



**Microsoft Dynamics 365
and Power Platform Community Conference**

MAY 25 – 27, 2026
Portorož, Slovenia, Europe

Dynamics 365 F&O and Microsoft Entra ID integration

From authentication to automation





**Microsoft Dynamics 365
and Power Platform Community Conference**

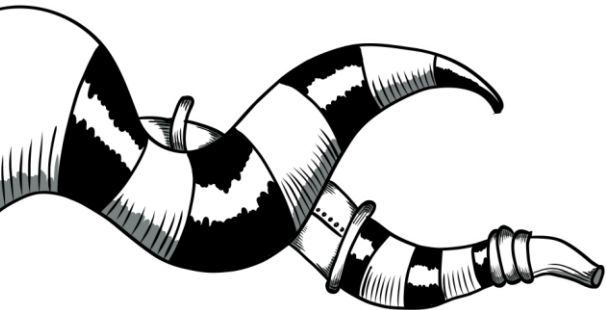
MAY 25 – 27, 2026
Portorož, Slovenia, Europe

Dynamics 365 F&O and Microsoft Entra ID integration

From authentication to automation

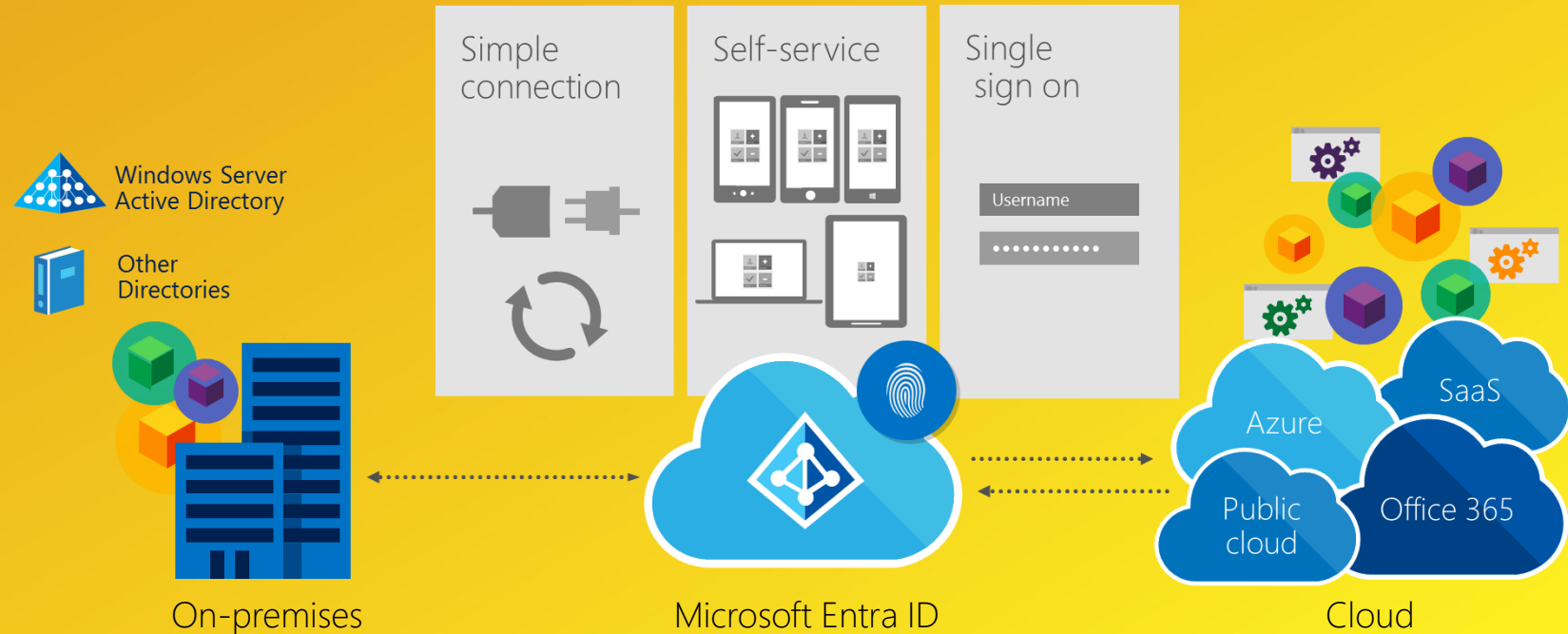
André Arnaud de Calavon
Managing Partner | CTO

next365



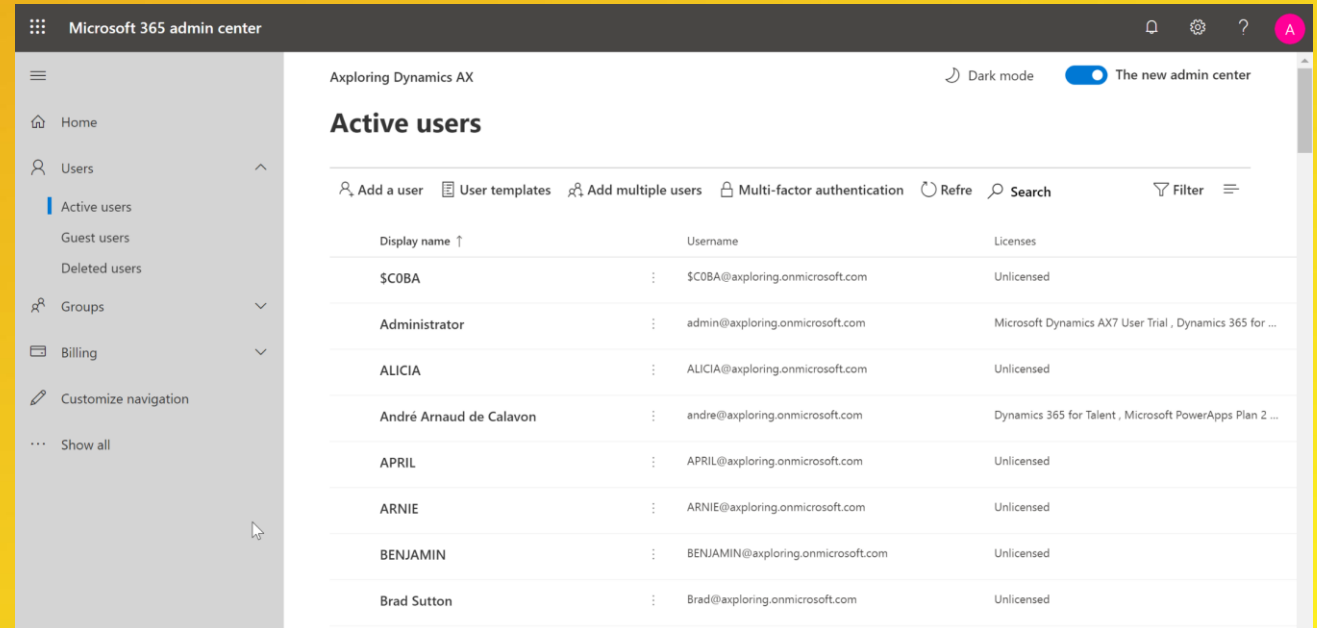
Microsoft Entra ID introduction

- Cloud-based identity and access management service
- Same account as other Microsoft services such as Office 365
- Single sign on
- Multi-factor authentication
- Connect with on-premises Active Directory (password sync or ADFS)

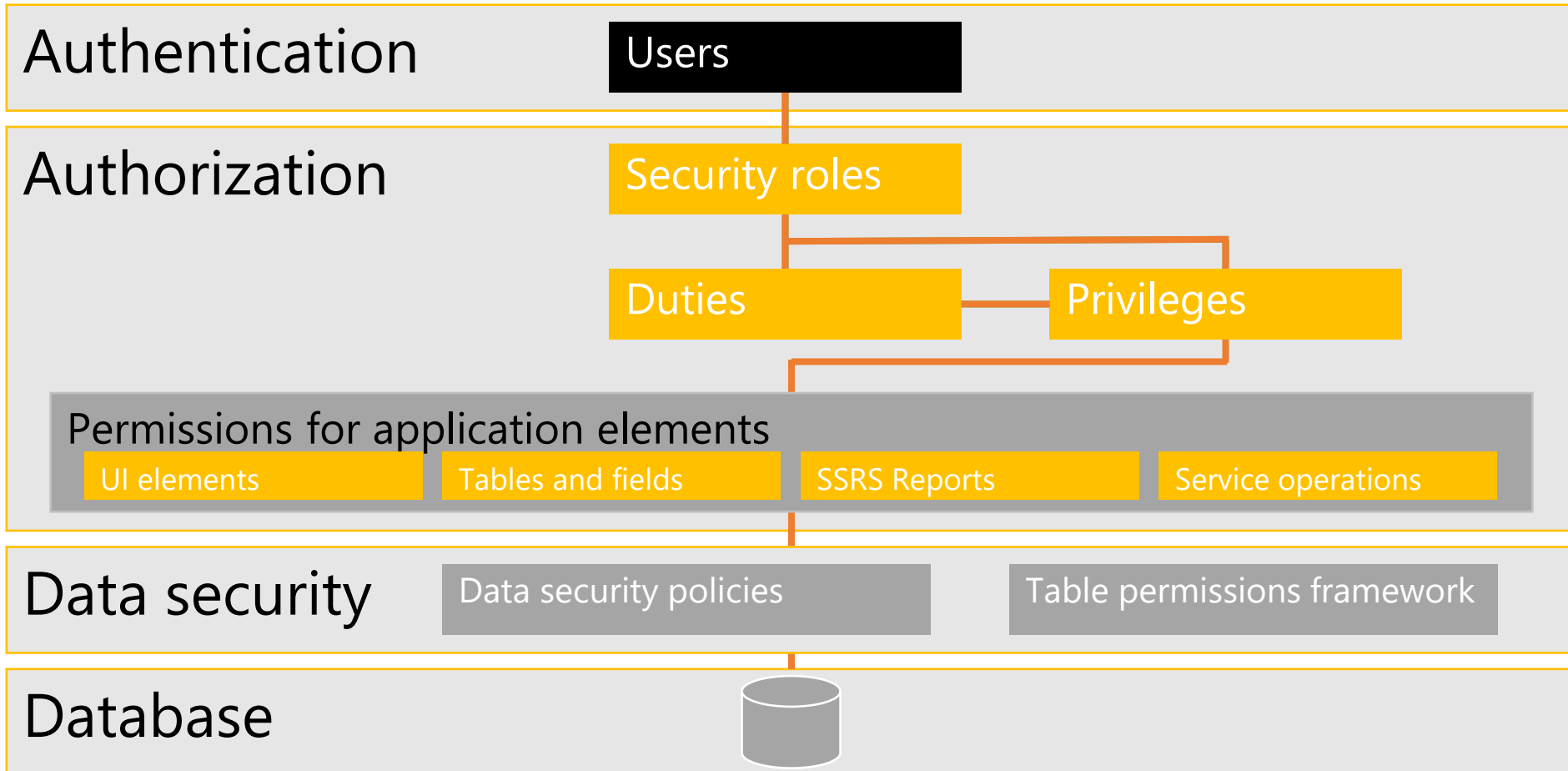


Entra ID administration

- Administration portals
 - Microsoft 365 admin center
 - Microsoft Entra admin center
 - Azure portal
- Manage Users
- Manage Groups
- Manage License assignments



Security architecture



Add Entra ID accounts as users in Dynamics 365 for Finance and Operations

Users require a valid Entra ID account

Microsoft Entra ID is used for authentication

Users & authentication

- Users
 - Internal / guest
 - Link with person
- Microsoft Entra ID
 - Cloud
- Active Directory Federation Services (AD FS)
 - On premise
 - Entra ID account required for LCS



System administration > Users > Users

Finance and Operations Preview

Search for a page

USMF

Navigation: Edit, **New**, Delete, **Import users**, Maintain versions, Batch import, User group assignment, Team assignment, User options, Options

Personalize: Always open for editing, Personalize this page, Add to workspace

Page options: Security diagnostics, Record info, Advanced filter or sort, Go to

Share: Get a link, Create a custom alert, Manage my alerts

Power Automate: See your flows, Create a flow

Users

Active system users

Filter

User ID	User name	Email	Company	Person	Telemetry ID	Enabled
APRIL	APRIL	APRIL@dynamicspedia.com	USMF		{E5BF1EFA-FC93-4AAD-923F-BFEC6AB94038}	✓
axrunner	axrunner	axrunner@contosoax7.onmicros...	DAT		{00000000-0000-0000-000000000000}	✓
BENJAMIN	BENJAMIN	BENJAMIN@dynamicspedia.com	USMF	Benjamin Martin	{E13B574E-8FBF-44EF-BDF4-1FDE486C5595}	✓
boris	Boris Himmelstein	boris@dynamicspedia.com	USMF		{AD31C550-78FB-44B8-A29B-2979529B6FE1}	✓
Brad	Brad Sutton	Brad@dynamicspedia.com	USMF	Brad Sutton	{DEB594A8-96A5-4D62-BD8B-8AD9A87FCF75}	✓
BROOKE	BROOKE	BROOKE@dynamicspedia.com	USMF	Brooke Drynan	{A6124675-2F70-4FCC-9216-58BFE1E989D3}	✓
BrunoD	BrunoD	BrunoD@dynamicspedia.com	USRT	Bruno Denuit	{74342A39-79FA-480D-8436-E605890B9C95}	✓
CASSIE	CASSIE	CASSIE@dynamicspedia.com	USMF		{E2D436EF-C5C7-48C0-9485-E6E31E46A454}	✓
CHARLIE	CHARLIE	CHARLIE@dynamicspedia.com	USMF	Charlie Carson	{1A753F35-3300-4C04-B5CF-4D5A40D28625}	✓
CHRIS	CHRIS	CHR Presentation last saved: 4m ago	USMF		{741D079B-B1ED-42C7-9273-96D3CE07A343}	✓
CHRISTIP	CHRISTINA	CHRISTIP@dynamicspedia.com	USMF	Christina Portra	{4673926F-A736-476B-801C-20B901731082}	✓
CLAIRE	CLAIRE	CLAIRE@dynamicspedia.com	USMF	Claire Kennedy	{4D0F4EA2-FBAF-41E2-BEF6-2850D939025B}	✓
CONNIE	CONNIE	CONNIE@dynamicspedia.com	USMF		{41084081-EB21-446C-970E-E12B74A265BD}	✓
D1Assem	Device 1 assembly	D1Assem@dynamicspedia.com	USMF		{8E9BA854-827D-4754-AE92-C28D0E480821}	✓
DANIEL	DANIEL	DANIEL@dynamicspedia.com	USMF		{B3E69954-C974-4FCF-843A-2813B768AC03}	✓
dataverse	Dataverse integration	dataverse			{DAFFA3A7-8F3E-434B-BA52-098B555C635D}	✓
DAVID	DAVID	dauid@dynamicspedia.com	USMF		{B1E2FE8C-87ED-4E4A-ABBA-E9E1D7C2A031}	✓

* The screenshot contains a customization. User group assignment and Team assignment actions are not part of the standard application.

+New user

Finance and Operations Preview

Search for a page

USMF

Save + New Delete Import users Maintain versions Batch import User group assignment Team assignment User options Options

Personalize: Always open for editing, Personalize this page, Add to workspace

Page options: Security diagnostics, Advanced filter or sort, Record info, Go to

Edit: Read mode, Revert

Share: Get a link, Create a custom alert, Manage my alerts

Power Automate: See your flows, Create a flow

Users

My view

New Record

User details

User ID

User name *

Provider: https://sts.windows.net/

Email *

Telemetry ID: (00000000-0000-0000-0000-00...

Company

Person

Enabled: Yes

User's roles

+ Assign roles Run automatic role assignment Remove role Assign organizations

Roles

* The screenshot contains a customization. User group assignment, Team assignment and Run automatic role assignment actions are not part of the standard application.

Import users

Finance and Operations Preview

Search for a page

Save New Delete Import users Maintain versions Batch import User group assignment Team assignment User options Options

Personalize: Always open for editing, Personalize this page, Add to workspace

Page options: Security diagnostics, Advanced filter or sort, Record info, Go to

Edit: Read mode, Revert

Share: Get a link, Create a custom alert, Manage my alerts

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Users

Active system users

Filter

User ID	User name	Email	Company	Person	Telemetry ID
APRIL	APRIL	APRIL@ynamicspedia.com	USMF		(E5BF1EFA-FC93-4AAD-923F-8F...
axrunner	axrunner	axrunner@contosoax7.onmicro...	DAT		(00000000-0000-0000-0000-00...
BENJAMIN	BENJAMIN	BENJAMIN@ynamicspedia.com	USMF	Benjamin Martin	(E13B574E-8FBF-44EF-BDF4-1F...
boris	Boris Himmelstein	boris@ynamicspedia.com	USMF		(AD31C550-78FB-44B8-A29B-2...
Brad	Brad Sutton	Brad@ynamicspedia.com	USMF	Brad Sutton	(DEB594A8-96A5-4D62-BD8B-8...
BROOKE	BROOKE	BROOKE@ynamicspedia.com	USMF	Brooke Drynan	(A6124675-2F70-4FCC-9216-58...
BrunoD	BrunoD	BrunoD@ynamicspedia.com	USRT	Bruno Denuit	(74342A39-79FA-480D-8436-E6...
CASSIE	CASSIE	CASSIE@ynamicspedia.com	USMF		(E2D436EF-C5C7-48C0-9485-E6...
CHARLIE	CHARLIE	CHARLIE@ynamicspedia.com	USMF	Charlie Carson	(1A753F35-3300-4C04-B5CF-40...
CHRIS	CHRIS	CHRIS@ynamicspedia.com	USMF		(741D079B-B1ED-42C7-9273-9...
CHRISTIP	CHRISTINA	CHRISTIP@ynamicspedia.com	USMF	Christina Portra	(4673926F-A736-476B-801C-20...
CLAIRE	CLAIRE	CLAIRE@ynamicspedia.com	USMF	Claire Kennedy	(4D0F4EA2-FBAF-41E2-BEF6-28...
CONNIE	CONNIE	CONNIE@ynamicspedia.com	USMF		(41084081-EB21-446C-970E-E1...
D1Assem	Device 1 assembly	D1Assem@ynamicspedia.com	USMF		(8E9BA854-827D-4754-AE92-C...
DANIEL	DANIEL	DANIEL@ynamicspedia.com	USMF		(B3E69954-C974-4FCF-843A-28...
dataverse	Dataverse integration	dataverse			(DAFFA3A7-8F3E-434B-BA52-0...
DAVID	DAVID	david@ynamicspedia.com	USMF		(D1E2E8C7-87ED-4E4A-AB9A-E...

My view

Import users

dynamicspedia.com

Azure Active Directory Users

Name	Email address
Demo user 3	demo3@ynamicspedia.com
Demo user 2	demo2@ynamicspedia.com
ARNIE	ARNIE@ynamicspedia.com

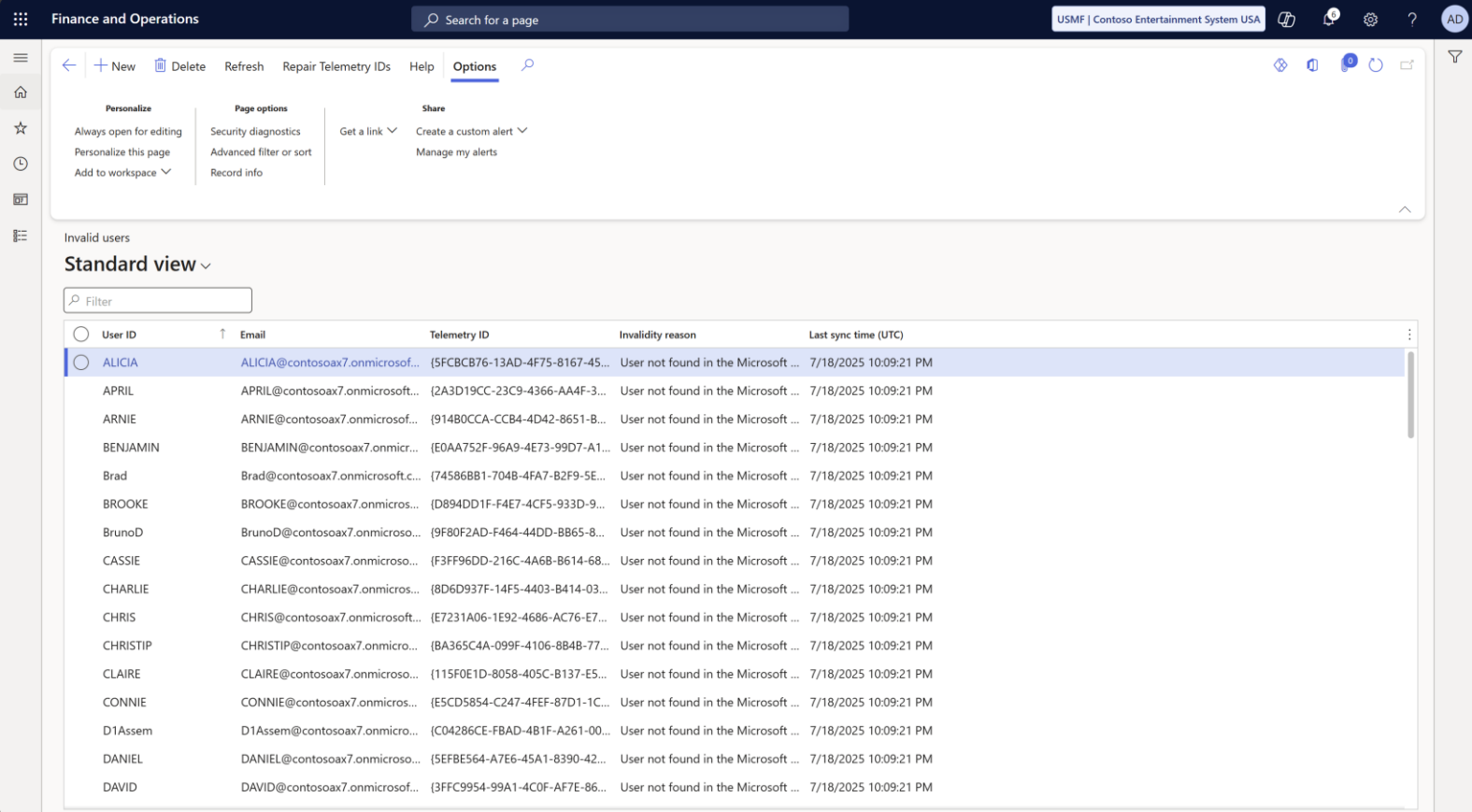
Previous page Next page

Import users Close

* The screenshot contains a customization. User group assignment and Team assignment actions are not part of the standard application.

Invalid users

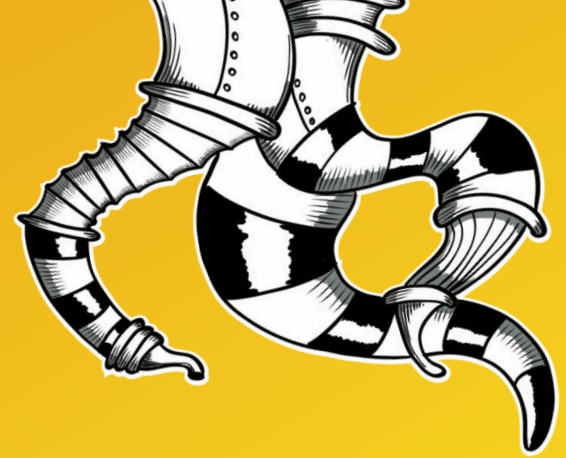
- Validation user with Entra ID
 - Users not found in Microsoft Entra ID
 - Users where the Telemetry ID is not as the Object ID in your Entra ID tenant.
 - Users from who the email address contains 'MAIL#'
- Repair Telemetry ID



User ID	Email	Telemetry ID	Invalidity reason	Last sync time (UTC)
ALICIA	ALICIA@contosoax7.onmicrosoft.com	{5FCBCB76-13AD-4F75-8167-45...	User not found in the Microsoft ...	7/18/2025 10:09:21 PM
APRIL	APRIL@contosoax7.onmicrosoft.com	{2A3D19CC-23C9-4366-AA4F-3...	User not found in the Microsoft ...	7/18/2025 10:09:21 PM
ARNIE	ARNIE@contosoax7.onmicrosoft.com	{914B0CCA-CCB4-4D42-8651-B...	User not found in the Microsoft ...	7/18/2025 10:09:21 PM
BENJAMIN	BENJAMIN@contosoax7.onmicros...	{E0AA752F-96A9-4E73-99D7-A1...	User not found in the Microsoft ...	7/18/2025 10:09:21 PM
Brad	Brad@contosoax7.onmicrosoft.c...	{74586BB1-704B-4FA7-B2F9-5E...	User not found in the Microsoft ...	7/18/2025 10:09:21 PM
BROOKE	BROOKE@contosoax7.onmicros...	{D894DD1F-F4E7-4CF5-933D-9...	User not found in the Microsoft ...	7/18/2025 10:09:21 PM
BrunoD	BrunoD@contosoax7.onmicroso...	{9F80F2AD-F464-44DD-BB65-8...	User not found in the Microsoft ...	7/18/2025 10:09:21 PM
CASSIE	CASSIE@contosoax7.onmicroso...	{F3FF96DD-216C-4A6B-B614-68...	User not found in the Microsoft ...	7/18/2025 10:09:21 PM
CHARLIE	CHARLIE@contosoax7.onmicros...	{8D6D937F-14F5-4403-B414-03...	User not found in the Microsoft ...	7/18/2025 10:09:21 PM
CHRIS	CHRIS@contosoax7.onmicrosoft...	{E7231A06-1E92-4686-AC76-E7...	User not found in the Microsoft ...	7/18/2025 10:09:21 PM
CHRISTIP	CHRISTIP@contosoax7.onmicro...	{BA365C4A-099F-4106-8B4B-77...	User not found in the Microsoft ...	7/18/2025 10:09:21 PM
CLAIRE	CLAIRE@contosoax7.onmicroso...	{115F0E1D-8058-405C-B137-E5...	User not found in the Microsoft ...	7/18/2025 10:09:21 PM
CONNIE	CONNIE@contosoax7.onmicros...	{E5CD5854-C247-4FEF-87D1-1C...	User not found in the Microsoft ...	7/18/2025 10:09:21 PM
D1Assem	D1Assem@contosoax7.onmicro...	{C04286CE-FBAD-4B1F-A261-00...	User not found in the Microsoft ...	7/18/2025 10:09:21 PM
DANIEL	DANIEL@contosoax7.onmicroso...	{5EFBE564-A7E6-45A1-8390-42...	User not found in the Microsoft ...	7/18/2025 10:09:21 PM
DAVID	DAVID@contosoax7.onmicrosof...	{3FFC9954-99A1-4C0F-AF7E-86...	User not found in the Microsoft ...	7/18/2025 10:09:21 PM



User maintenance



External & guest users

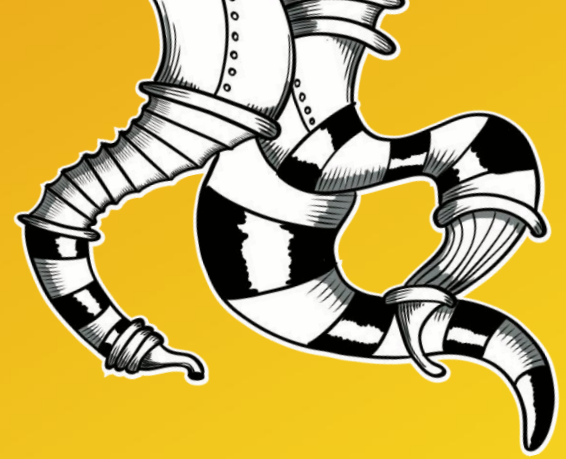
- Guest user
 - Azure portal
 - Add user F&O
 - Provider
- Personal accounts
 - Hotmail
 - Live
 - Outlook
 - Gmail

The screenshot shows the 'Users' page in the Dynamics 365 Finance and Operations application. The page title is 'Finance and Operations' with a search bar. The left sidebar contains navigation icons. The top navigation bar includes 'Save', 'New', 'Delete', 'Import users', 'Maintain versions', 'Batch import', 'User options', and 'Options'. The main content area shows the user 'andre.arnaud.de.cala : André Arnaud de Calavon' in 'Standard view'. Below this, the 'User details' section contains fields for 'User ID' (https://sts.windows.net/next365group.com/), 'User name' (André Arnaud de Calavon), 'Email' (andre.arnaud.de.calavon@next3...), 'Telemetry ID' (3F581FB4-26BC-46AC-B222-28...), and 'Company' (USMF). The 'User's roles' section is partially visible at the bottom.

User details		
User ID	https://sts.windows.net/next365group.com/	Telemetry ID
andre.arnaud.de.cala	.windows.net/next365group.com/	{3F581FB4-26BC-46AC-B222-28...}
User name	Email	Company
André Arnaud de Calavon	andre.arnaud.de.calavon@next3...	USMF



External users

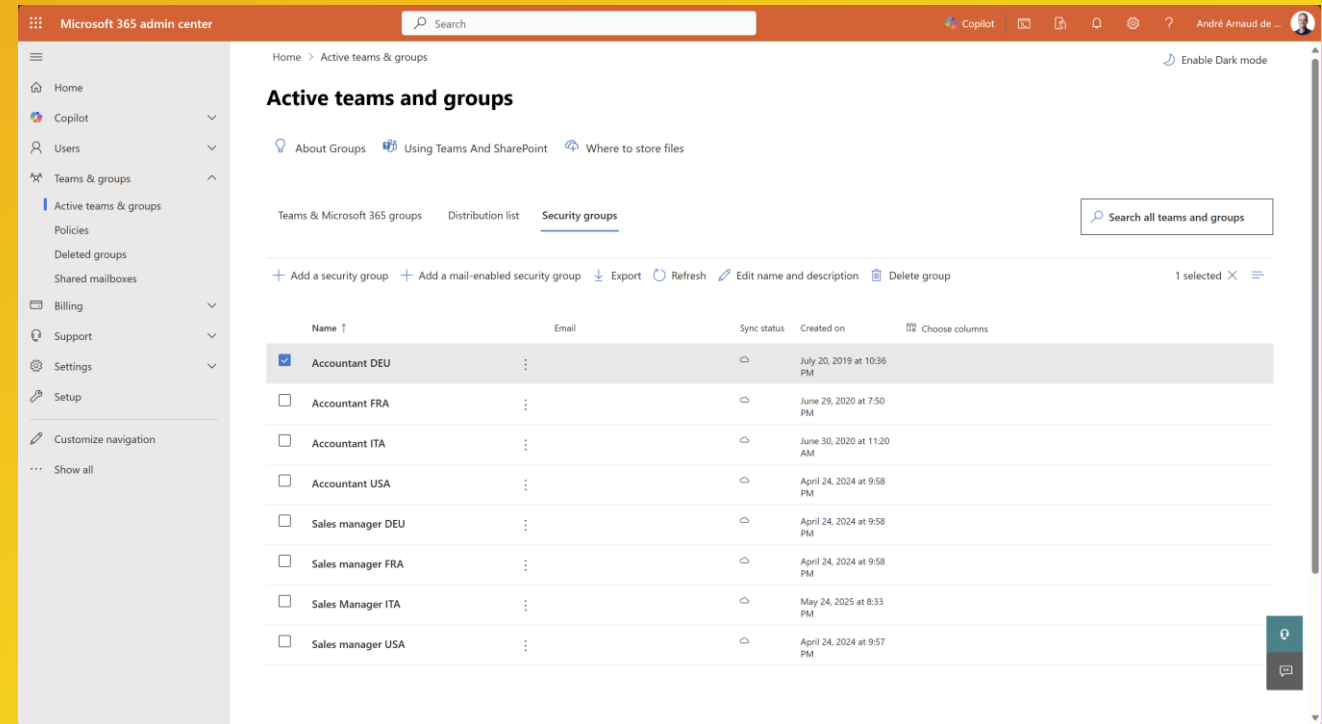


User role assignment options

- Manual role assignment
 - User detail form
 - Assign users to roles
- Limit company access
 - Assign organizations
 - Organization hierarchies
- Automatic role assignment
- Entra ID groups
- Security diagnostics

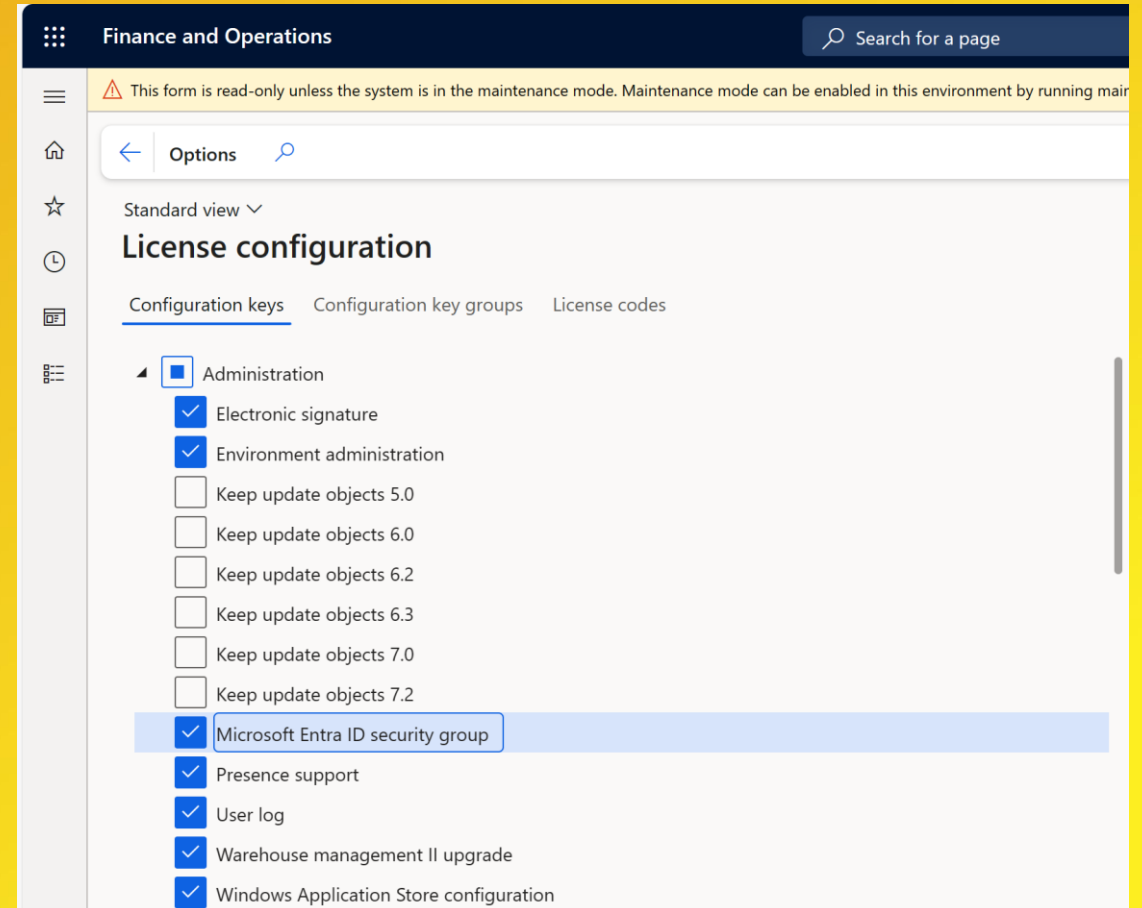
Entra ID administration

- Groups
 - Teams & M365 group
 - Distribution list
 - Security group
- Members
- License assignment



Dynamics 365 administration

- Enable configuration key
Microsoft Entra ID security group
- Groups setup
 - Import from Entra ID
 - Assign security roles
- Automatic or manual user creation



How to use Entra ID groups (1/2)

- Import groups
- User preferences
 - Startup company
 - Enabled

Finance and Operations Preview

Search for a page

Edit New Delete Import groups 1

Options

Personalize

Always open for editing

Personalize this page

Add to workspace

Page options

Security diagnostics

Advanced filter or sort

Record info

Change view

Get a link

Create a custom alert

Manage my alerts

Share

Groups

Classic view

Filter

ID	Name	Company	Enabled
FRA-accountant	FRA-accountant	FRSI	4
USA-accountant	USA-accountant	USMF	

Import groups

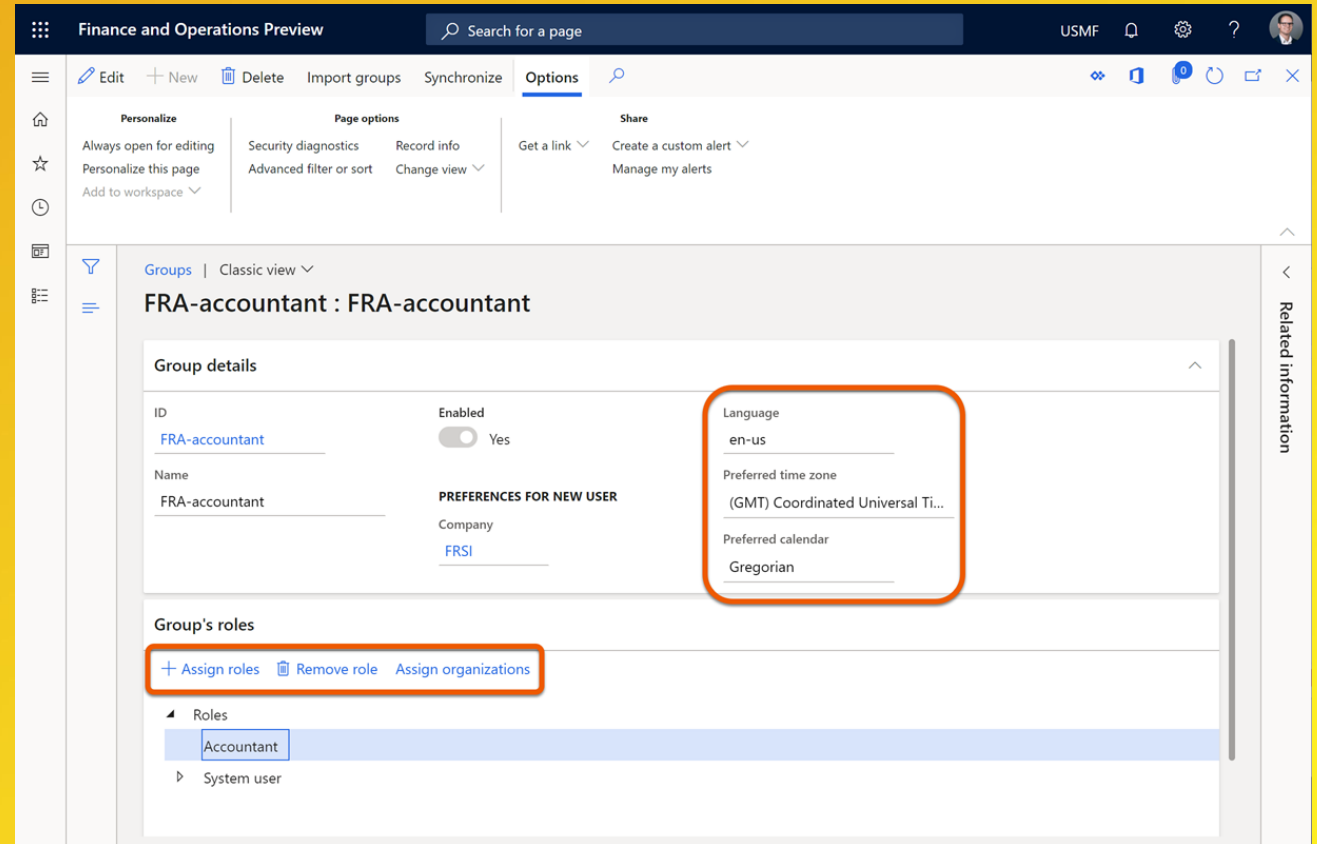
Azure Active Directory security groups

ID	Name
2	BRA-accountant
	DEU-accountant

3 Import groups Close

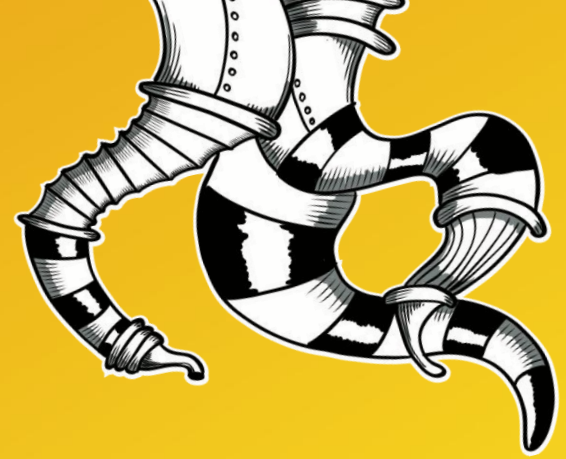
How to use Entra ID groups (2/2)

- Assign roles
- Assign organizations
- User preferences
 - Language
 - Time zone
 - Calendar





Security management Entra ID groups



Entra ID group challenges

- Naming convention user ID
- Segregation of Duties
- Workflow assignment
- Security reports
- Security policies (XDS)
- Published saved views to roles



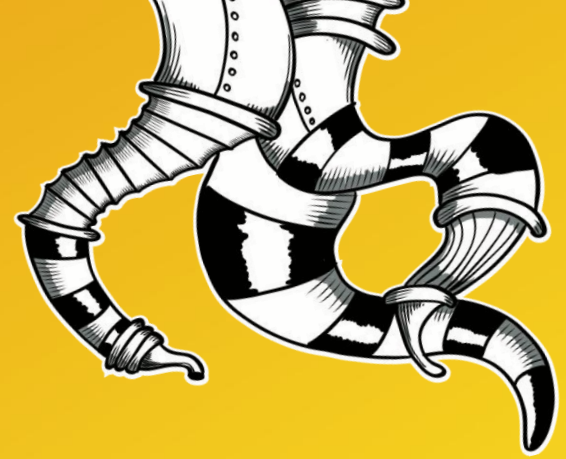
D365 FO Admin Toolkit

<https://github.com/ameyer505/D365FOAdminToolkit>

- Assign / Revoke SysAdmin Access without needing elevated permissions
- (Optional) Require a reason be provided for assigning SysAdmin
- SysAdmin role assignment / revoke reporting
- Export all role access to CSV
- Language support: English, Norwegian, Spanish, Dutch, Swedish, French
- Adding last login to the user info form
- Entra ID group enhancements

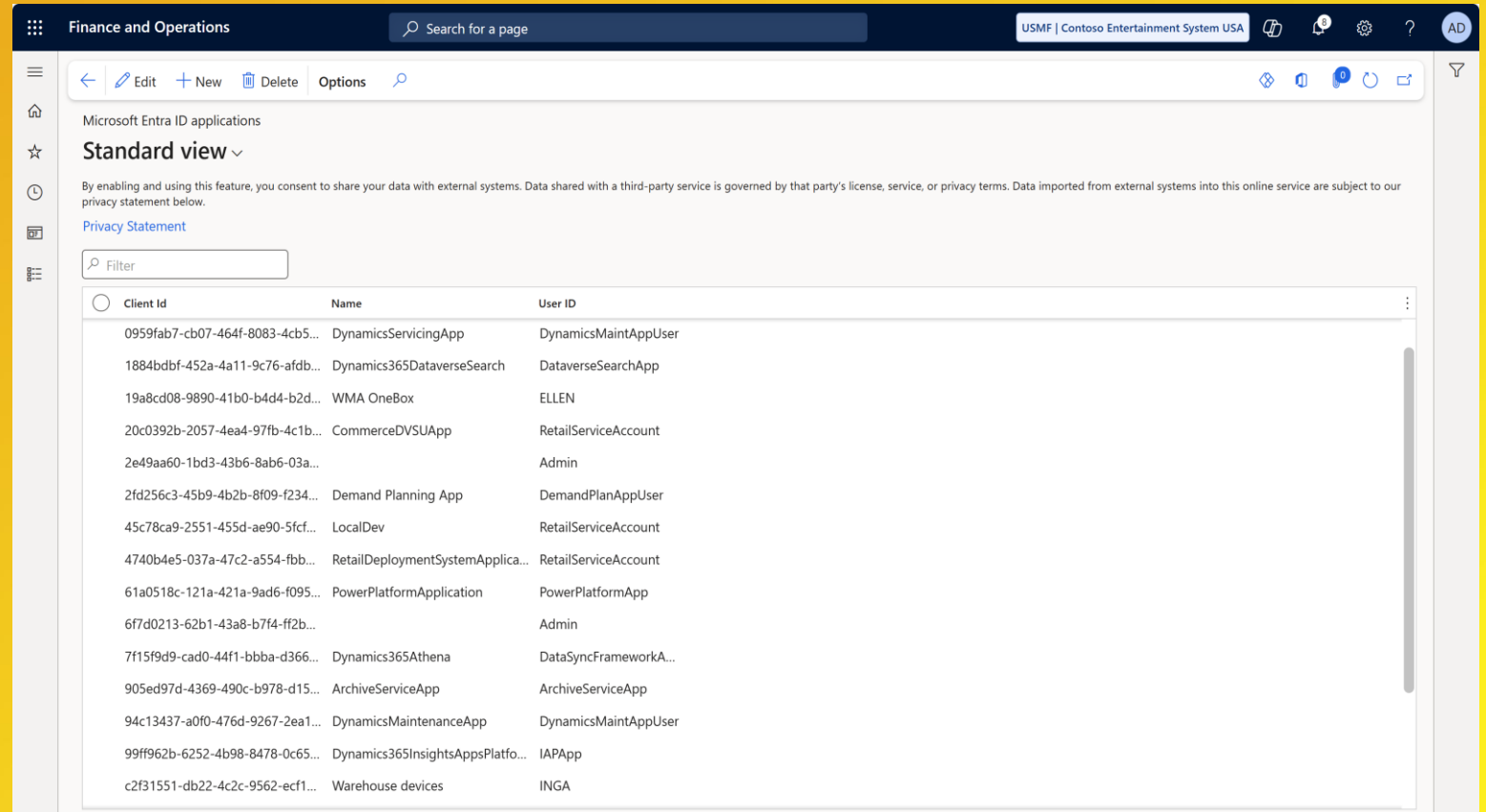


Enhanced Entra ID group integration



App registration

- Authenticate application
- Link user in Dynamics 365 F&O
- Examples
 - Warehouse devices
 - Virtual entities
 - Electronic invoicing
 - OneBox VM



Finance and Operations

Search for a page

USMF | Contoso Entertainment System USA

Microsoft Entra ID applications

Standard view

By enabling and using this feature, you consent to share your data with external systems. Data shared with a third-party service is governed by that party's license, service, or privacy terms. Data imported from external systems into this online service are subject to our privacy statement below.

[Privacy Statement](#)

Filter

Client Id	Name	User ID
0959fab7-cb07-464f-8083-4cb5...	DynamicsServicingApp	DynamicsMaintAppUser
1884bdfb-452a-4a11-9c76-afdb...	Dynamics365DataverseSearch	DataverseSearchApp
19a8cd08-9890-41b0-b4d4-b2d...	WMA OneBox	ELLEN
20c0392b-2057-4ea4-97fb-4c1b...	CommerceDVSUApp	RetailServiceAccount
2e49aa60-1bd3-43b6-8ab6-03a...		Admin
2fd256c3-45b9-4b2b-8f09-f234...	Demand Planning App	DemandPlanAppUser
45c78ca9-2551-455d-ae90-5fcd...	LocalDev	RetailServiceAccount
4740b4e5-037a-47c2-a554-fbb...	RetailDeploymentSystemApplica...	RetailServiceAccount
61a0518c-121a-421a-9ad6-f095...	PowerPlatformApplication	PowerPlatformApp
6f7d0213-62b1-43a8-b7f4-ff2b...		Admin
7f15f9d9-cad0-44f1-bbba-d366...	Dynamics365Athena	DataSyncFrameworkA...
905ed97d-4369-490c-b978-d15...	ArchiveServiceApp	ArchiveServiceApp
94c13437-a0f0-476d-9267-2ea1...	DynamicsMaintenanceApp	DynamicsMaintAppUser
99ff962b-6252-4b98-8478-0c65...	Dynamics365InsightsAppsPlatfo...	IAPApp
c2f31551-db22-4c2c-9562-ecf1...	Warehouse devices	INGA

Administer roles

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

andre@dynamicspedia....
DYNAMICSPEA (DYNAMICSPE...

Home > Dynamicspedia | Users > Users > André Arnaud de Calavon

André Arnaud de Calavon | Assigned roles

User

Search

+ Add assignments Refresh Got feedback?

Overview

Audit logs

Sign-in logs

Diagnose and solve problems

Custom security attributes

Assigned roles

Administrative units

Groups

Applications

Licenses

Devices

Azure role assignments

Authentication methods

New support request

Eligible assignments

Active assignments

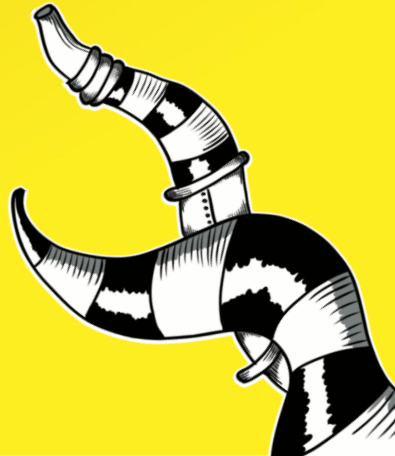
Expired assignments

Search by role

Role	Principal name	Scope	Membership	State	Start time	End time	Action
Power Platform Administrator	andre@dynamicspedia.com	Dynamicspedia	Direct	Active	10/6/2024, 4:37:27 PM	Permanent	Remove Update
Fabric Administrator	andre@dynamicspedia.com	Dynamicspedia	Direct	Active	10/6/2024, 4:38:16 PM	Permanent	Remove Update
Dynamics 365 Administrator	andre@dynamicspedia.com	Dynamicspedia	Direct	Active	-	Permanent	Remove Update
Global Administrator	andre@dynamicspedia.com	Dynamicspedia	Direct	Active	-	Permanent	Remove Update

DYNAMICS
MINDS

Questions



Useful links

- Security architecture
 - <https://docs.microsoft.com/en-us/dynamics365/unified-operations/dev-itpro/sysadmin/security-architecture>
- Security blogs
 - <https://dynamicspedia.com/security>
 - <https://alexdmeyer.com/d365fo-security-topics/>



THANK YOU!



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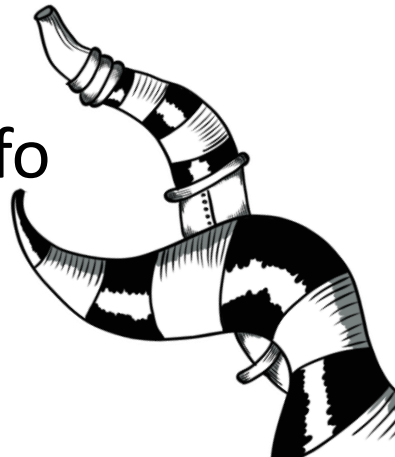
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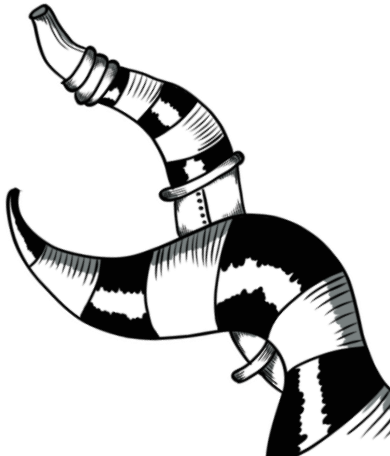


Andre Thoughts

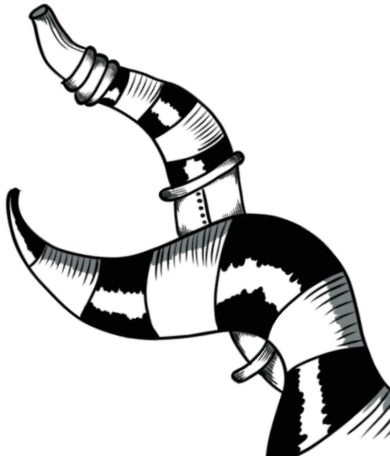
- Database log cleanup > enable per LE > DEMO quick setup for all LEs
- Retention period (review time versus audit time)
- Summary email instead of DB log (demo)
- Log on staging tables, log on history tables >> obsolete
- 1.2 TB database log
- smmTransLog enabled by default > disable.
- DB log is technical table log > address change > no functional info about related party (customer/vendor/employee).

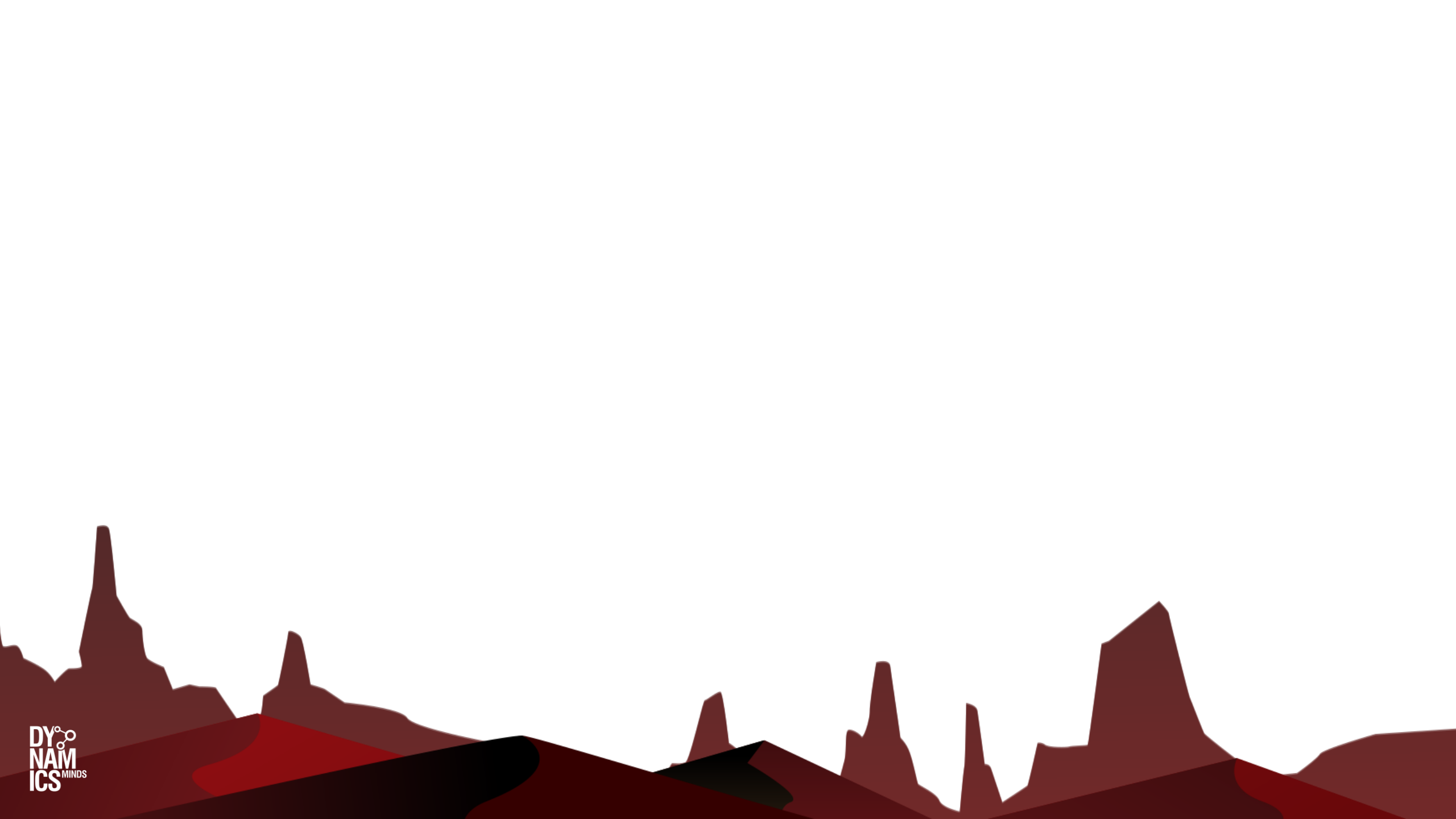


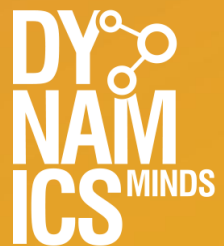
Title



Screenshots slide



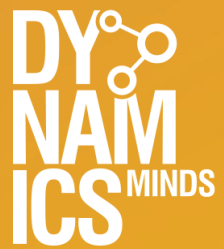




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PRESENTATION TITLE



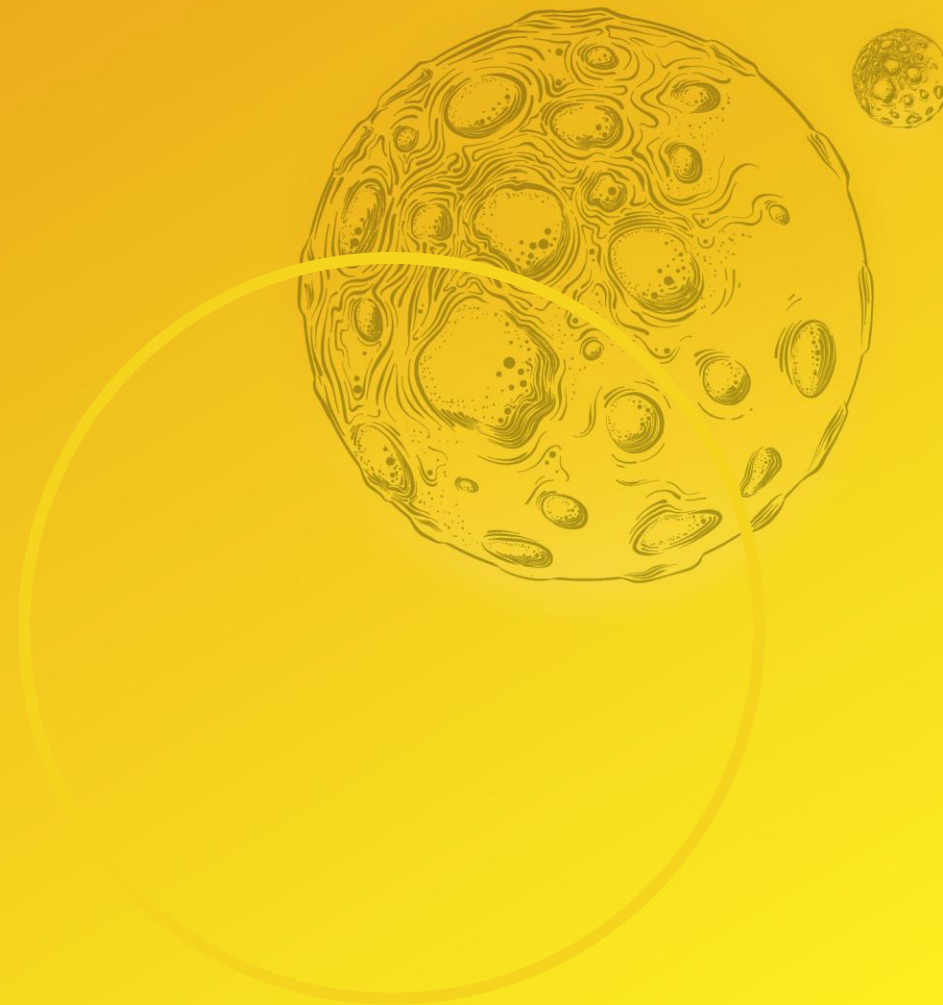


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PRESENTATION TITLE

NAME AND SURNAME

Job Title, Company





**Microsoft Dynamics 365
and Power Platform Community Conference**

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Portorož, Slovenia, Europe

PRESENTATION TITLE

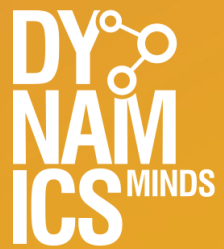
NAME AND SURNAME

Job Title, Company

NAME AND SURNAME

Job Title, Company



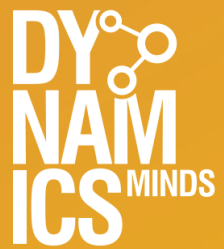


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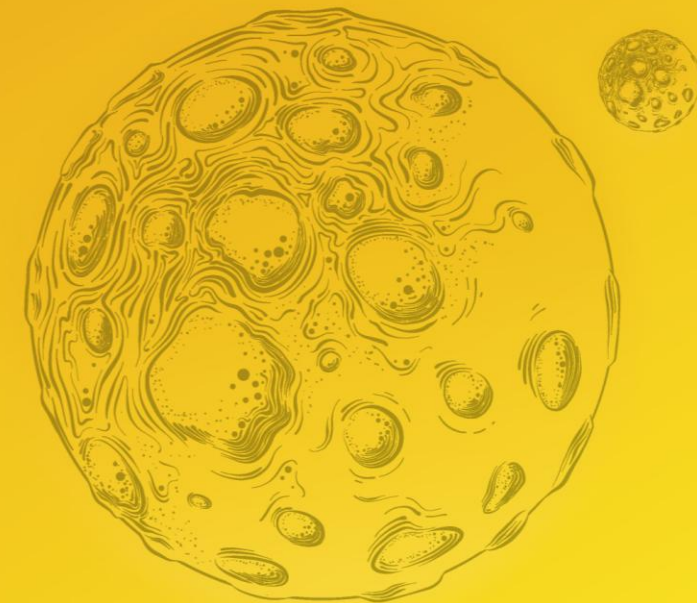


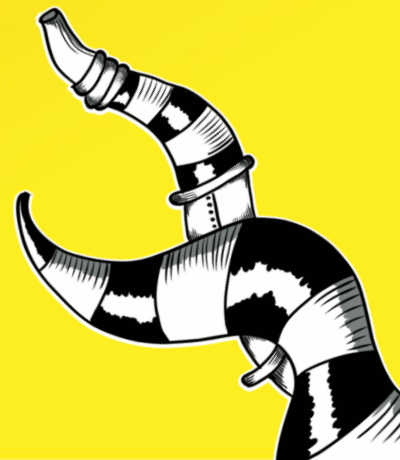


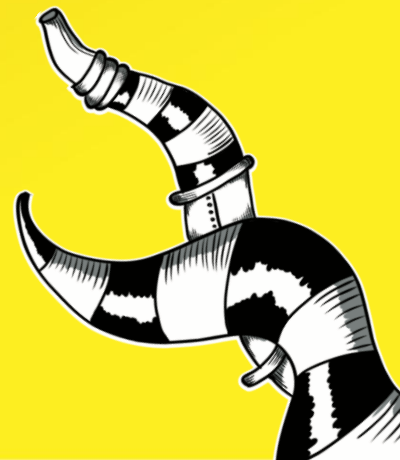
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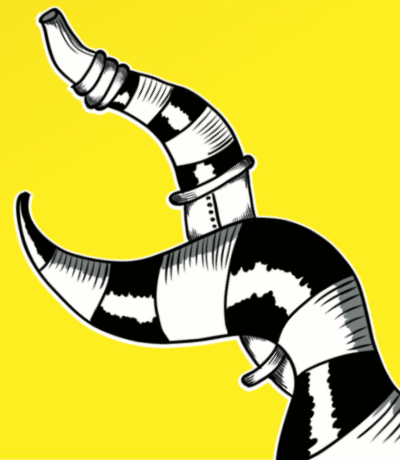
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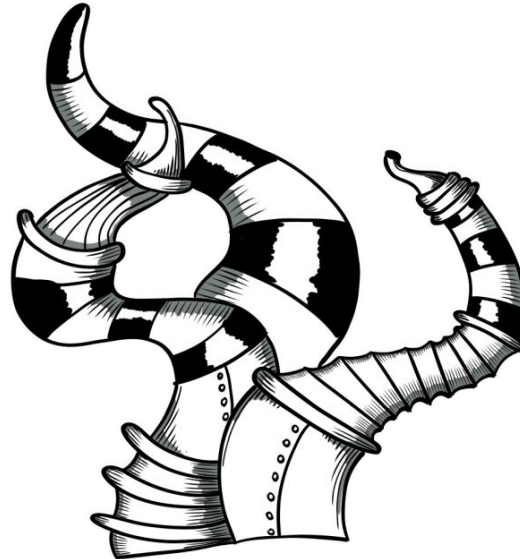
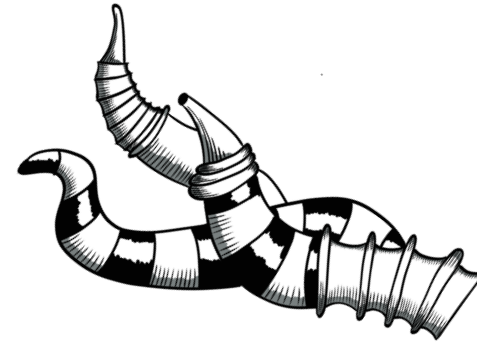








PNG elements you can use to enrich your presentation:



Text boxes:

Text box for important text:

- When will it happen?
- How will it happen?
- Why will it happen?

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- When will it happen?
- How will it happen?
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STRETCH ME FOR LONG AND
IMPORTANT QUOTE OR SUBTITLE >

Counting down:

- 1 Important statement.
- 2 Important statement.
- 3 Important statement.
- 4 Important statement.
- 5 Important statement.

Tabelar view:

YOUR TABLE TITLE			
Subtitle	Subtitle	Subtitle	Subtitle

Paragraph Separators:



- Bullets
- Bullets
- Bullets
- Bullets



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HOW TO IMPORT **SOURCE CODE** INTO MS DYNAMICS





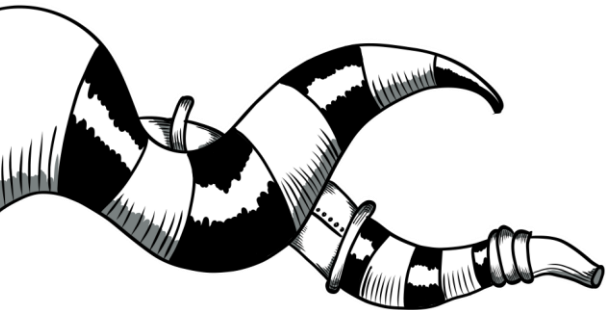
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HOW TO **MAKE IT** IN YOUR PROJECT

ALEXANDRA DOE

Senior Technical Consultant at COMPANY





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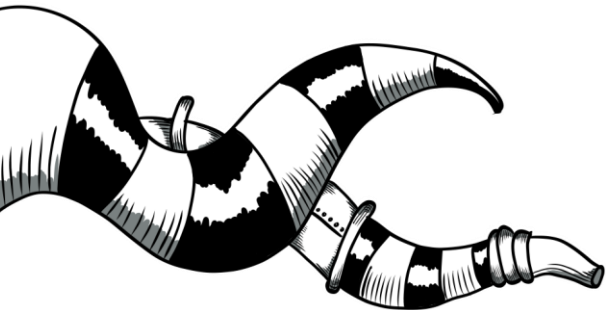
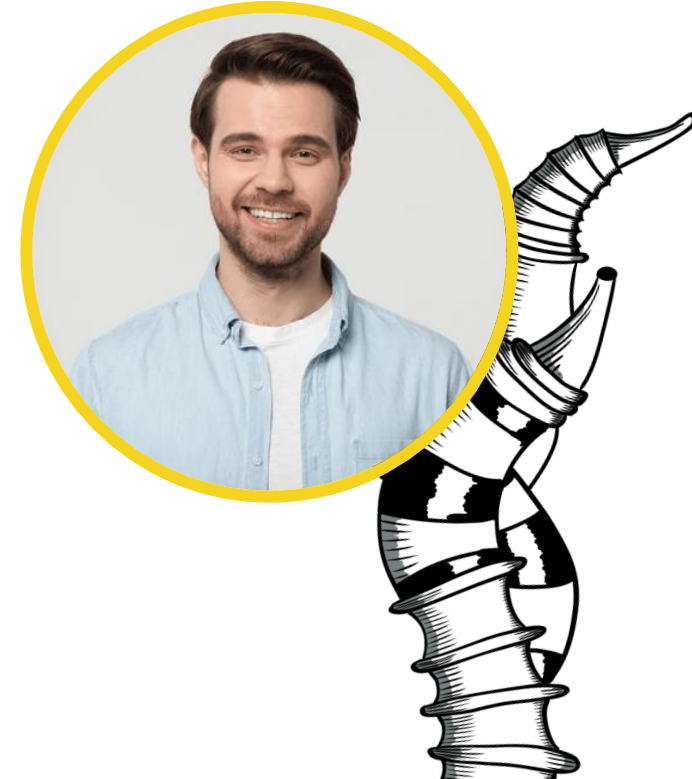
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HOW TO **USE EVENT** TO YOUR ADVANTAGE

ALEXANDRA DOE
Event Manager at **COMPANY**



ALEXANDAR DOE
Event Manager at **COMPANY**



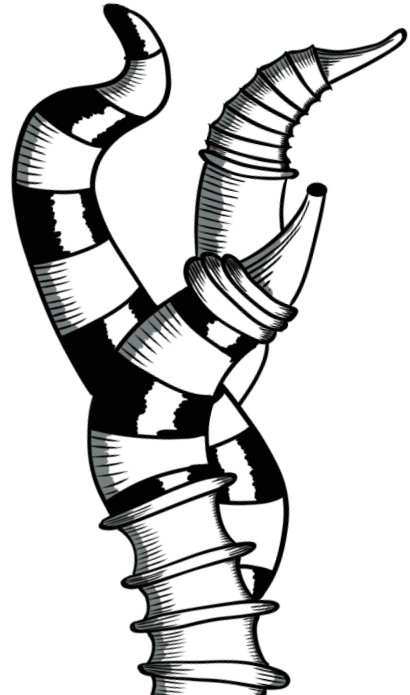


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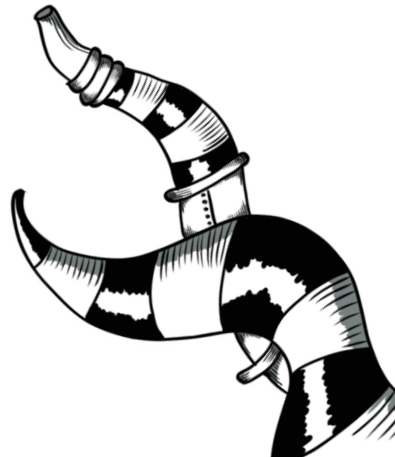
CHAPTER ABOUT **AI FUTURE**

How will AI shape the future of coding and production



LET'S TALK ABOUT OBVIOUS

- We can find solution where we least expect it
- DO WE and CAN WE?
- Sure, it is possible, but keep your joker cards close!
- Make best with what you have...and what you know
- Try to answer these 3 questions:
 - When will it happen?
 - How will it happen?
 - Why will it happen?



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 - When will it happen?

