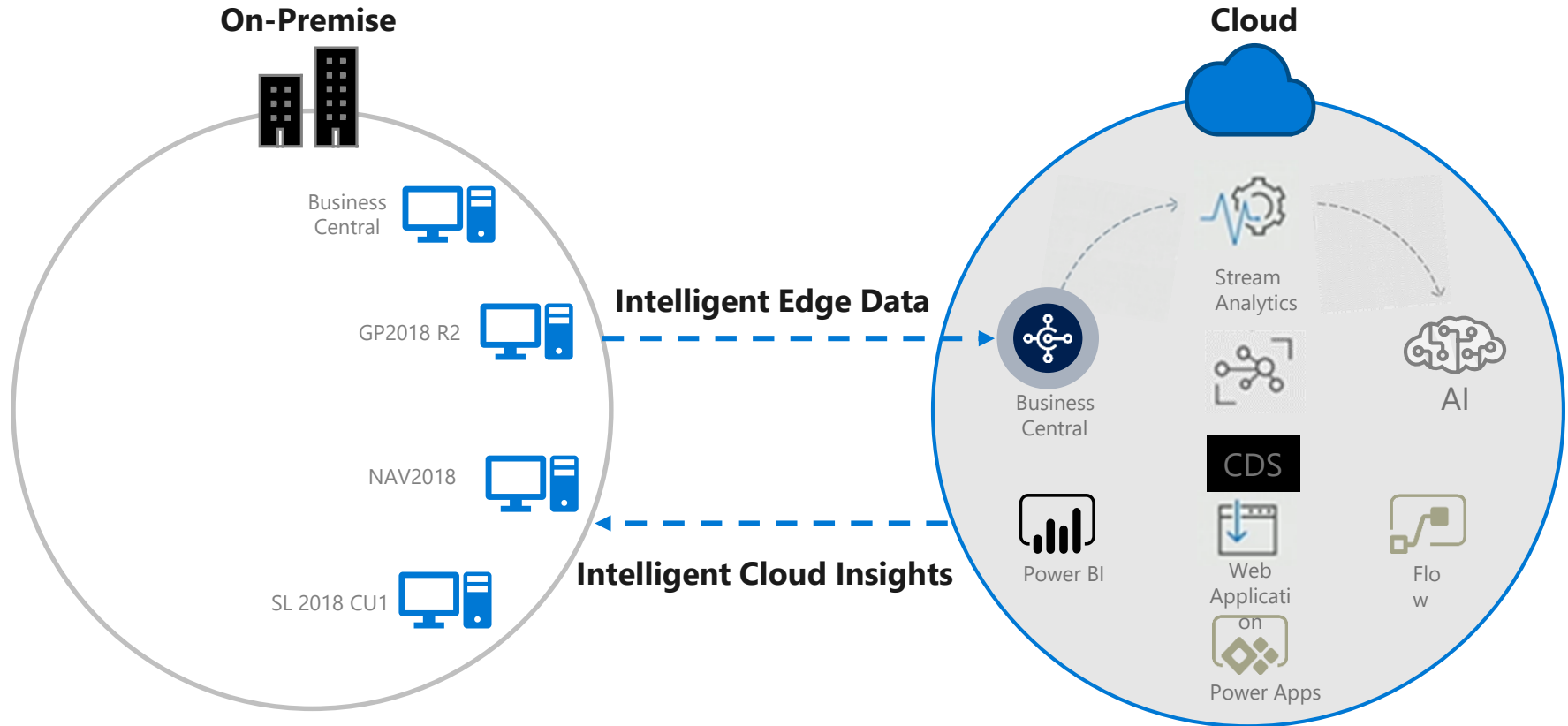
Not all modules covered

Separate company for past data retention

Not ready yet



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Thank you for joining us today!



Presenter Contact information

John Kirsch

469 Security Blvd

Green Bay, WI 54313

Direct: 920.662.2904

jkirsch@wipfli.com

Mark Christie

2 Copeland Ave.

La Crosse, WI 54603

Direct: 608.785.4167

mchristie@wipfli.com



WIPFLIⁱ LLP

CPAs and Consultants

www.wipfli.com

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