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Business Central with Power Platform – more than ERP solution

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When you are passionate about
Microsoft Dynamics NAV/365 Business Central

Speakers



- **Aleksandar Totović, Microsoft**
 - Partner Technology Strategist - BizApps
 - Husband, father...
 - Mentor
 - Evangelist
 - ex MVP
 - Dynamics 15+ years



- **Renato Fajdiga, Adacta**
 - Application Consultant > 5 years
 - Trainer
 - MVP, MCT

Idea & Goal

- Everything what is not ERP move outside of ERP
- Moving customizations outside of Business Central
- Integrate Business Central with other solutions
- Create new experience for users

Agenda

Integrated
Business
Central

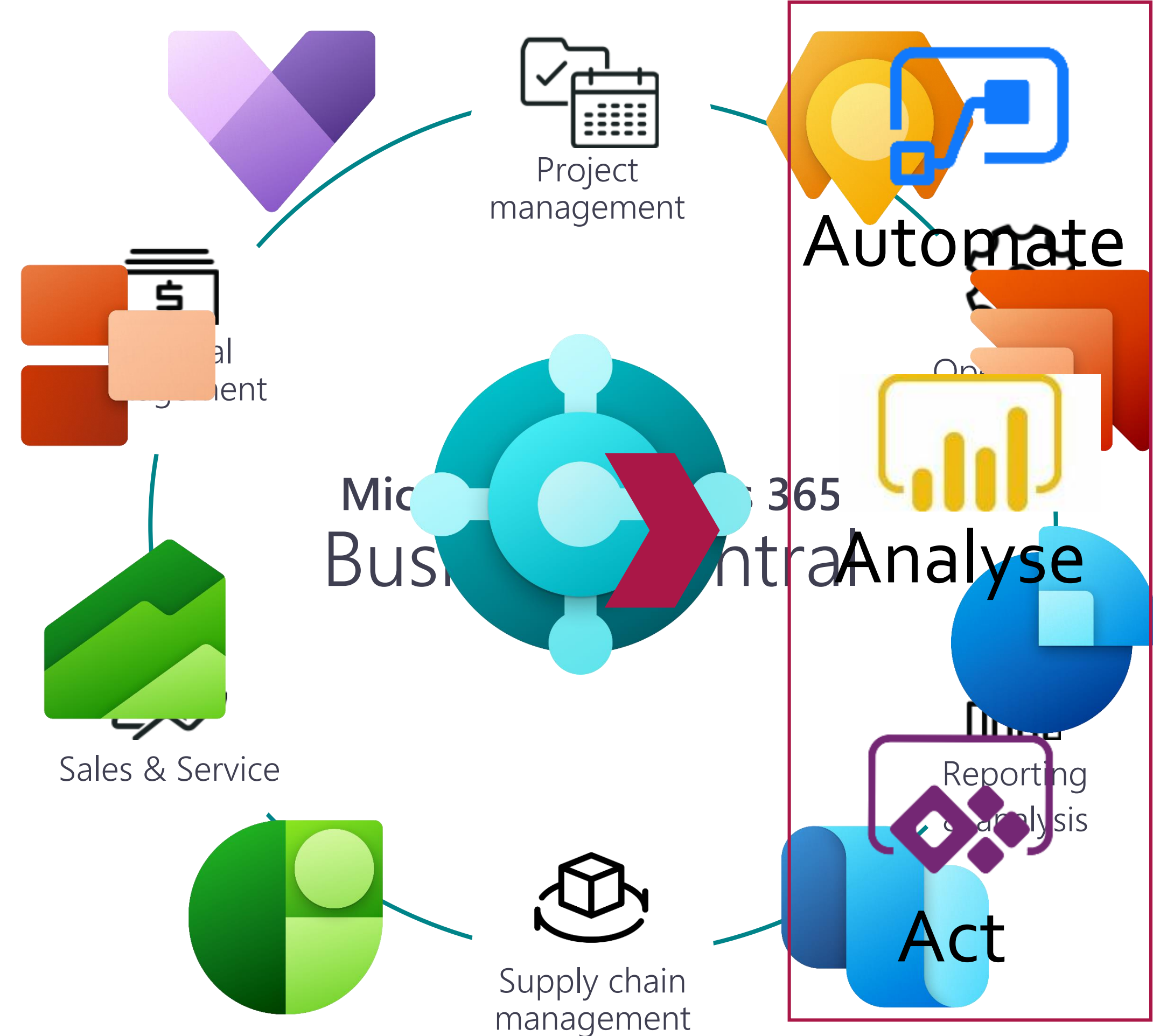
Possibilities
of Power
Platform

Business
Central as a
data source

Business
Central &
Power
Platform

BC as part of
another
Dynamics
365 products

Integrated Business Central



Possibilities of Power Platform

Microsoft Power Automate (Flow)

- Automate processes across multiple applications
- Over 200 standard connectors or Custom Connector
- Embedded experience

Power BI

- Create, share and consume business insights
- Connect using Standard Connectors
- Embedded experience

Power Apps

- Create powerful apps
- Low code / no code
- Canvas, model-driven, portals

Common Data Service

- Single source for all apps
- Data service and app platform
- Unify data across all business processes

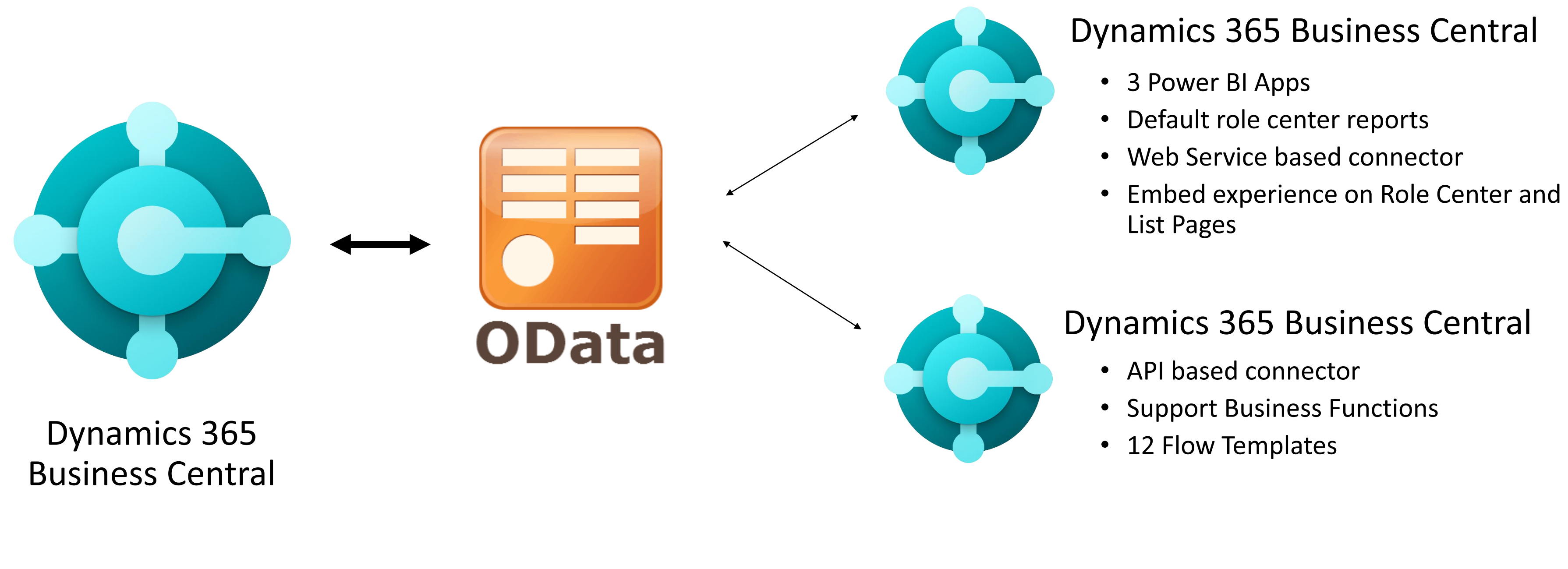
Business Central as a data source

- Create custom extensions in VS code
- OData and API for various scenarios
- Integrate with Dynamics 365 and Power Platform products
- Create new experience for users

companies	taxGroups	cashFlowStatement	agedAccountsPayable
subscriptions	journals	countriesRegions	balanceSheet
items	journalLines	salesOrders	purchaseInvoices
picture	attachments	salesOrderLines	purchaseInvoiceLines
defaultDimensions	employees	retainedEarningsStatement	projects
customers	timeRegistrationEntries	trialBalance	bankAccounts
customerFinancialDetails	generalLedgerEntries	incomeStatement	customerSales
vendors	currencies	taxAreas	vendorPurchases
companyInformation	paymentMethods	salesQuotes	
salesInvoices	dimensions	salesQuoteLines	
salesInvoiceLines	dimensionValues	salesCreditMemos	
pdfDocument	dimensionLines	salesCreditMemoLines	
		generalLedgerEntryAttachments	
customerPaymentJournals	paymentTerms		
customerPayments	shipmentMethods	unitsOfMeasure	
accounts	itemCategories	agedAccountsReceivable	



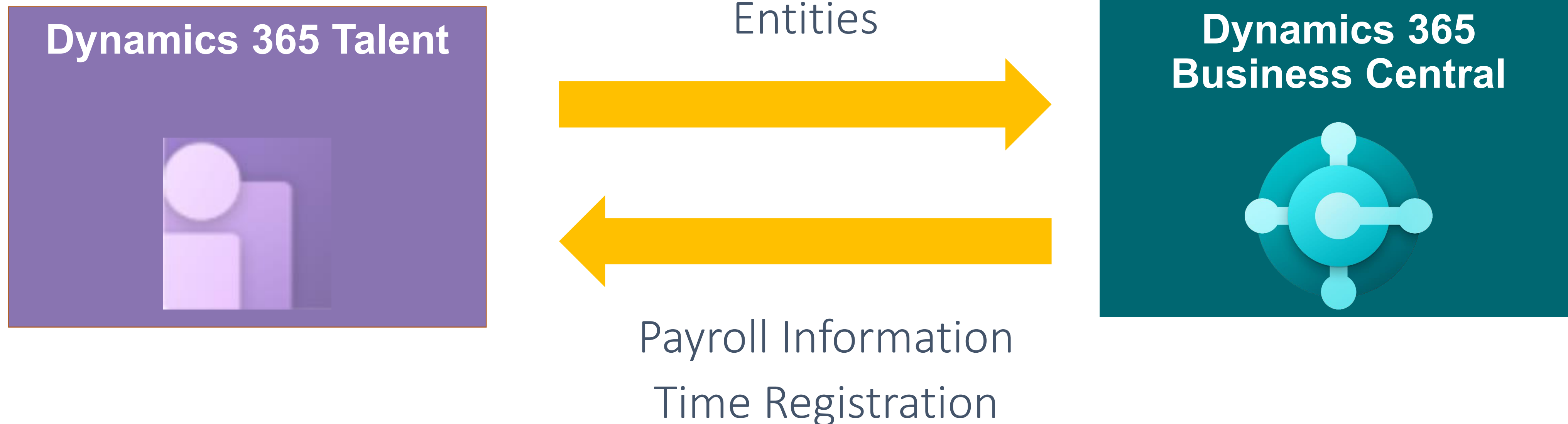
Business Central & Power Platform





Integrate BC with other Apps

- Integration with Dynamics 365 Talent
- Technology: LogicApps, CDS (Talent), API's (BC)



And now, how to make it...



LogicApps – What it is and why not Flow?

- Azure Logic Apps is a cloud service that helps you automate and orchestrate tasks, business processes, and workflows
- It integrates apps, data, systems, and services across enterprises or organizations
- Azure Logic Apps can be created through:
 - Azure Portal
 - Visual Studio
 - Visual Studio Code

LogicApps – What it is and why not Flow?

	Power Automation (Flow)	Azure Logic Apps
Users	Office workers, business users, SharePoint administrators	Pro integrators and developers, IT pros
Scenarios	Self-service	Advance integrations
Design Tool	In-browser and mobile app, UI only	In-browser, VS and VSC; Code view available
Application Lifecycle Mgmt. (ALM)	Design and test in non-production environments, promote to production when ready	Azure DevOps: source control, testing, support, automation, and manageability in Azure Resource Manager
Admin Experience	Manage Power Automation environments and data loss prevention (DLP) policies, track licensing: Admin Center	Manage resource groups, connections, access management, and logging: Azure portal
Security	Office 365 Security and Compliance audit logs, DLP, encryption at rest for sensitive data	Security assurance of Azure: Azure security, Azure Security Center, audit logs

Embed Power Apps in BC



DEMO

Create Model-driven PowerApp based on BC



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- **Create apps around forms and processes**
Model Driven apps allow fully metadata driven applications revolving around forms and business processes.
- **Design sophisticated entity forms quickly**
Drag and drop fields and controls in a visual designer. Forms can span multiple columns, multiple steps, and collapsible sections.
- **Rich, responsive client experiences**
Responsive UI automatically reflows across devices based on the space available.
- **Immersive integrations**
Use Excel, Word, OneNote, Microsoft Social Engagement, Power BI, LinkedIn, and more directly embedded.

The image displays two overlapping screenshots from the Microsoft Dynamics 365 ecosystem. The top screenshot shows the PowerApps 'Form Designer' interface for a 'Form: Food Allergies'. It features a visual design canvas with various controls like 'Header', 'Footer', and 'Form Properties'. A 'Field Explorer' on the right lists fields such as 'Created By', 'Created By (Delegate)', and 'Modified On'. The bottom screenshot shows the Dynamics 365 'Solution Explorer' for a solution named 'DesignTest'. It lists various components including 'Activity Type', 'Amount Method', 'Himanshu_Test_app', 'Task', 'test app', and 'testprocess', each with details like Name, Type, State, and Customizable status.

How to start with BC and Model-driven PowerApps

- **First, some facts:**
 - Currently, BC is not based on CDS
 - Model-driven PowerApps can be based only on CDS
- **And what to do?**
 - Some workaround?
 - Create CDS entities as a BC copy
 - Connect them using: Web Services, Web API's, Flow or LogicApps
 - Be smart...



Q&A

Any Questions?

*Thank
You!*