



Microsoft Dynamics 365
and Power Platform Community Conference
MAY 25 – 27, 2026
Portorož, Slovenia, Europe



From Confusion to Clarity

Mastering Dynamics 365 F&O

Licensing





Microsoft Dynamics 365 and Power Platform Community Conference

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Agenda



Introduction

- Why is Microsoft enforcing license assignments, and what do you need to understand about Dynamics 365 licensing

User license validation

- When and how will license enforcement be applied to Dynamics 365 environments

License reporting and tools

- What reports and tools does Microsoft provide to show clients readiness

Optimizing security roles for licensing

- Review the security role contents and business processes to reduce license costs

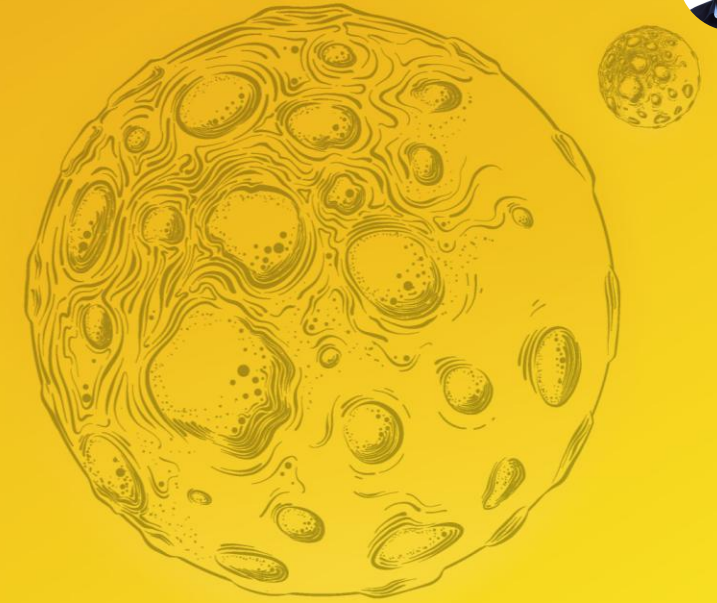
Next steps & Recommendations

- Recent updates from Microsoft and roadmap



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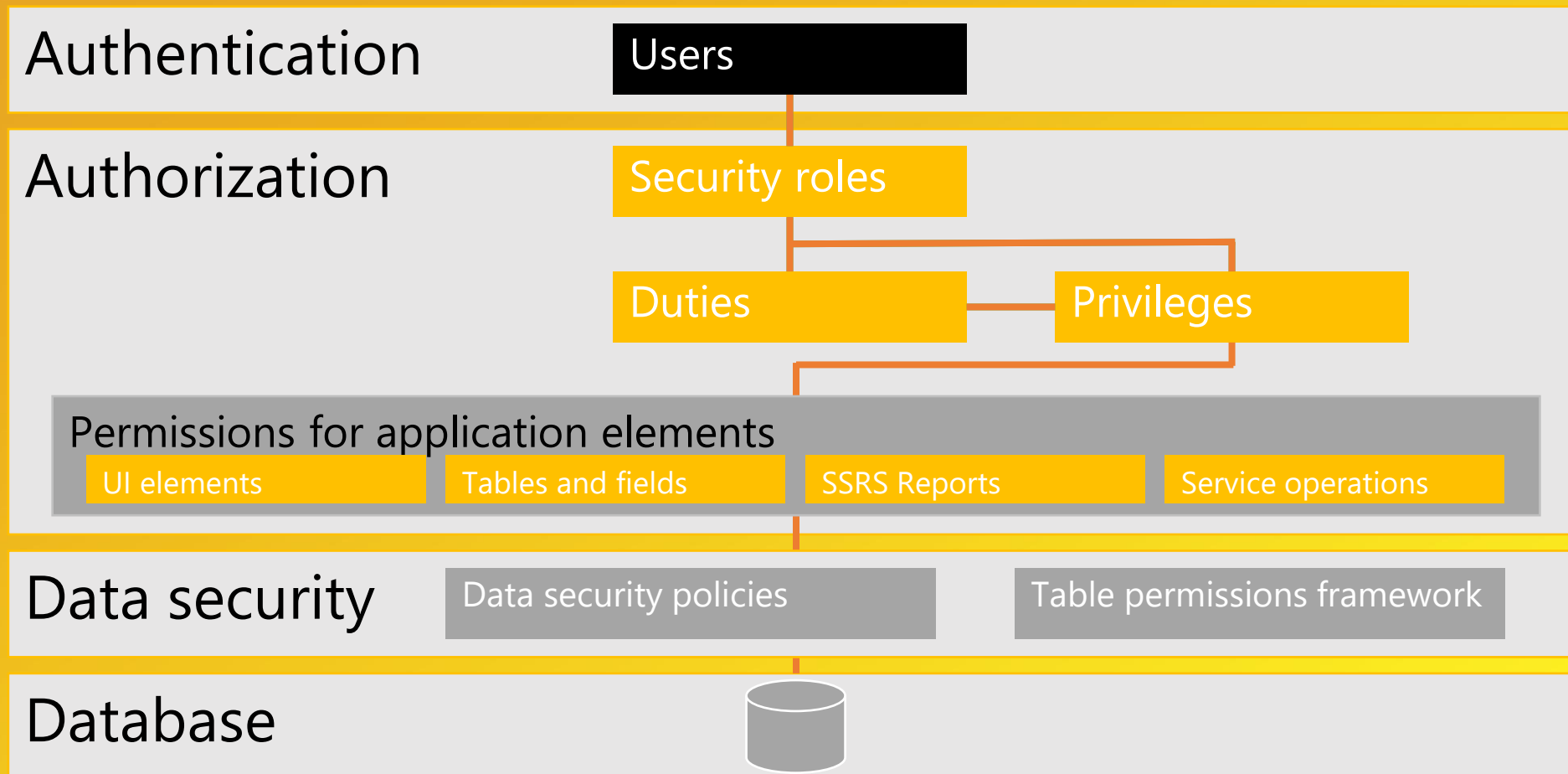


Introduction





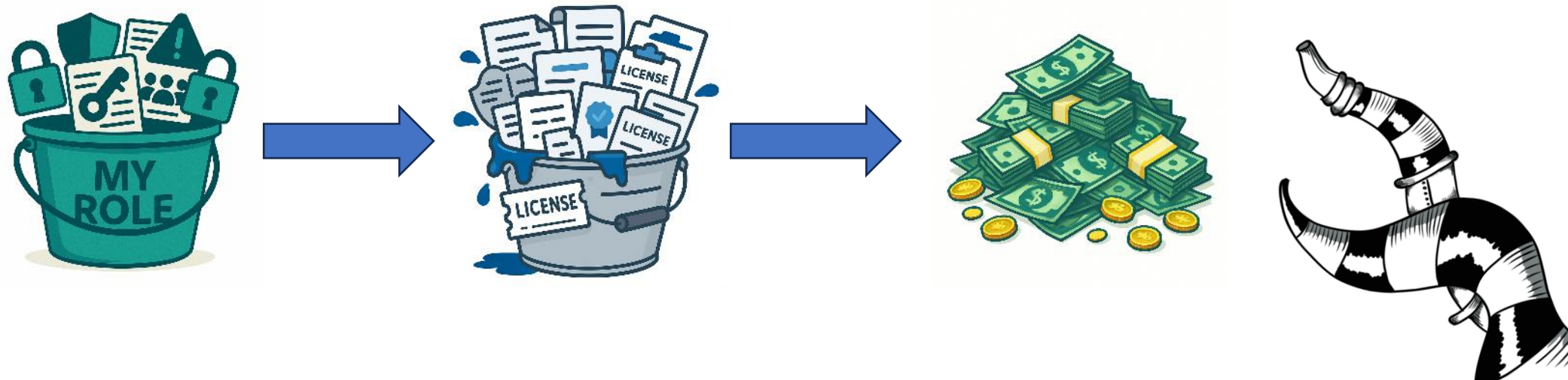
Dynamics 365 F&O Security architecture



Licensing impact from security implementation

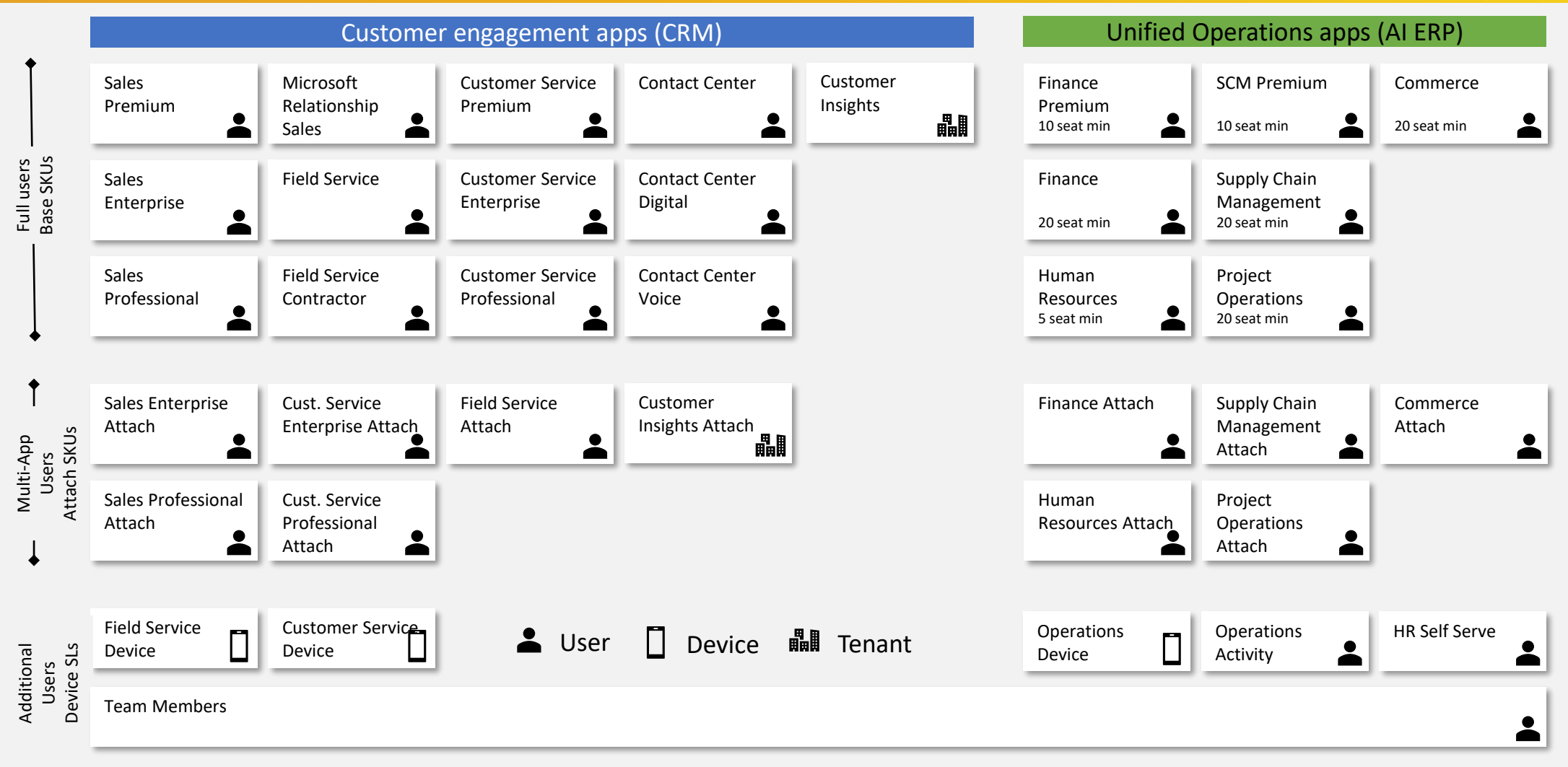


- Security implementation and licensing are tied together
- Contents of the security role determine the license level
- Security roles assigned to the user determine what license(s) are required
- Licensing is evaluated based on accessible functionality, not actual usage





Dynamics 365 Licensing overview





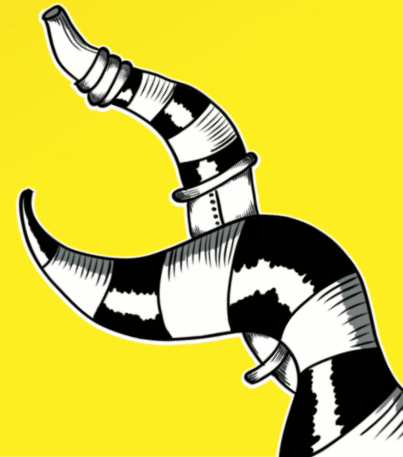
Dynamics 365 licensing base & attach

Base USLs (user/month, billed annually)		Attach USLs user/month, billed annually											
		Business Central Essentials	Commerce	Customer Service Ent	Customer Service Pro	Field Service	Finance	Human Resources	Project Operations	Remote Assist	Sales Ent	Sales Pro	SCM
Business Central Essentials	\$70	-	-	-	\$20	-	-	-	-	-	-	\$20	-
Business Central Premium	\$100	-	-	\$20 ¹	\$20	\$20 ¹	-	-	-	-	\$20 ¹	\$20	-
Commerce	\$210	-	-	\$20	\$20	\$20	\$30	\$30	\$30	-	\$20	\$20	\$30
Customer Service Enterprise	\$105	\$20	-	-	-	\$20	-	-	-	-	\$20	\$20	-
Customer Service Premium	\$195	\$20	-	-	-	\$20	-	-	-	-	\$20	\$20	-
Field Service	\$105	\$20	-	\$20	\$20	-	-	-	-	\$20	\$20	\$20	-
Finance	\$210	-	\$30	\$20	\$20	\$20	-	\$30	\$30	-	\$20	\$20	\$30
Finance Premium	\$300	-	\$30	\$20	\$20	\$20	-	\$30	\$30	-	\$20	\$20	\$30
Human Resources (HR)	\$135	-	-	\$20	\$20	\$20	-	-	\$30	-	\$20	\$20	-
Microsoft Relationship Sales ²	\$177	-	-	\$20	\$20	\$20	-	\$30	\$30	-	-	-	-
Project Operations	\$135	-	-	\$20	\$20	\$20	-	\$30	-	-	\$20	\$20	-
Sales Enterprise	\$105	\$20	-	\$20	\$20	\$20	-	-	-	-	-	-	-
Sales Premium	\$150	-	-	\$20	\$20	\$20	-	\$30	\$30	-	-	-	-
Sales Professional	\$65	-	-	-	\$20	-	-	-	-	-	-	-	-
Supply Chain Management	\$210	-	\$30	\$20	\$20	\$20	\$30	\$30	\$30	-	\$20	\$20	-
Supply Chain Management Premium	\$300	-	\$30	\$20	\$20	\$20	\$30	\$30	\$30	-	\$20	\$20	-

Storage entitlements



Capacity Included/Accrued	Dataverse Database		Dataverse File		Dataverse Log		Dataverse or Operations Database		Dataverse or Operations File	
	Included Per Tenant Max	Accrued Per USL	Included Per Tenant	Accrued Per USL	Included Per Tenant	Accrued Per USL	Included Per Tenant ¹	Accrued Per USL ²	Included Per Tenant	Accrued Per USL
Contact Center, Contact Center Voice, Customer Service Premium	30 GB	250 MB	40 GB	35 GB	2 GB	-	-	-	-	-
Contact Center Digital Customer Service Enterprise, Field Service ³ , Sales Enterprise, Sales Premium	30 GB	250 MB	40 GB	2 GB	2 GB	-	-	-	-	-
Customer Service Professional, Sales Professional	30 GB	-	40 GB	-	2 GB	-	-	-	-	-
Intelligent Order Management	30 GB	-	40 GB	-	2 GB	-	-	-	-	-
Customer Insights ¹ (CI)	45 GB	-	60 GB	-	4 GB	-	-	-	-	-
CI – Interacted People ⁴	-	1 GB	-	2 GB	-	-	-	-	-	-
CI – Unified People ⁴	-	15 GB	-	20 GB	-	-	-	-	-	-
Commerce, Finance, Project Operations, Supply Chain Management					2 GB	-	90 GB	5 GB	80 GB	5 GB
Finance Premium, Supply Chain Management Premium					3 GB	-	125 GB	10 GB	110 GB	10 GB
Human Resources					2 GB	-	90 GB	1 GB	80 GB	2 GB
Operations – Activity					-	-	-	1 GB	-	2 GB
Operations – Device								2 GB		3 GB





Standard versus Premium license SKUs

	Standard	Premium
Price	\$ 210	\$ 300
Tenant capacity	90 GB	125 GB
Per user	5 GB	10 GB
Minimum purchase quantity	20	10
Additional features	—	Finance: Business Performance Planning SCM: Demand Planning
Electronic invoice transactions/tenant/month	100	200
Invoice capture transactions/tenant/month	100	200
AI Builder Credits/tenant/month	20000	50000
Copilot credits/user/month	—	1000



License validation scope

Production
environments only

Sandboxes and
development
environments
excluded

System
administrators
excluded*

Service accounts
excluded

ISV and custom
objects require
Teams member
SKU

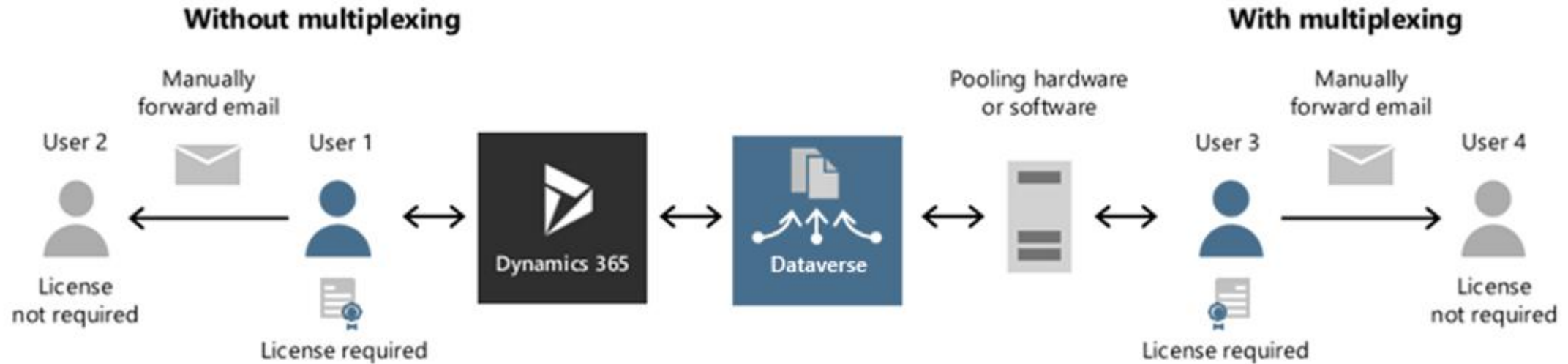
Be aware of
multiplexing

Devices excluded
(at this moment)

Capacity
enforcement
(expected)



Multiplexing

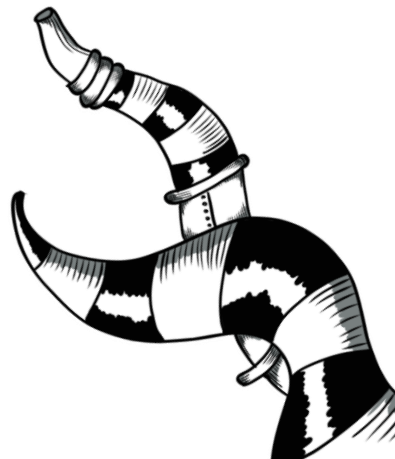


Multiplexing does not reduce the number of Microsoft licenses required.

Related session May 27 – 15:15 – Emerald II

Spellbound by Licenses: Spotting Multiplexing Risks and Needs

Tom Kapitan





License validation timeline

Started January 15, 2026, Microsoft introduced a phased rollout of per-user license validation, which will take effect on each customer's contract renewal or anniversary date.

**M365
Admin Center
(T-60)**

60 days before

Notifications and
emails sent to M365
administrators

**User in-app
notification
(T-30)**

30 days before

Notifications for Non-
licensed users

**Contract renewal or
anniversary
(T-0)**

Enforcement start

Grace period of 15
days to assign correct
user licenses

**Technical
validation
(T+15)**

15 days after

Lose access to
Dynamics 365 F&O if
licenses are not
assigned

Dynamics 365 License validation

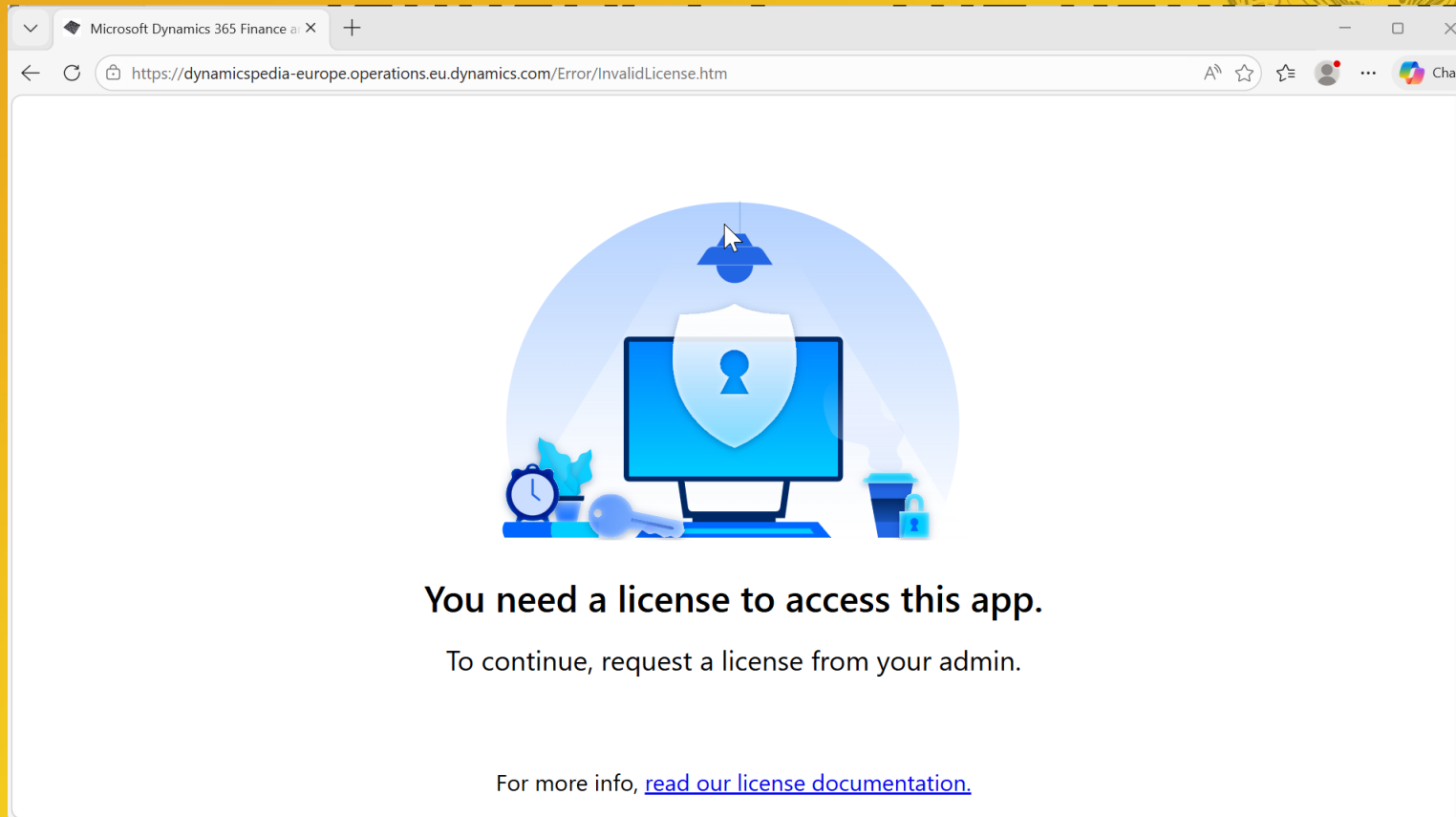


Finance and Operations

Search for a page



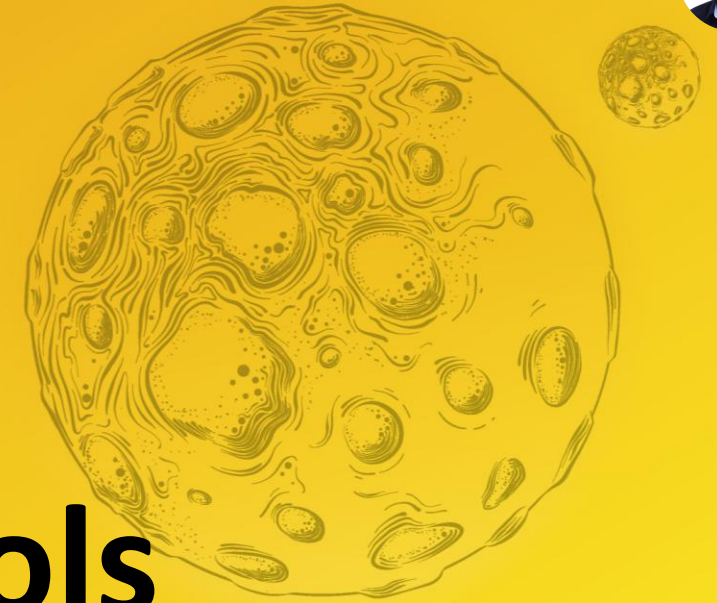
You will lose access to Dynamics 365 finance and operations apps due to a missing license. Please contact your admin to get one assigned immediately.





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License reporting and tools





- View Permissions from Security configuration
- Licenses shown during user role assignment
- User License Counts/History
- User License Estimator

User license estimator

USER	FINANCE	SUPPLY MANAGEMENT	COMMERCE	PROJECT OPERATIONS	HUMAN RESOURCES
ALICIA ALICIA@contosoax7.onmicrosoft.com https://sts.windows.net/	☐	☒	☐	☐	☐
APRIL APRIL@contosoax7.onmicrosoft.com https://sts.windows.net/	☒	☐	☐	☐	☐
BENJAMIN BENJAMIN@contosoax7.onmicrosoft.com https://sts.windows.net/	☐	☒	☐	☐	☐
BROOKE BROOKE@contosoax7.onmicrosoft.com https://sts.windows.net/	☒	☐	☐	☐	☒
CHARLIE CHARLIE@contosoax7.onmicrosoft.com https://sts.windows.net/	☐	☐	☐	☐	☐

Standard

Assigning roles to users

Additional roles to assign to this user

COPY SETTINGS FROM USER OR GROUP

ID Include organizations ☒ Yes

☐ Role name	☐ Label	License
☒ Accountant	Accountant	Finance
Accounts payable central...	Accounts payable central...	Finance
Accounts payable clerk	Accounts payable clerk	Finance
Accounts payable manager	Accounts payable manager	Finance
Accounts payable payme...	Accounts payable payme...	Finance
Accounts payable positive...	Accounts payable positive...	Team Member
Accounts receivable centr...	Accounts receivable centr...	Finance
Accounts receivable clerk	Accounts receivable clerk	Finance
Accounts receivable man...	Accounts receivable man...	Finance
Accounts receivable pay...	Accounts receivable pay...	Finance
Applicant anonymous (ex...	Applicant anonymous (ex...	None
Auditor	Auditor	Finance



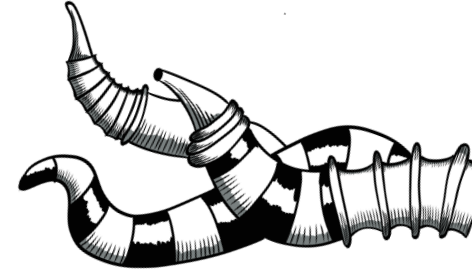
License calculation changes

- Privilege-based license calculation deprecated
- Maintain and view license properties on menu items in AOT deprecated
- Microservice outside of Dynamics 365 F&O
- Objects and access level determine license requirements
- Securable objects part of the calculation
 - Menu Items (display, action, output)
 - Data Entities
 - Data Entity Methods
 - Service Operations
- Calculation logic to find the lowest license for all objects assigned to a role/user



Power Platform Admin Center User License Report – V2

- PPAC > Licensing > Finance and Operations
- Microservice running outside F&O
- Reports required, assigned, and available licenses
- Drill down option to check user role assignments
- CSV export for detailed analysis and status report in e.g., Excel
- Requires either Tenant administrator, Power Platform administrator, Dynamics 365 administrator, or environment administrator.





Power Platform Admin Center

Power Platform admin center

Search for settings, pages, and more

André Arnaud de ...

Home

Actions

Manage

Security

Copilot

Monitor

Deploy...

Licensing

Support

Admin centers

Licensing

Billing Plans

Capacity add-ons

Products

Power Apps

Power Automate

Power Pages

Copilot Studio

Dataverse

Finance and Operations

User License Consumption

Finance and Operations

Customers must acquire and assign appropriate subscription licenses for its users per [Microsoft's product terms](#). Microsoft provides these reports to help customers monitor required licenses based on their users' configured access to Dynamics 365 finance and operations apps. User license reporting may vary based on user security role assignment and may be periodically enhanced to reflect Microsoft's current licensing requirements. [Learn more](#).

Total users requiring license

64

View details

Unlicensed users

48

View details

Under-licensed users

6

View details

Over-licensed users

4

View details

Users without a license requirement

6

View details

Manage licenses

Export to CSV

Summarize

User licenses across Finance and Operations applications

The report refreshes every 4-12 hours. Last refresh on: 11/16/2025, 10:05:41 AM UTC.

Dynamics 365 Supply Chain Management

Unlicensed users: 24

Name	Assigned Licenses	Available
Base	4/5	1
Attach	0/0	0

View all

Dynamics 365 Finance

Unlicensed users: 22

Name	Assigned Licenses	Available
Base	18/30	12
Attach	0/0	0

View all

Dynamics 365 Commerce

Unlicensed users: 7

Name	Assigned Licenses	Available
------	-------------------	-----------

Dynamics 365 Project Operations

Unlicensed users: 7

Name	Assigned Licenses	Available
------	-------------------	-----------



Power Platform Admin Center

Power Platform admin center

Search for settings, pages, and more

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Home

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Finance and Operations

Finance and Operations > Unlicensed users

The report refreshes every 4-12 hours. Last refresh on: 11/16/2025, 10:05:41 AM UTC.

Email/User ID	Required licenses	Assigned licenses in M365	Missing licenses
JEREMY@dynamicspedia.com	Commerce	Assign the required licenses for this user	Commerce
OSCAR@dynamicspedia.com	Commerce Finance Supply Chain Management	Assign the required licenses for this user	Commerce Finance Supply Chain Management
SARA@dynamicspedia.com	Commerce Finance Supply Chain Management	Assign the required licenses for this user	Commerce Finance Supply Chain Management
SUSAN@dynamicspedia.com	Commerce Supply Chain Management	Assign the required licenses for this user	Commerce Supply Chain Management
MARCB@dynamicspedia.com	Commerce	Assign the required licenses for this user	Commerce
REINA@dynamicspedia.com	Finance Project Operations	Assign the required licenses for this user	Finance Project Operations
KEN@dynamicspedia.com	Finance	Assign the required licenses for this user	Finance
JUNE@dynamicspedia.com	Finance Project Operations	Assign the required licenses for this user	Finance Project Operations
CONNIE@dynamicspedia.com	Finance	Assign the required licenses for this user	Finance
CHRISTIP@dynamicspedia.com	Finance	Assign the required licenses for this user	Finance
Willem@dynamicspedia.com	Finance Human Resources	Assign the required licenses for this user	Finance Human Resources





Lifecycle services

Lifecycle Services

United States

?

André Arnaud de Calavon

We are announcing the deprecation of the Microsoft Dynamics 365 Translation Service. This service will reach end-of-support on October 15, 2025. [Learn more](#)

User license consumption

Customers must acquire and assign appropriate subscription licenses for its users per [Microsoft's product terms](#). Microsoft provides these reports to help customers monitor required licenses based on their users' configured access to Dynamics 365 finance and operations apps. User license reporting may vary based on user security role assignment and may be periodically enhanced to reflect Microsoft's current licensing requirements. [Learn more](#)

64

Total users requiring license

48

Unlicensed users

Tenant name

Dynamicspedia

Tenant Id

b7de5333-0b5f-43d8-ac64-b2229a38a281

Manage licenses

Export to CSV

User licenses across Finance and Operations applications

The report refreshes every 4-12 hours. Last refresh on: 11/16/2025, 11:05 AM

Dynamics 365 Supply Chain Management

Unlicensed users

24

Name	Assigned licenses	Available
Base	4 / 5	1
Attach	0 / 0	0

View all

Dynamics 365 Finance

Unlicensed users

22

Name	Assigned licenses	Available
Base	18 / 30	12
Attach	0 / 0	0

View all

Dynamics 365 Commerce

Unlicensed users

7

Name	Assigned licenses	Available
Base	0 / 0	0
Attach	0 / 0	0

View all

Dynamics 365 Project Operations

Unlicensed users

7

Name	Assigned licenses	Available
Base	2 / 5	3
Attach	0 / 0	0

View all

Dynamics 365 Human Resources

Unlicensed users

10

Name	Assigned licenses	Available
Base	3 / 5	2
Attach	0 / 0	0

View all

Operations (Legacy license)

Unlicensed users

0

Name	Assigned licenses	Available
Base	0 / 0	0

View all



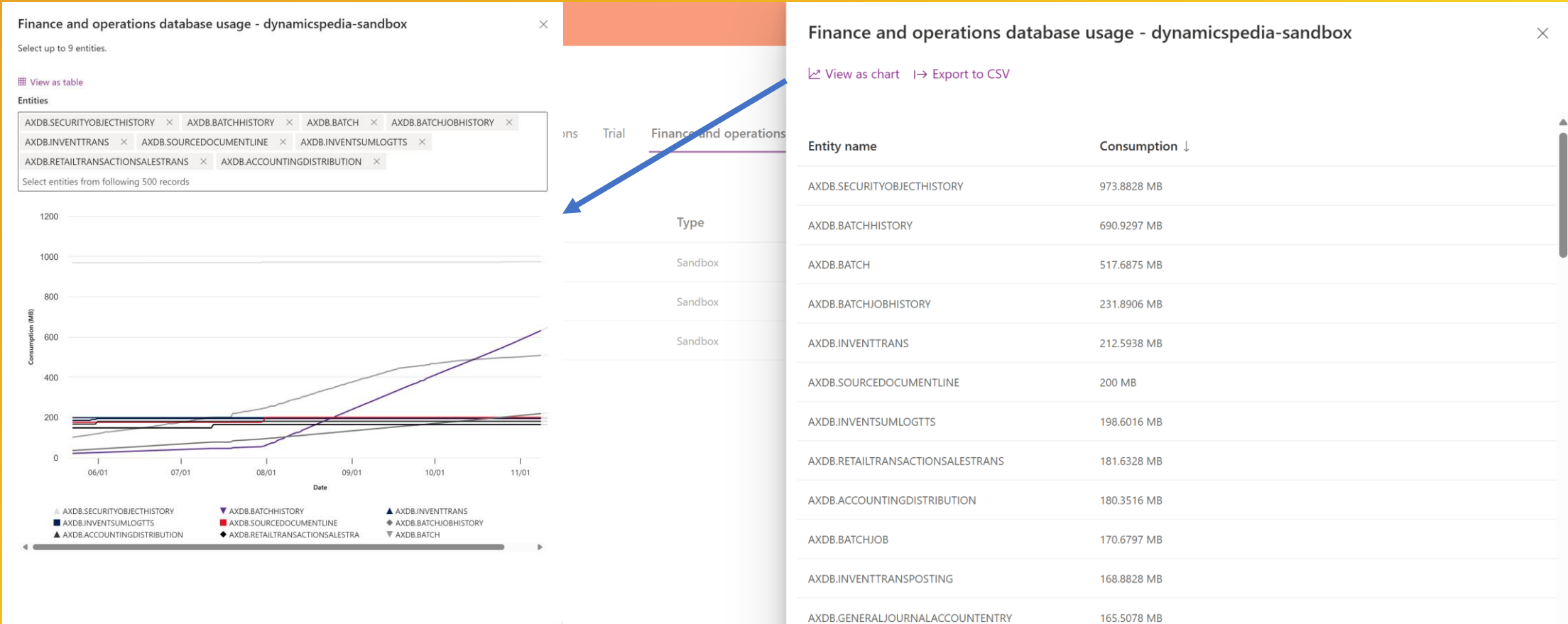
Export to CSV (summary & detail)

A		B	C	D	E	F	G				
TenantId		UserEmail	UserId	RequiredLicense(s)	AssignedLicense(s)	MissingLicense(s)	RefreshedOn				
b7de5333-0b5f-43d8-ac64-b2229a38a281		NANCY@ynamicspedia.com	5bcbc4cc-1884-4496-bf1b-278a7ce6f8f3	SupplyChainManagement	-	SupplyChainManagement	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		TIML@ynamicspedia.com	edd71657-e643-4fa9-92a2-1cc89a1c663	TeamMember	-	TeamMember	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		EMMAH@ynamicspedia.com	70d517ee-b281-4267-9c0c-969eef7a4342	SupplyChainManagement	-	SupplyChainManagement	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		LARS@ynamicspedia.com	04144700-f578-4816-8acc-301c92840443	SupplyChainManagement	-	SupplyChainManagement	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		MARIE@ynamicspedia.com	05ef8cb9-dc79-457c-985f-87653de80f8f	Commerce,SupplyChainManagement	-	Commerce,SupplyChainManagement	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		APRIL@ynamicspedia.com	e5bf1efa-fc93-4aad-923f-bfec6a9b90f8	Finance	-	Finance	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		BENJAMIN@ynamicspedia.com	e13b574e-8fbf-44ef-bd4f-1fde486c5995	SupplyChainManagement	SupplyChainManagementPremium	-	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		KEVIN@ynamicspedia.com	414de5bc-3b6d-44c9-8c8f-0ba715193c0c	Finance,SupplyChainManagement	Finance	SupplyChainManagement	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		BrunoD@ynamicspedia.com	74342a39-791a-480d-8436-e605890b9c95	TeamMember	-	TeamMember	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		REBECCA@ynamicspedia.com	73b7f0e5-9608-4748-be14-099b64034ef8	TeamMember	-	TeamMember	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		JanetS@ynamicspedia.com	a342595c-dc65-45a3-a80c-65321c6ce3b0	Finance,ProjectOperations	-	Finance,ProjectOperations	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		JACOB@ynamicspedia.com	d492c3df-3345-4301-9196-940117a1306b	HumanResources	-	HumanResources	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		RICARDO@ynamicspedia.com	05b003e7-6124-48ff-9137-1db6f852b282	SupplyChainManagement	-	SupplyChainManagement	2025-11-16T16:03:22.602Z				
A		B	C	D	E	F	G	H	I		
TenantId		EnvironmentId	EnvironmentName	EnvironmentType	UserEmail	UserId	SecurityRole	RequiredLicense	AssignedLicense(s)	RefreshedOn	
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-demo	OnlineDev	CHARLIE@ynamicspedia.com	1a753f35-3300-4c04-b5cf- Chief executive officer	Not Applicable (Operations - Activity)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-demo	Production	CHARLIE@ynamicspedia.com	1a753f35-3300-4c04-b5cf- Manager	None	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-dev	OnlineDev	CHARLIE@ynamicspedia.com	1a753f35-3300-4c04-b5cf- Chief executive officer	Not Applicable (None)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-demo	OnlineDev	NANCY@ynamicspedia.com	5bcbc4cc-1884-4496-bf1f- Transportation coordinator	Not Applicable (Supply Chain Management)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-dev	OnlineDev	NANCY@ynamicspedia.com	5bcbc4cc-1884-4496-bf1f- System user	Not Applicable (None)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-sandbox	Sandbox	NANCY@ynamicspedia.com	5bcbc4cc-1884-4496-bf1f- System user	Not Applicable (None)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-dev	OnlineDev	NANCY@ynamicspedia.com	5bcbc4cc-1884-4496-bf1f- Sales representative	Not Applicable (None)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-dev	OnlineDev	TIML@ynamicspedia.com	edd71657-e643-4fa9-92a2- Employee	Not Applicable (Team Members)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-prod	Production	TIML@ynamicspedia.com	edd71657-e643-4fa9-92a2- (DynPed) Purchase requisitions	Team Members	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-demo	OnlineDev	TIML@ynamicspedia.com	edd71657-e643-4fa9-92a2- Employee	Not Applicable (Team Members)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-prod	Production	EMMAH@ynamicspedia.com	70d517ee-b281-4267-9c0f- Retail store manager	None	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-dev	OnlineDev	EMMAH@ynamicspedia.com	70d517ee-b281-4267-9c0f- Sales manager	Not Applicable (Supply Chain Management)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-sandbox	Sandbox	EMMAH@ynamicspedia.com	70d517ee-b281-4267-9c0f- Shop supervisor	Not Applicable (None)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-demo	OnlineDev	EMMAH@ynamicspedia.com	70d517ee-b281-4267-9c0f- Employee	Not Applicable (None)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-dev	OnlineDev	EMMAH@ynamicspedia.com	70d517ee-b281-4267-9c0f- Manager	Not Applicable (None)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-sandbox	Sandbox	MARIE@ynamicspedia.com	05ef8cb9-dc79-457c-985f- Employee	Not Applicable (None)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-dev	OnlineDev	MARIE@ynamicspedia.com	05ef8cb9-dc79-457c-985f- Retail service	Not Applicable (Commerce)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-demo	OnlineDev	MARIE@ynamicspedia.com	05ef8cb9-dc79-457c-985f- Manager	Not Applicable (None)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-dev	OnlineDev	MARIE@ynamicspedia.com	05ef8cb9-dc79-457c-985f- System user	Not Applicable (None)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-sandbox	Sandbox	MARIE@ynamicspedia.com	05ef8cb9-dc79-457c-985f- System user	Not Applicable (None)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-prod	Production	APRIL@ynamicspedia.com	e5bf1efa-fc93-4aad-923f- Employee	None	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-sandbox	Sandbox	JOHN@ynamicspedia.com	d7084222-1e49-41f7-ac6f- Warehouse worker	Not Applicable (Operations - Activity)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-dev	OnlineDev	JOHN@ynamicspedia.com	d7084222-1e49-41f7-ac6f- System user	Not Applicable (None)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-demo	OnlineDev	JOHN@ynamicspedia.com	d7084222-1e49-41f7-ac6f- Employee	Not Applicable (None)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-prod	Production	JOHN@ynamicspedia.com	d7084222-1e49-41f7-ac6f- System user	Not Applicable (None)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-dev	OnlineDev	BENJAMIN@ynamicspedia.com	e13b574e-8fbf-44ef-bd4f- Sales manager	None	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-demo	OnlineDev	BENJAMIN@ynamicspedia.com	e13b574e-8fbf-44ef-bd4f- System user	Not Applicable (None)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-dev	OnlineDev	BENJAMIN@ynamicspedia.com	e13b574e-8fbf-44ef-bd4f- Sales manager	Not Applicable (None)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-sandbox	Sandbox	BENJAMIN@ynamicspedia.com	e13b574e-8fbf-44ef-bd4f- Employee	Not Applicable (None)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-sandbox	Sandbox	REBECCA@ynamicspedia.com	73b7f0e5-9608-4748-be14- Employee	Not Applicable (Team Members)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-prod	Production	REBECCA@ynamicspedia.com	73b7f0e5-9608-4748-be14- Employee	None	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-sandbox	Sandbox	REBECCA@ynamicspedia.com	73b7f0e5-9608-4748-be14- System user	Not Applicable (None)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-demo	OnlineDev	JACOB@ynamicspedia.com	d492c3df-3345-4301-9196- System user	Not Applicable (None)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-sandbox	Sandbox	RICARDO@ynamicspedia.com	05b003e7-6124-48ff-9137- Quality control clerk	Not Applicable (None)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-prod	Production	RICARDO@ynamicspedia.com	05b003e7-6124-48ff-9137- Quality control manager	Supply Chain Management	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-sandbox	Sandbox	RICARDO@ynamicspedia.com	05b003e7-6124-48ff-9137- System user	Not Applicable (None)	2025-11-16T16:03:22.602Z				
b7de5333-0b5f-43d8-ac64-b2229a38a281		72587704-a340-e7a8-8092-dynamicspedia-dev	OnlineDev	GRACE@ynamicspedia.com	efe8e1dd-d969-4265-bd4f- Training manager	Not Applicable (Human Resources)	2025-11-16T16:03:22.602Z				





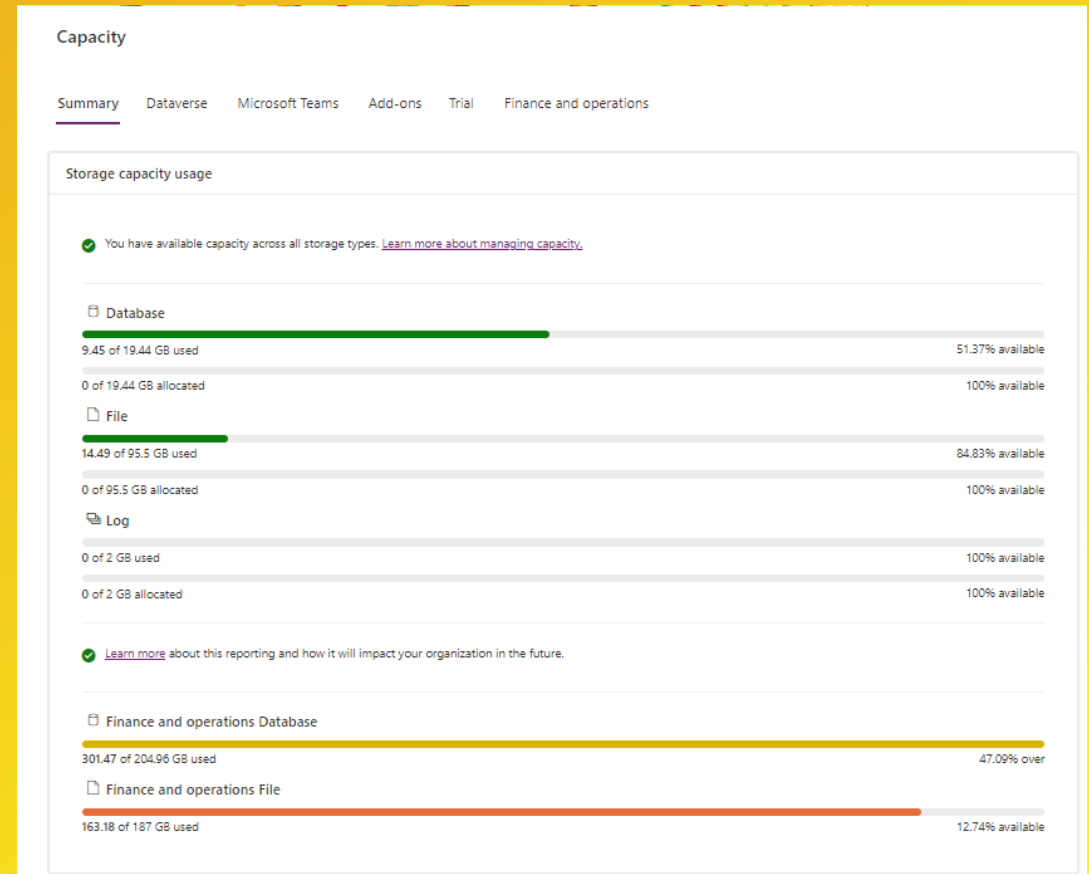
Storage consumption





Over consumption alert

- Client databases too large
- Database and file capacity SKUs
- Options to prevent buying additional storage capacity?





PPAC reporting User license consumption



User Security Governance



Finance and Operations Preview

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AA

Feature management

Do not enable new features automatically

New

Not enabled

Scheduled

All

Filter

Name		Status	Enable date	Added	Feature state	Module	Type
User security governance license usage summary report		✓	4/15/2025	4/14/2025		System administration	Feature
User security governance		✓	1/29/2025	1/29/2025		System administration	Feature

New

Not enabled

Scheduled

All

1

350

0

Enable all

Check for updates

User security governance

Added 1/29/2025

System administration

Learn more

This was enabled on 1/29/2025

Description

User security governance is a set of advanced features which provides useful tools to System administrators for role management, licenses auditing, enhanced audit trails and versioning, supported with some useful very useful reports around license usage, separation of duties violations etc.

Comments



License Usage Summary - User Role Licenses

Finance and Operations | System administration > Security > Security

Expand all Collapse ...

Workspaces

- System administration
- Data management
- Feature management
- Optimization advisor

Users

- Users
- Online users
- User groups
- Invalid users
- User requests

Security

- Assign users to roles
- Security configuration
- Security diagnostics for task recordings
- External roles
- Dormant user security accounts
- > Segregation of duties

Security governance

- Security process roles maintain
- Security analysis
- Licenses usage summary (preview)

System administration

- Tax
- Time and attendance
- Transportation management

License Usage Summary - User Role Licenses



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Updates typically take 2 to 8 hours to appear in reports. Allow time for changes to be processed.

Standard view

Licenses usage summary

User Role Licenses

Role licenses

Duty licenses

Privilege licenses

User ID	Telemetry ID	Enabled	Role name	License	License quantity
Adrian	{E31C078C-3DAB-429F-AC09-8508AA981515}	true	(DynPed) Project manager	Finance	1
Adrian	{E31C078C-3DAB-429F-AC09-8508AA981515}	true	(DynPed) Project manager	Project Operations	1
Adrian	{E31C078C-3DAB-429F-AC09-8508AA981515}	true	System user	None	0
Alfonso	{37854ED2-1038-401E-89F5-EEBD0C791EAF}	true	(DynPed) Purchasing agent	Supply Chain Management	1
Alfonso	{37854ED2-1038-401E-89F5-EEBD0C791EAF}	true	(DynPed) Vendor bank account	Commerce	0
Alfonso	{37854ED2-1038-401E-89F5-EEBD0C791EAF}	true	System user	None	0
ALICIA	{4F41A7E9-1331-44AF-ABE9-3DC2C9B6B7A8}	true	Budget clerk	Operations - Activity	0
ALICIA	{4F41A7E9-1331-44AF-ABE9-3DC2C9B6B7A8}	true	Buying agent	Operations - Activity	0
ALICIA	{4F41A7E9-1331-44AF-ABE9-3DC2C9B6B7A8}	true	Employee	Team Members	0

SKU Name	Record-ID	Securable type	AOT Name	AOT child name	AccessLevel	Entitled
Finance	481	Menu item display	CUSTOPENINVOICESDUETODAY...		Read	✓
Finance	481	Menu item output	PROJLISTPROJTABLE		Read	✓
Finance	481	Menu item action	MSSMYTEAMLEAVECALENDAR		Read	✓
Finance	481	Menu item display	GANTTWRKCTRJOBINFO		Read	✓
Finance	481	Menu item display	CUSTCOLLECTIONSOPENCUSTO...		Read	✓
Finance	481	Menu item display	CONTACTPERSONNEWEVENT		Write	✓
Finance	481	Menu item display	SMMEMAILDISTRIBUTION		Write	✓
Finance	481	Menu item action	SALESFORMLETTER_CONFIRMA...		Write	✓
Finance	481	Menu item display	SALESFORMLETTER_CONFIRMA...		Write	✓

LicensingUserDirectLicenseAssignments

LicensingRoleRequirementsDetailedView

License Usage Summary - Role Licenses



Finance and Operations

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Standard view * ▾

Licenses usage summary

User Role Licenses

Role licenses

Duty licenses

Privilege licenses

☐ Role name	☐ Role AOT name	Role description	SKU Name	Entitled	Not entitled
☐ Accountant	LEDGERACCOUNTANT	Documents accounting eve...	Commerce	3359	1556
Accountant	LEDGERACCOUNTANT	Documents accounting eve...	Finance	4915	0
Accountant	LEDGERACCOUNTANT	Documents accounting eve...	Finance Premium	4915	0
Accountant	LEDGERACCOUNTANT	Documents accounting eve...	Human Resources	3364	1551
Accountant	LEDGERACCOUNTANT	Documents accounting eve...	Human Resources Self Service	851	4064
Accountant	LEDGERACCOUNTANT	Documents accounting eve...	None	851	4064
Accountant	LEDGERACCOUNTANT	Documents accounting eve...	Operations - Activity	3347	1568
Accountant	LEDGERACCOUNTANT	Documents accounting eve...	Project Operations	3379	1536
Accountant	LEDGERACCOUNTANT	Documents accounting eve...	Supply Chain Management	3404	1511

☐ Securable type	☐ AOT Name	AOT child name	AccessLevel	Entitled	Not entitled	Not required
☐ Menu item display	ABATEMENTCERTIFICATE_IN		Write	✓		
Menu item display	ACCOUNTANT_BR		Write		✓	
Menu item display	ACCOUNTANTELECTRONICADD...		Write		✓	
Menu item display	ACCOUNTANTELECTRONICADD...		Write		✓	
Menu item display	ACCOUNTANTPOSTALADDRESS...		Write		✓	
Menu item display	ACCOUNTANTPOSTALADDRESS...		Write		✓	
Menu item display	ACCOUNTINGDISTBANKSTATE...		Write		✓	
Menu item display	ACCOUNTINGDISTCUSTFREEIN...		Read	✓		
Menu item display	ACCOUNTINGDISTCUSTINVJOUR		Read	✓		
Menu item display	ACCOUNTINGDISTMARKUPTRA		Read	✓		

License Usage Summary - Duty Licenses



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Standard view * ▾

Licenses usage summary

User Role Licenses

Role licenses

Duty licenses

Privilege licenses

☐	Duty name		Duty identifier	Duty description	SKU Name		Entitled	Not entitled	Not required	
	Approve vendor invoices		VENDINVOICEVENDORINVOICE...	Approve vendor invoices	Commerce		65	0	0	
	Approve vendor invoices		VENDINVOICEVENDORINVOICE...	Approve vendor invoices	Finance		65	0	0	
	Approve vendor invoices		VENDINVOICEVENDORINVOICE...	Approve vendor invoices	Human Resources		65	0	0	
	Approve vendor invoices		VENDINVOICEVENDORINVOICE...	Approve vendor invoices	Human Resources Self Service		7	58	0	
	Approve vendor invoices		VENDINVOICEVENDORINVOICE...	Approve vendor invoices	None		7	58	0	
	Approve vendor invoices		VENDINVOICEVENDORINVOICE...	Approve vendor invoices	Operations - Activity		65	0	0	
	Approve vendor invoices		VENDINVOICEVENDORINVOICE...	Approve vendor invoices	Project Operations		65	0	0	
	Approve vendor invoices		VENDINVOICEVENDORINVOICE...	Approve vendor invoices	Supply Chain Management		65	0	0	
☒	Approve vendor invoices		VENDINVOICEVENDORINVOICE...	Approve vendor invoices	Team Members		65	0	0	

☐	Securable type	↑	AOT Name	AOT child name	AccessLevel	Entitled	Not entitled	Not required	
☒	Menu item display		BUDGETCHECKRESULTPREVIEW		Read	✓			
	Menu item display		BUDGETCHECKRESULTS		Read	✓			
	Menu item display		LEDGERJOURNALSPLITPOSTING...		Write	✓			
	Menu item display		LEDGERJOURNALTABLE4		Write	✓			
	Menu item display		LEDGERJOURNALTABLE9		Read	✓			
	Menu item display		LEDGERJOURNALTRANSINVOIC...		Write	✓			
	Menu item display		LEDGERJOURTRANSDIMLEDGER...		Write	✓			
	Menu item display		LEDGERJOURTROFFDIMLEDGER...		Write	✓			
	Menu item display		PURCHINVOICEMATCHINGDETA...		Read	✓			
	Menu item display		TAXINWORKLEDGERJOURNAL		Write	✓			

License Usage Summary - Privilege Licenses



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AD

Standard view * ▾

Licenses usage summary

User Role Licenses

Role licenses

Duty licenses

Privilege licenses

☐	Privilege name	Privilege identifier	Privilege description	SKU Name	Entitled	Not entitled	Not required	
	Maintain vendors	VENDTABLEMAINTAIN		Commerce	63	0	0	
	Maintain vendors	VENDTABLEMAINTAIN		Finance	63	0	0	
	Maintain vendors	VENDTABLEMAINTAIN		Human Resources	45	18	0	
	Maintain vendors	VENDTABLEMAINTAIN		Human Resources Self Service	9	54	0	
	Maintain vendors	VENDTABLEMAINTAIN		None	9	54	0	
☒	Maintain vendors	VENDTABLEMAINTAIN		Operations - Activity	45	18	0	
	Maintain vendors	VENDTABLEMAINTAIN		Project Operations	45	18	0	
	Maintain vendors	VENDTABLEMAINTAIN		Supply Chain Management	63	0	0	
	Maintain vendors	VENDTABLEMAINTAIN		Team Members	43	20	0	

☐	Securable type	AOT Name	AOT child name	Access level	Entitled	Not entitled	Not required	
☐	Menu item display	CASHACCOUNTINGREGIME_ES		Write	✓			
	Menu item display	CONTACTPERSONNEW		Write	✓			
	Menu item display	CONTACTPERSONRELATEDINFO...		Write	✓			
	Menu item display	EPVENDTABLEEDIT		Write		✓		
	Menu item display	EPVENDTABLEINFO		Read	✓			
	Menu item display	EPVENDTABLELIST		Write	✓			
	Menu item display	LOGISTICSLOCATIONDEFAULT		Write	✓			
	Menu item display	LOGISTICSPOSTALADDRESSEDIT		Write	✓			
	Menu item display	LOGISTICSPOSTALADDRESSNEW		Write	✓			

Duplicate a security role with a license filter



Security configuration

Roles Duties Privileges Unpublished objects (0)

Undo Redo Create new Show all levels Delete Duplicate Copy View permissions Audit trail

Roles

(Preview) Supplier Communications Agent
Account reconciliation agent
Accountant
Accounting manager
Accounting supervisor
Accounts payable centralized payments clerk
Accounts payable clerk
Accounts payable manager
Accounts payable payments clerk
Accounts payable positive payment clerk
Accounts receivable centralized payments clerk
Accounts receivable clerk
Accounts receivable manager
Accounts receivable payments clerk
Applicant anonymous (external)
Auditor
Batch job manager
Benefits management assistant

ACCOUNTS PAYABLE CLERK

Description

Documents vendor invoice events and responds to vendor inquiries

AOT name

VendInvoiceAccountsPayableClerk

Security policy context string

References

Duties +
Parent roles
Privileges +
Sub roles
Tables +

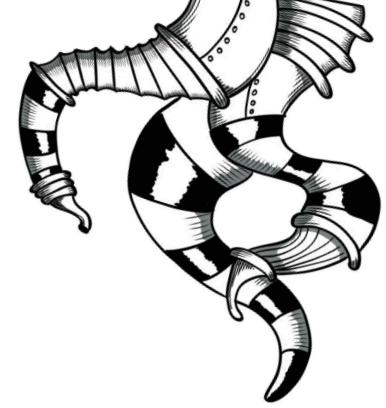


User security governance

Optimize security role



Best Practices



- Check Security Role assignments and permissions against job descriptions.
- Check Security Role assignments and permissions against actual application usage.
- Consider infrequent usage needs to be removed and handled by other departments or users.
 - Consider Read-Only access.
- One option is to make sure all roles only require one license and break up monolithic roles into several roles.
 - Consider maintenance of roles and role assignments.
- Use built-in service user roles for service accounts, exempt from license validation.
- Avoid assigning broad composite roles “for convenience.”
- Apply the principle of least privilege whenever possible.
- Separate inquiry, approval, and maintenance responsibilities where possible.
- Regularly review temporary and emergency access assignments.



Security teams and licensing teams

Organizational Challenge

- Security managed by IT
- Licensing managed by procurement/vendor teams
- Functional roles managed by consultants
- Customizations managed by developers

Result:

- nobody sees the full picture

Role Explosion Problem

- copied roles
- inherited privileges
- no ownership
- no cleanup
- impossible license visibility

Result:

- uncontrolled licensing growth



Released licensing enhancements

- Entra ID group users included in the report
- Metadata updates for incorrect licensing calculations (Team member and Operations – Activity alignment)
- Manage Correct and Invoke permissions via the user interface
- Role copy to license type via Security configuration



New Security configuration features





Dynamics 365 F&O Licensing Automation

- **What:** Power Automate flows for automatic license assignment
- **Why:** Manual assignment is cumbersome
 - Not always clear what roles will be assigned at user creation
 - Actual security role assignments determine the license
 - Saves a lot of time compared to manual assignments
- **Where:** <https://dynamicspedia.com/license-automation>
- **No cost:** Free to download, use, and share with a MIT license
- Please provide feedback for future versions of the solution





License assignment automation





License compliance guidance

- **Understand licensing requirements**

Review the licensing model for clarity on how security roles, duties, and privileges map to license types.

- **Review User Role and License Mapping**

Use the Power Platform admin center or Dynamics Lifecycle Services reporting to generate a high-level summary of active users and respective license requirements.

- **Role to license optimization & optimizing processes**

Use the License Usage Summary Report in Dynamics 365 Finance and Operations to identify opportunities to optimize user role assignments by removing unnecessary entitlements or permissions.

- **Assign licenses in Microsoft 365 Admin Center**

Provision and assign the appropriate licenses to users in the Microsoft 365 Admin Center, ensuring they match the license types mapped in the reports. If needed, make reservations or place supplemental orders for additional licenses.



Capacity optimization plan

Reduce database and file storage

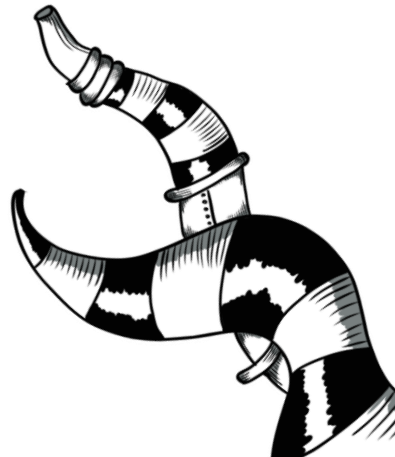
- Remove redundant environments
- Clear logs & transactions in non-production environment (Transactionless copy)
- Identify the largest tables
- Enable clean-up jobs
- Archive data
- Enable specific features related to data model changes
- Review customizations
- Other data and settings

Entity name	Consumption ↓
AXDB.LEDGERJOURNALTRANS	214490.3 MB
AXDB.BATCHHISTORY	150508.2 MB
AXDB.GENERALJOURNALACCOUNTENTRY	140807.5 MB
AXDB.CREDITCARDAUTHTRANS	131288.4 MB
AXDB.RETAILTRANSACTIONPAYMENTTRANS	128101.4 MB
MRDB.Fact	76108.46 MB
AXDB.GENERALJOURNALENTY	73540.85 MB
AXDB.ASSETTRANS	43148.7 MB
AXDB.SUBLEDGERVOUCHERGENERALJOURNALENTY	40239.54 MB
AXDB.LEDGERJOURNALTRANS_ASSET	33539.64 MB
AXDB.INVENTTRANS	32180.63 MB
AXDB.RETAILTRANSACTIONSALESTRANS	31229.9 MB
AXDB.SALESLINE	23728.33 MB
AXDB.RETAILTRANSACTIONTABLE	20792.59 MB
AXDB.DIMENSIONATTRIBUTEVALUECOMBINATION	20638.58 MB
AXDB.CUSTINVOICETRANS	17966.23 MB

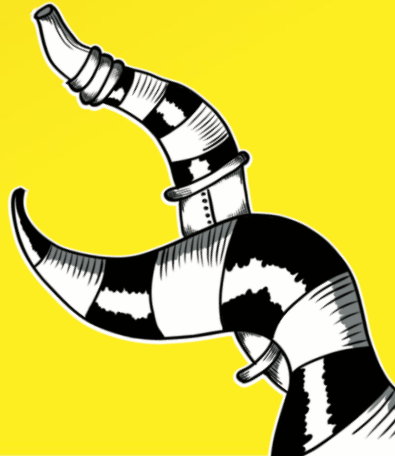


Resources & Recommended reads

- <https://go.microsoft.com/fwlink/?linkid=2319108>
- <https://www.microsoft.com/en-us/licensing/product-licensing/dynamics365>
- <https://www.microsoft.com/en-us/dynamics-365/blog/it-professional/2025/09/25/simplifying-license-management-dynamics-365-finance-operations/>
- <https://learn.microsoft.com/en-us/dynamics365/fin-ops-core/fin-ops/sysadmin/security-gov-license-usage-summary>
- <https://admin.powerplatform.microsoft.com/support/knownIssues>
(search in product category *Dynamics 365 Lifecycle Services*)
- <https://dynamicspedia.com/2025/05/help-user-license-enforcement-in-dynamics-365-fo/>
- <https://dynamicspedia.com/2025/07/dynamics-365-fo-license-enforcement-status-july-2025>
- <https://dynamicspedia.com/2025/08/dynamics-365-fo-last-minute-questions-on-license-enforcement/>
- <https://dynamicspedia.com/2025/11/dynamics-365-licensing-enforcement-advent-calendar/>
- <https://dynamicspedia.com/license-automation>
- <https://alexdmeyer.com/2021/01/25/current-state-of-d365fo-user-licensing/>
- <https://alexdmeyer.com/2025/06/25/updated-d365fsc-user-licensing-in-10-44/>
- https://www.fatihdemirci.net/index.php/2025/07/03/license_usage_summary_report/



Questions





THANK YOU!

Please evaluate the session in the [run.events](#) conference app