

POWER PLATFORM  
**BOOTCAMP**

# 5<sup>th</sup> GLOBAL POWER PLATFORM BOOTCAMP 2024

Organized Globally, Held Locally



POWER PLATFORM  
BOOTCAMP

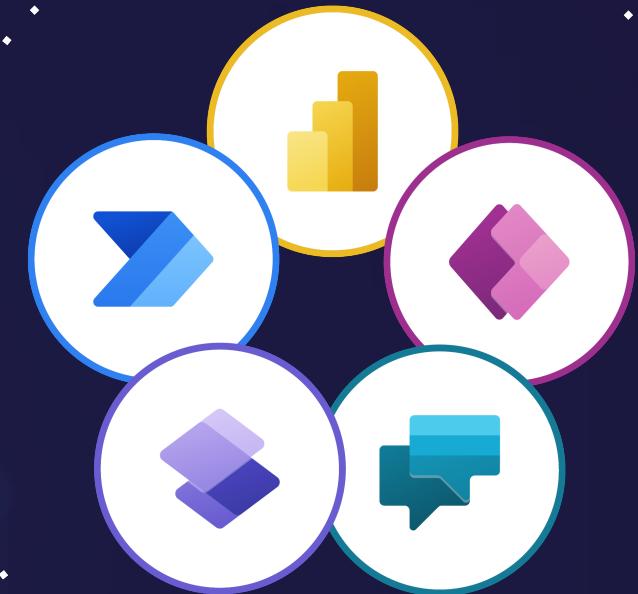


#GlobalPowerPlatformBootcamp  
#GPPB2024

# Power Platform Security

## Back to Basics

Nati Turtledove



POWER PLATFORM  
**BOOTCAMP**



#GlobalPowerPlatformBootcamp  
#GPPB2024

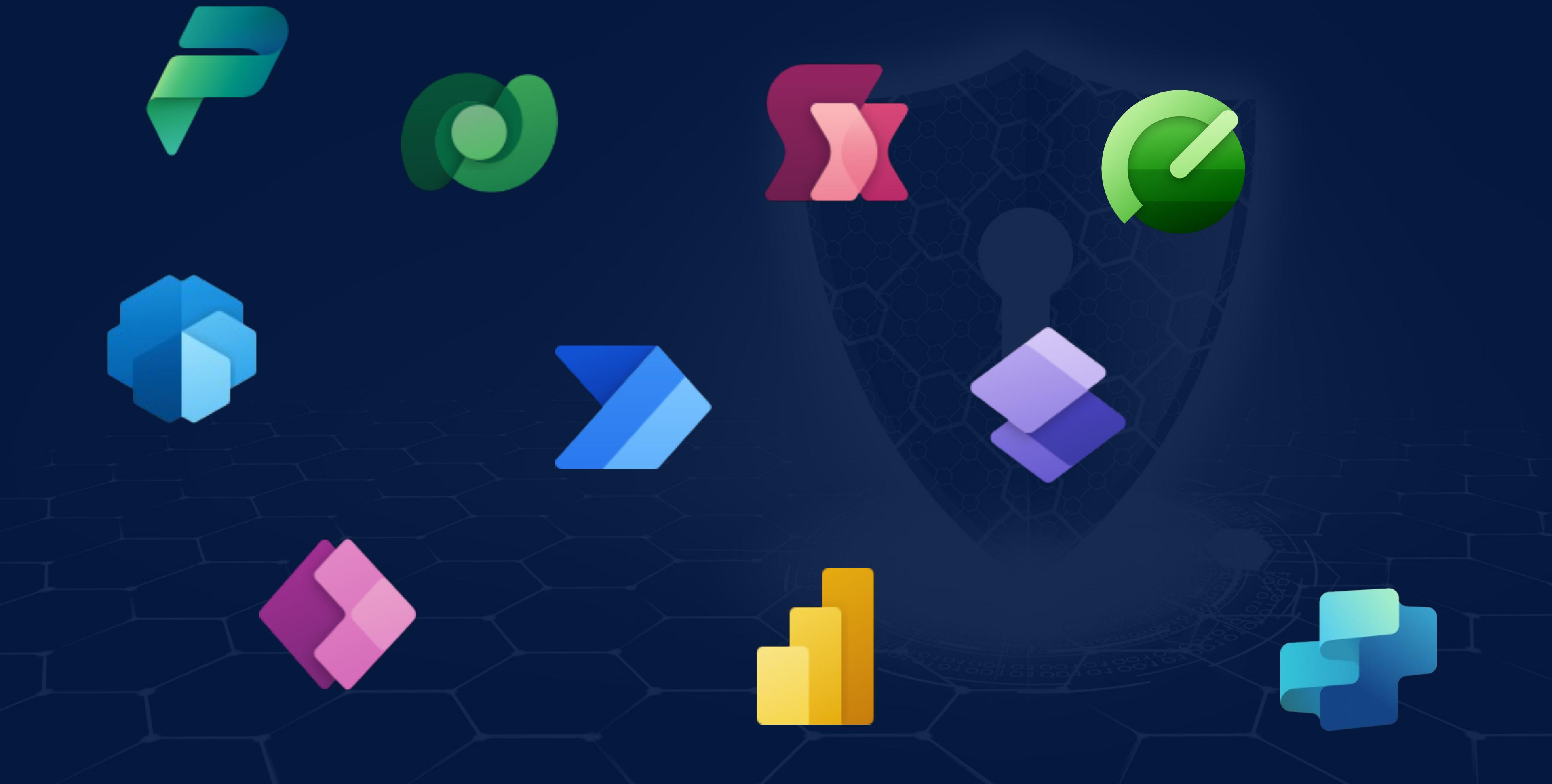
# Nati Turtledove

- 💻 Solutions Architect at CarePoint365
- ❤️ #LowCodeNoCode Enthusiast
- 🏆 11x Microsoft Certified
- 🇿🇦 Expat living in the 🇬🇧
- 🚀 All about #CommunityRocks



POWER PLATFORM  
BOOTCAMP

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#GPPB2024





# SECURITY CONCEPTS

 **Users**

 **Security Roles**

 **Business Units**

 **Teams**

 **Record Ownership**

 **Manager / Position Hierarchy**

 **Column Security Profiles**

 **Security Governance**

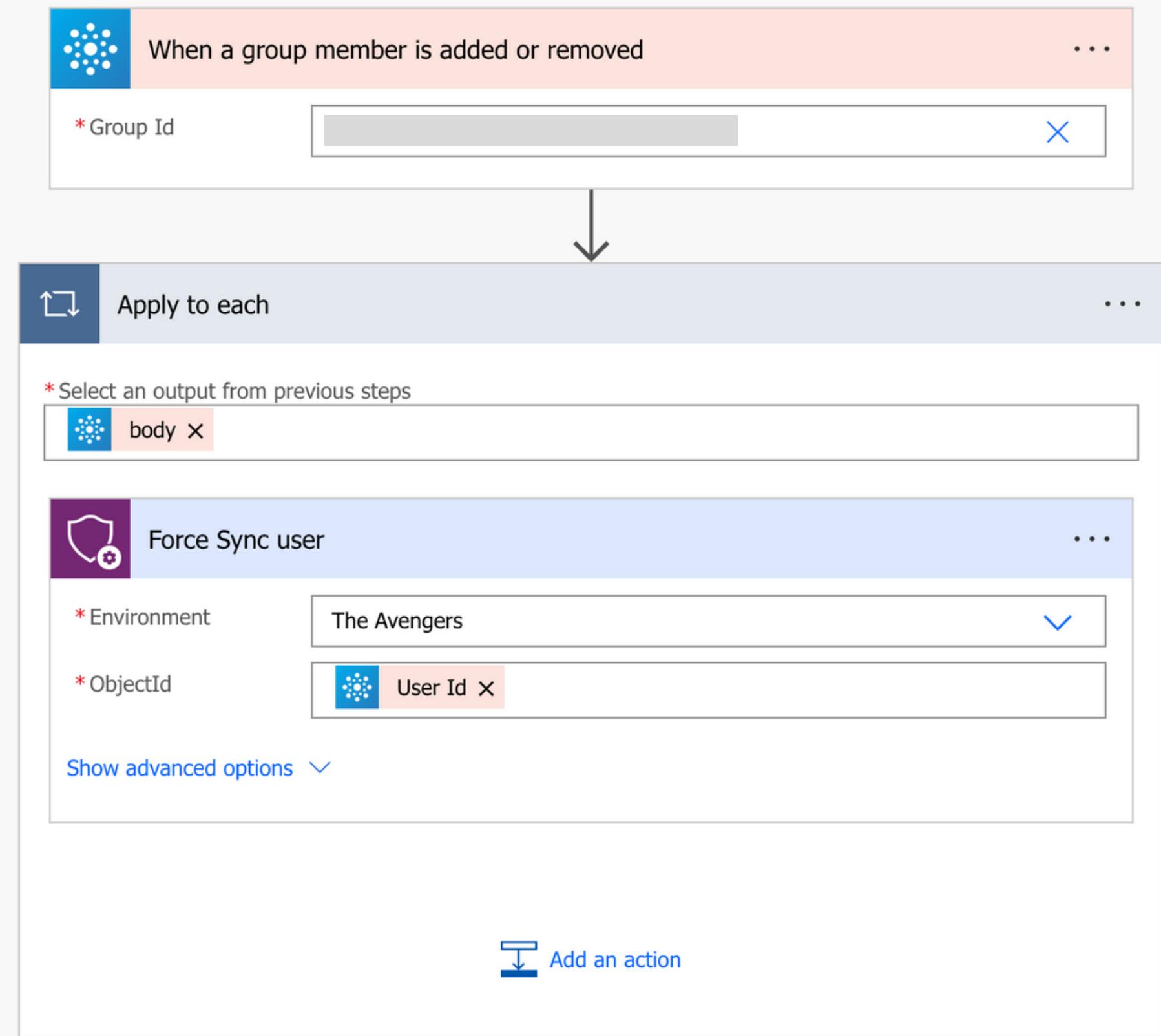


# ENVIRONMENT SECURITY GROUPS





# FORCE SYNC USER





# FORCE SYNC USER

When a group member is added or removed

\* Group Id

Apply to each

\* Select an output from previous steps

body

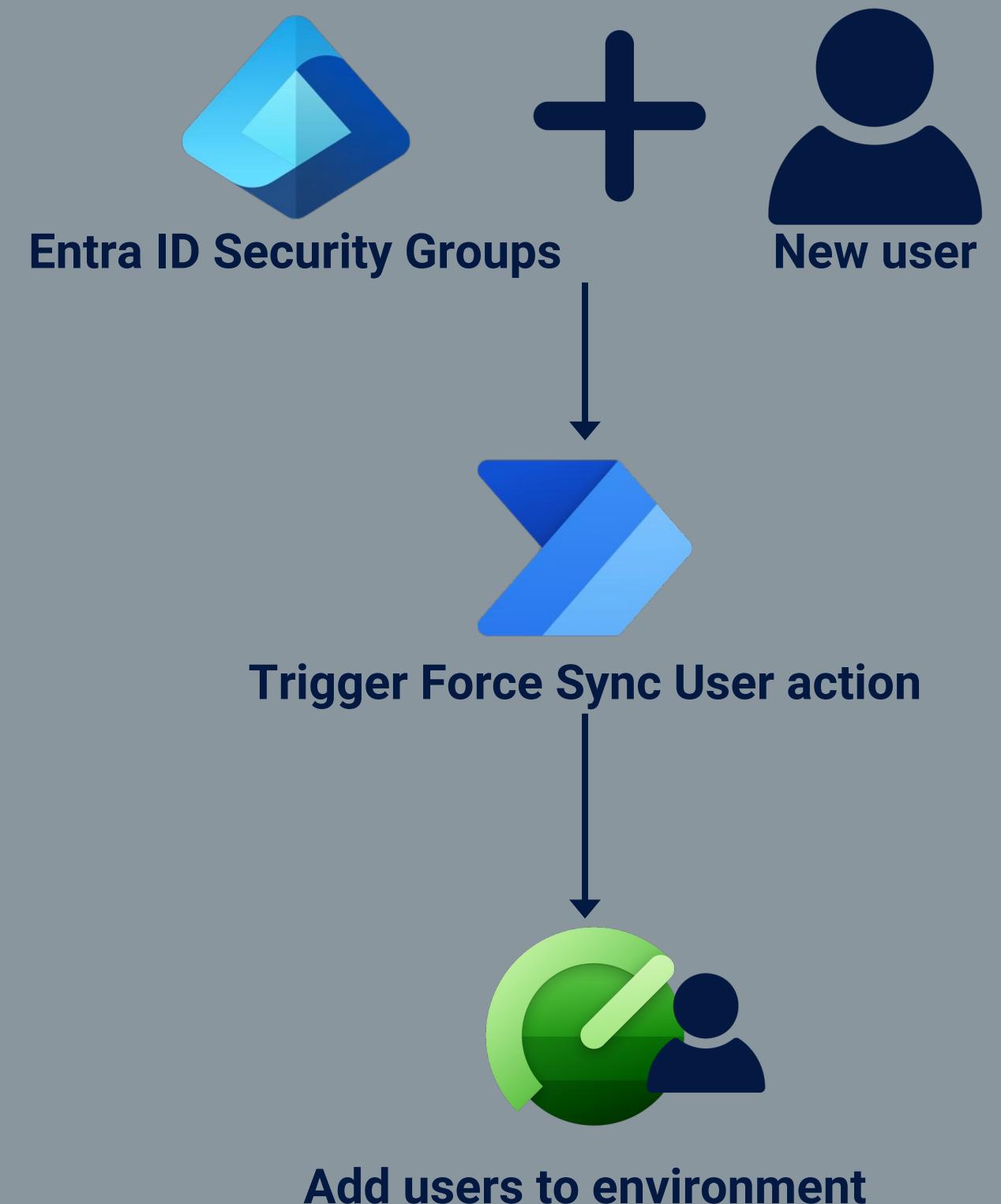
Force Sync user

\* Environment: The Avengers

\* ObjectId

Add an action

This screenshot shows a Power Automate flow consisting of three main steps. The first step is a trigger: "When a group member is added or removed". It has a required input field "Group Id". This triggers the second step, "Apply to each", which is indicated by a downward arrow. The "Apply to each" step has a required input field "Select an output from previous steps" containing the value "body". Finally, the third step is an action: "Force Sync user". It has two required inputs: "Environment" set to "The Avengers" and "ObjectId". At the bottom, there is a link to "Add an action".





# BUSINESS UNITS



**Child Business Unit**

Accounts
Customers
Sales
Purchase Orders
Inventory



**Parent Business Unit**

Accounts
Customers
Sales
Purchase Orders
Inventory



**Child Business Unit**

Accounts
Customers
Sales
Purchase Orders
Inventory



**Child Business Unit**



# BUSINESS UNITS



The Turtle Life



Shop A

Accounts
Customers
Sales
Purchase Orders
Inventory



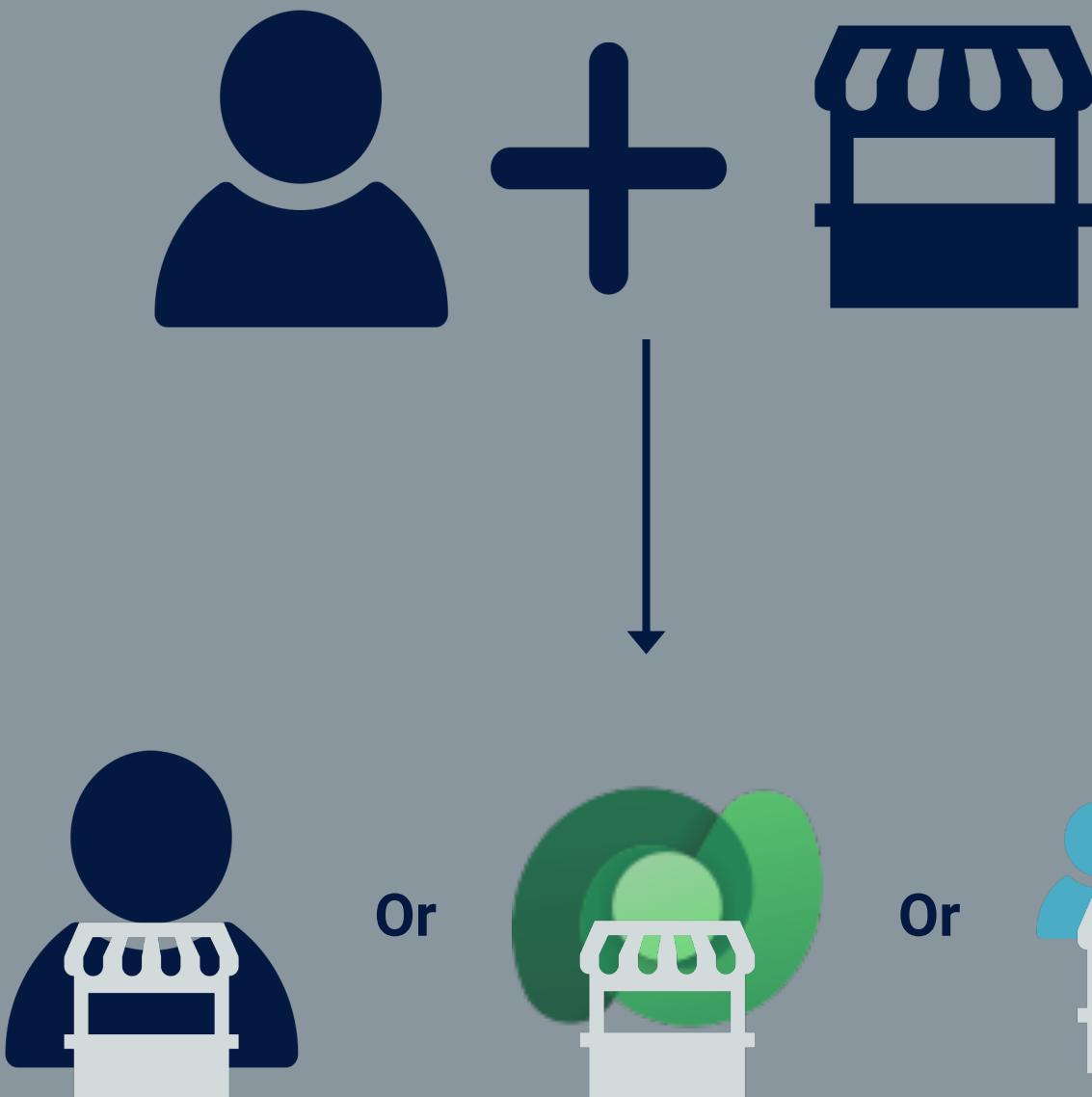
Shop B

Accounts
Customers
Sales
Purchase Orders
Inventory



Shop C

Accounts
Customers
Sales
Purchase Orders
Inventory





# BUSINESS UNITS



The Turtle Life



Shop A

Accounts
Customers
Sales
Purchase Orders



Shop B

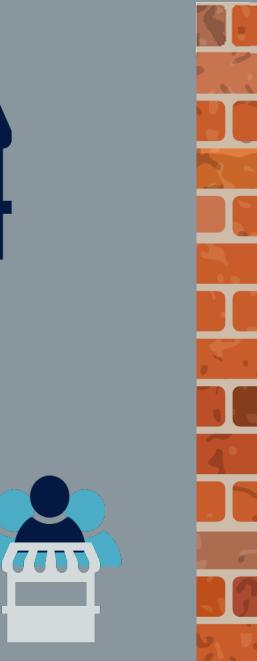
Accounts
Customers
Sales
Purchase Orders



Shop C

Accounts
Customers
Sales
Purchase Orders

Shop A



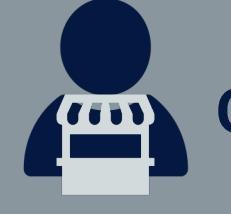
Or



Or



Shop B



Or

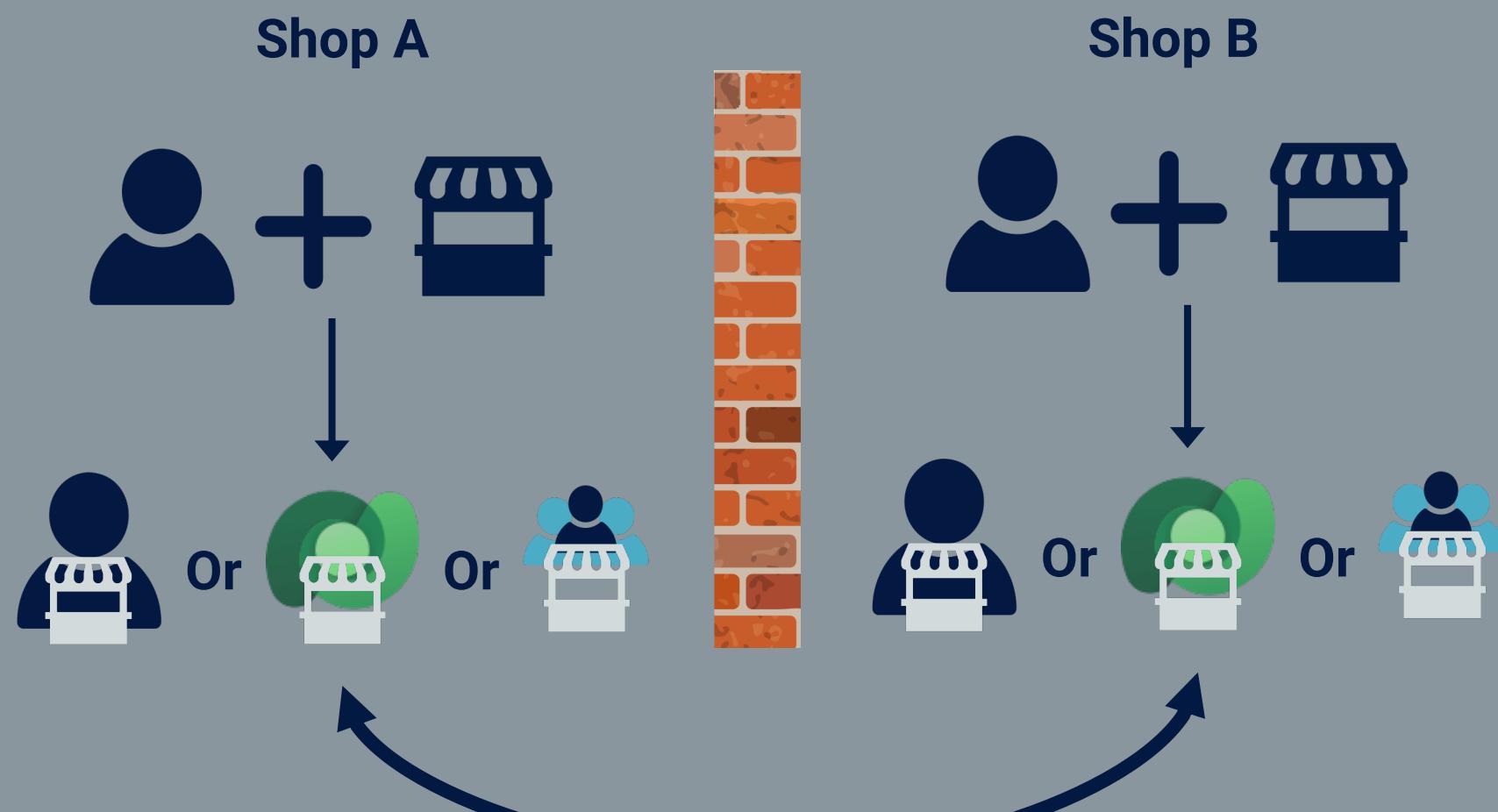
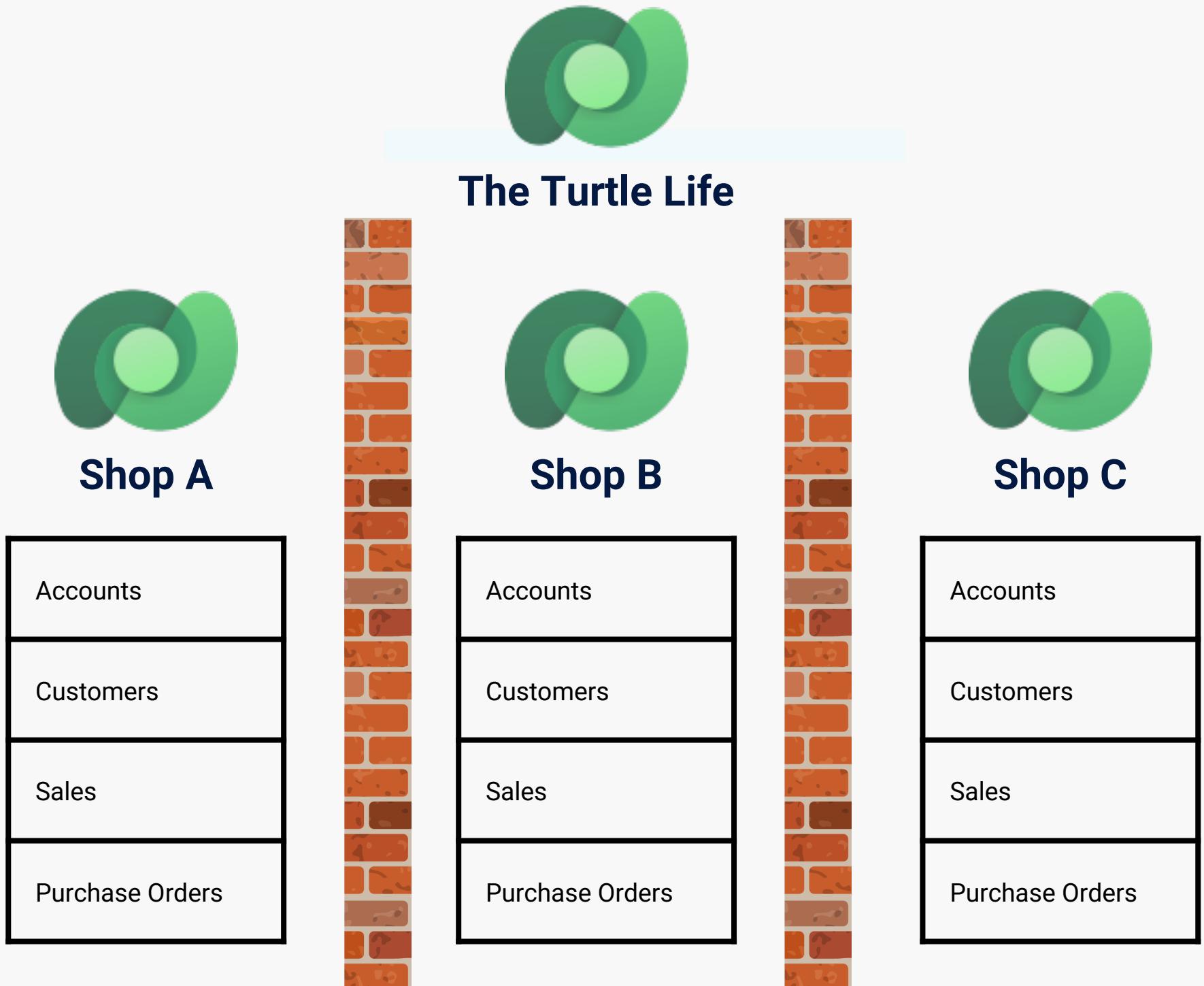


Or





# BUSINESS UNITS





# SECURITY ROLES



# PRINCIPLE OF LEAST PRIVILEGE (POLP)

- Limit user access to the minimum necessary.
- Grant minimal permissions for specific tasks.
- Group privileges into layers.
- Implement granular release layers.



# SALES SECURITY ROLE

TABLES	CREATE	READ	WRITE	DELETE	APPEND	APPEND TO	ASSIGN	SHARE
Customers								
Sales								
Purchase Orders								
Inventory								

## Role Privileges



ORGANISATION



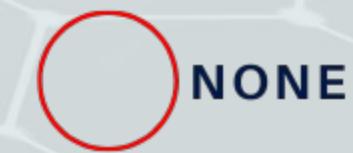
PARENT : CHILD  
BUSINESS UNIT



BUSINESS UNIT



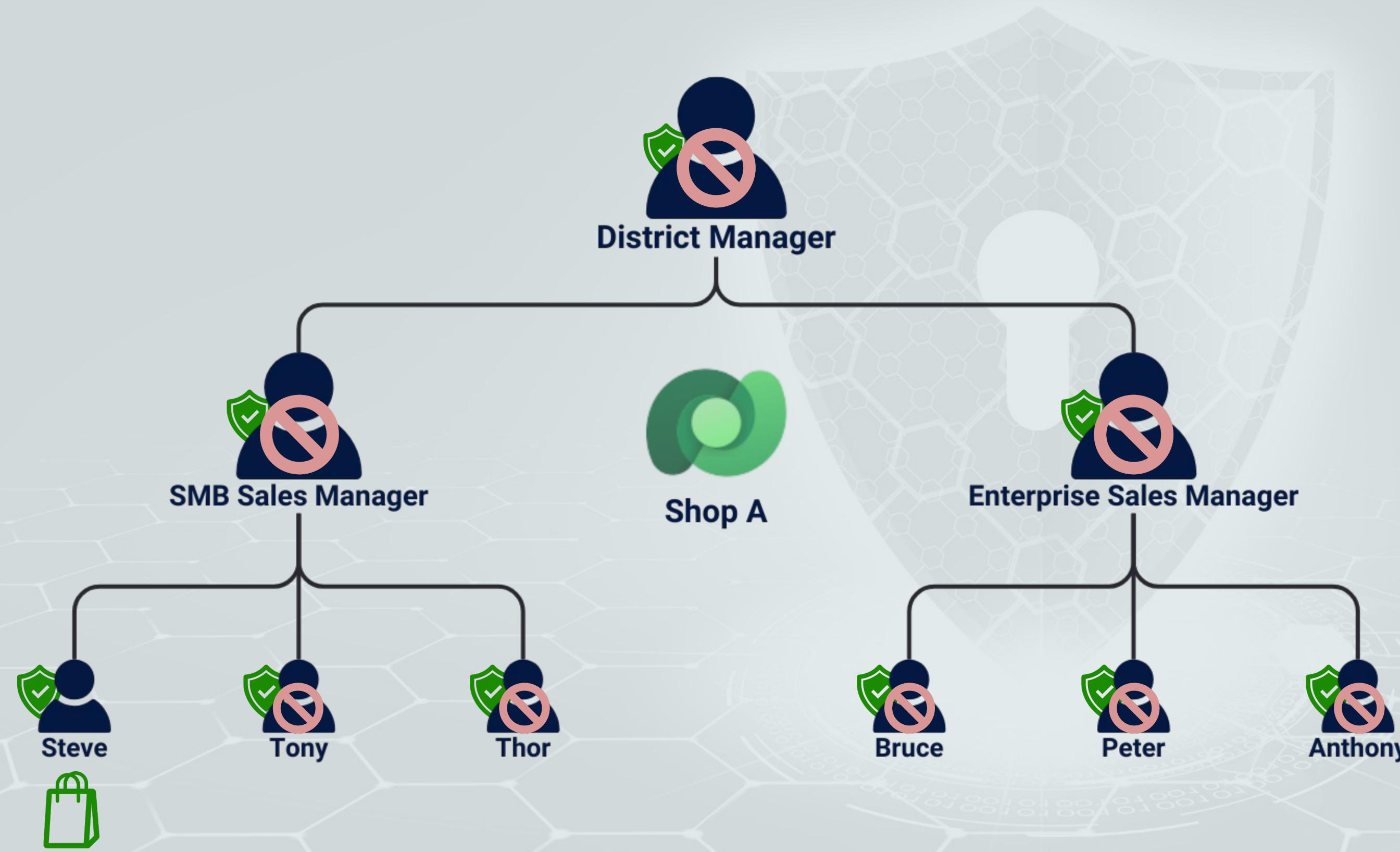
USER



NONE



# SALES SECURITY ROLE





# SALES SECURITY ROLE

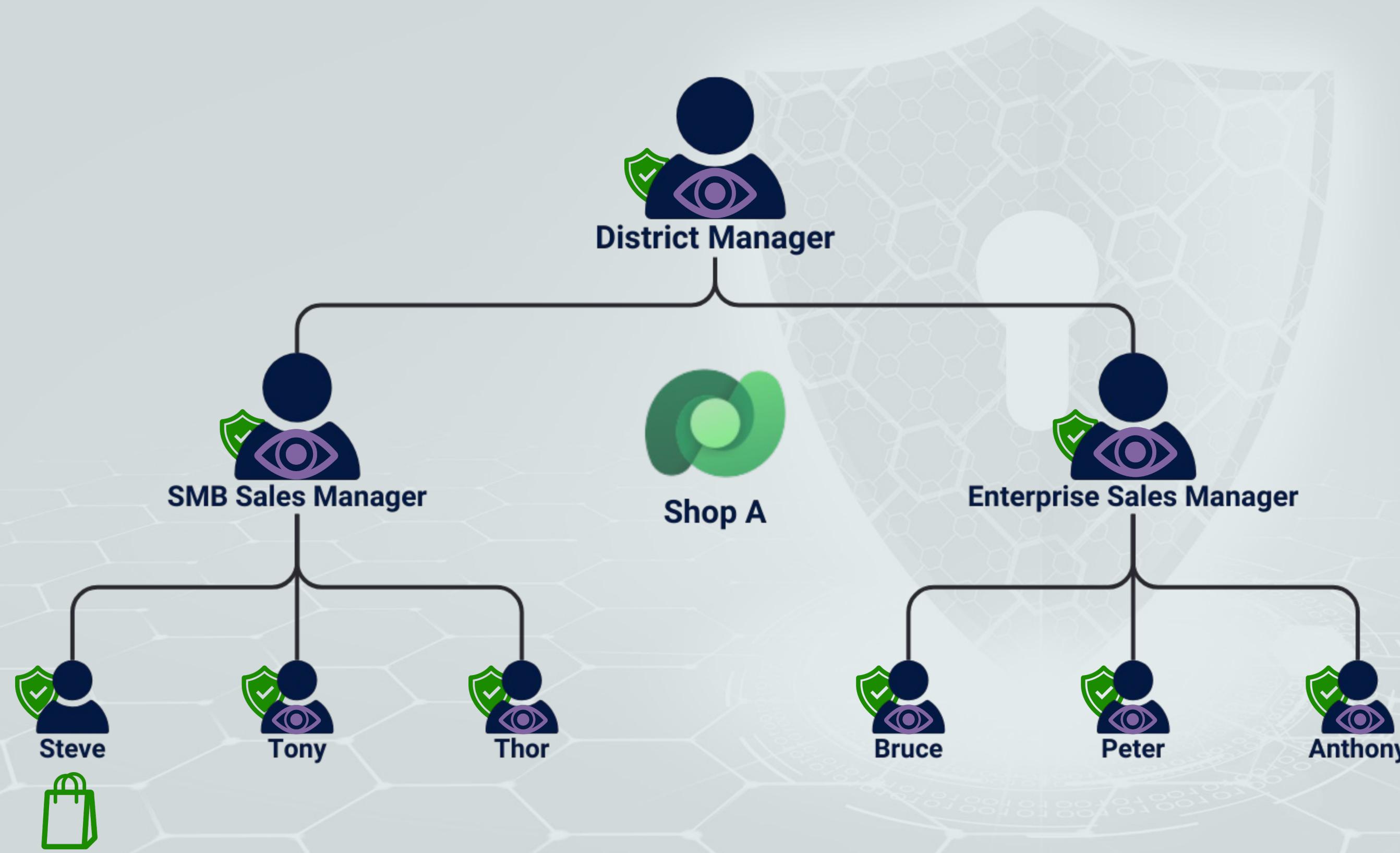
TABLES	CREATE	READ	WRITE	DELETE	APPEND	APPEND TO	ASSIGN	SHARE
Customers								
Sales								
Purchase Orders								
Inventory								

## Role Privileges



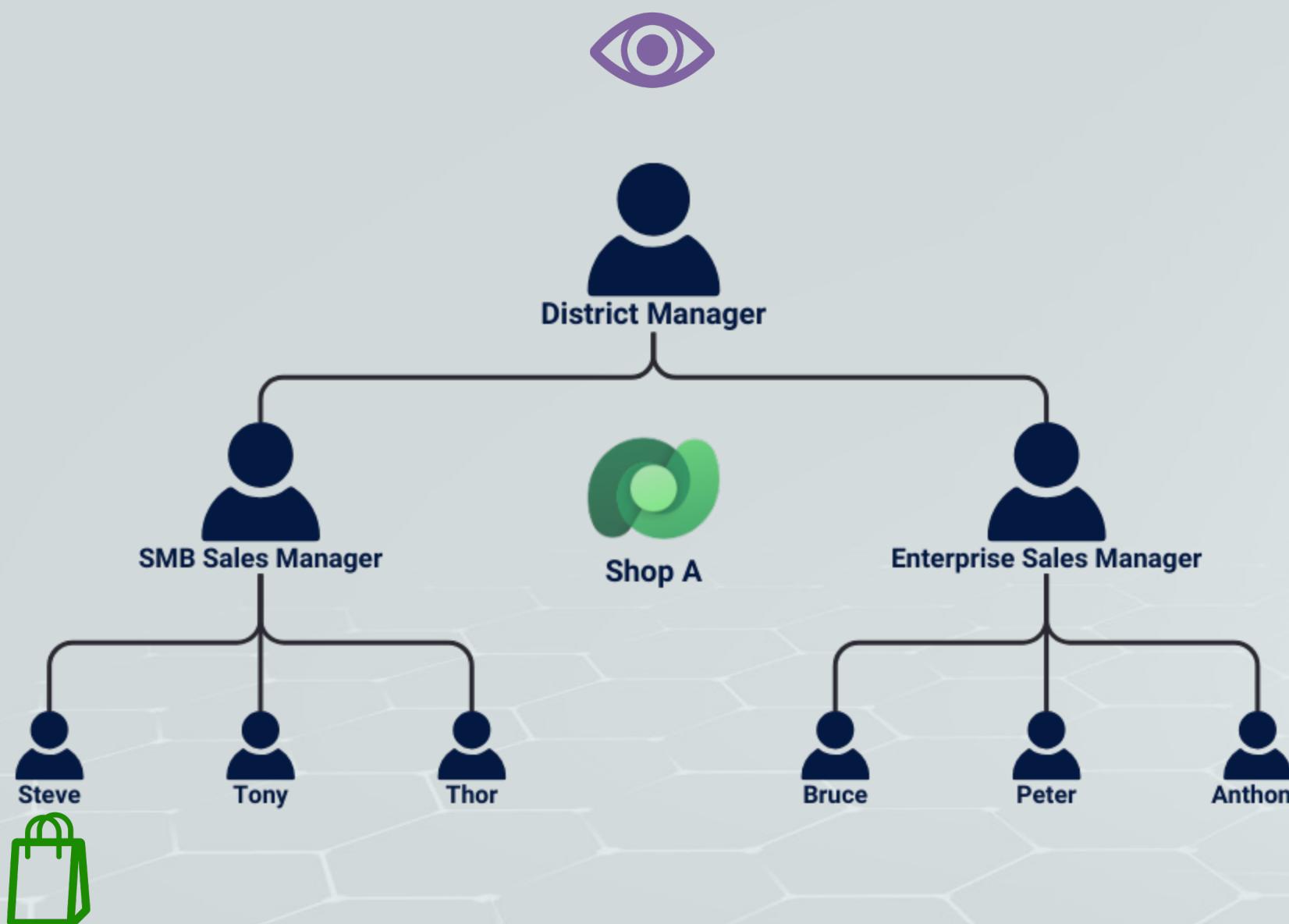


# SALES SECURITY ROLE





# SALES SECURITY ROLE





# HIERARCHY MODEL

- Configured per environment
- Not AAD driven
- Set access depth
- Aligned with selected table



# Manager

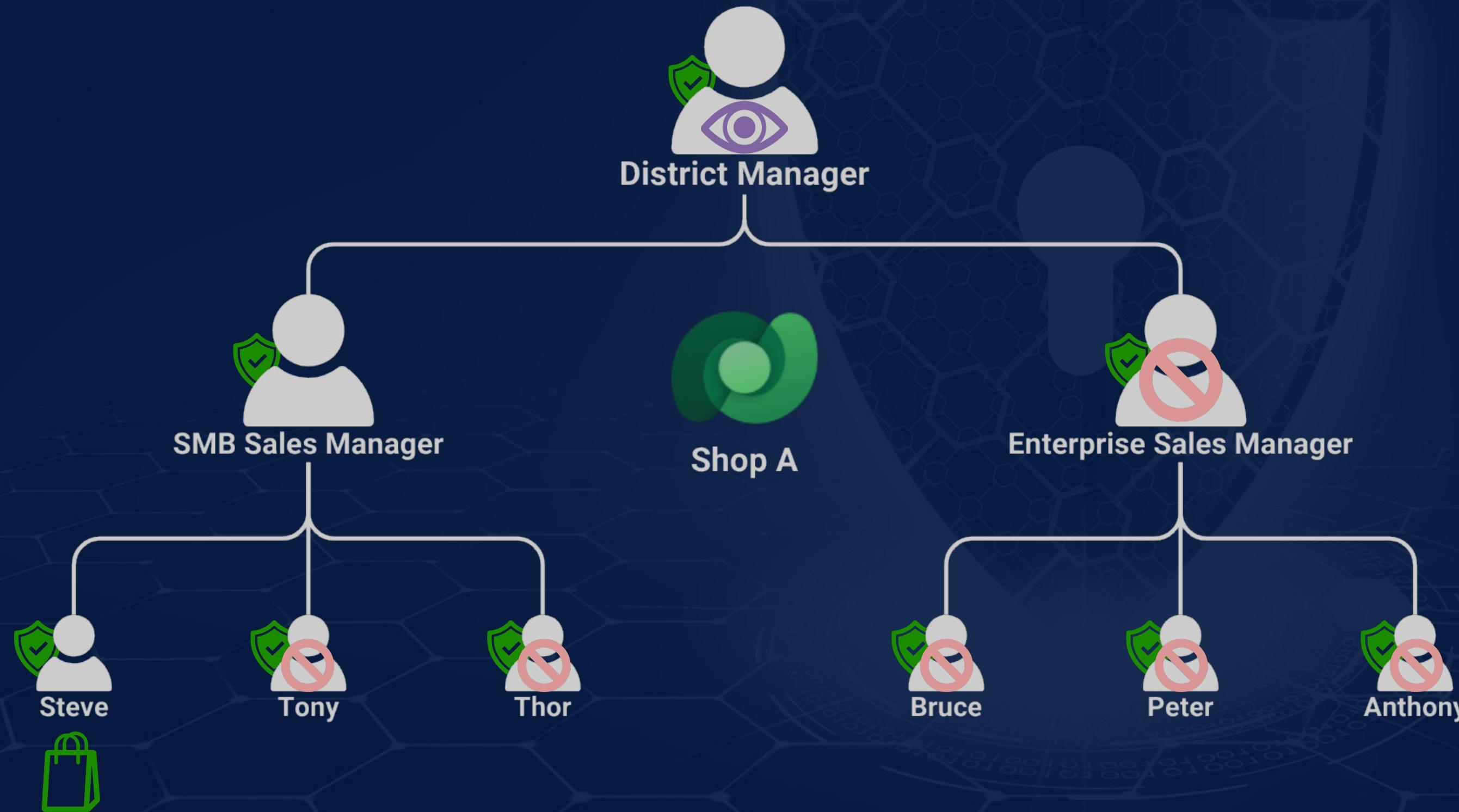
- **Users assigned manager**
- **System Users table**

# Position

- **Configure positions**
- **Users assigned to position**
- **System Users table**



# MANAGER HIERARCHY MODEL



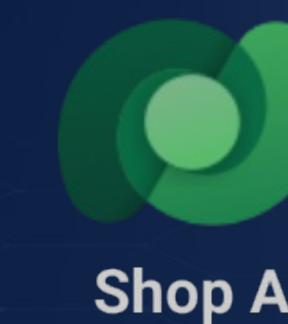


# POSITION HIERARCHY MODEL

Sales District Manager

Sales Manager

Sales



SMB Sales Manager

Steve



Tony

Thor

Bruce

Peter

Anthony

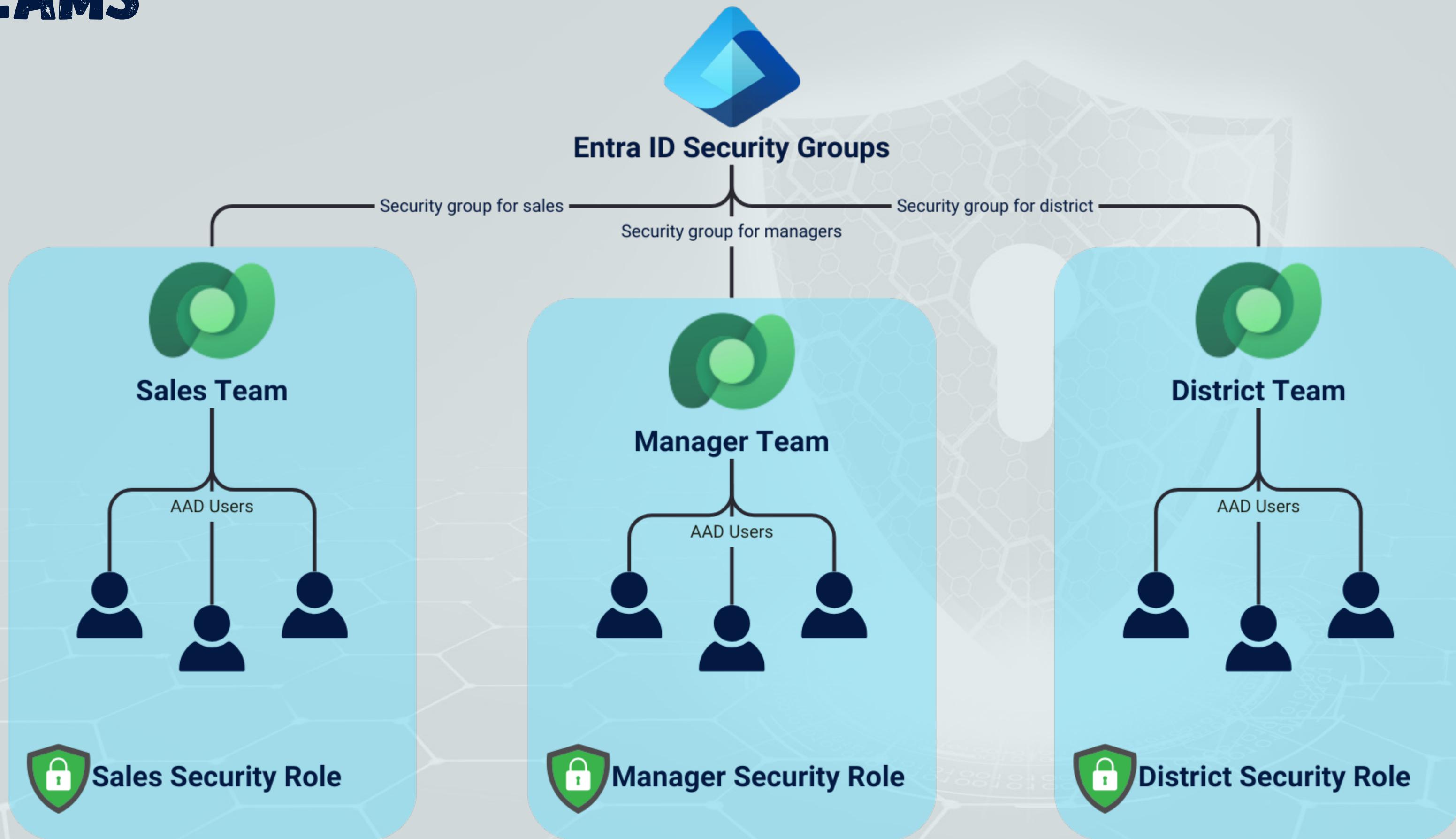


Shop A





# TEAMS





# PUT IT TOGETHER

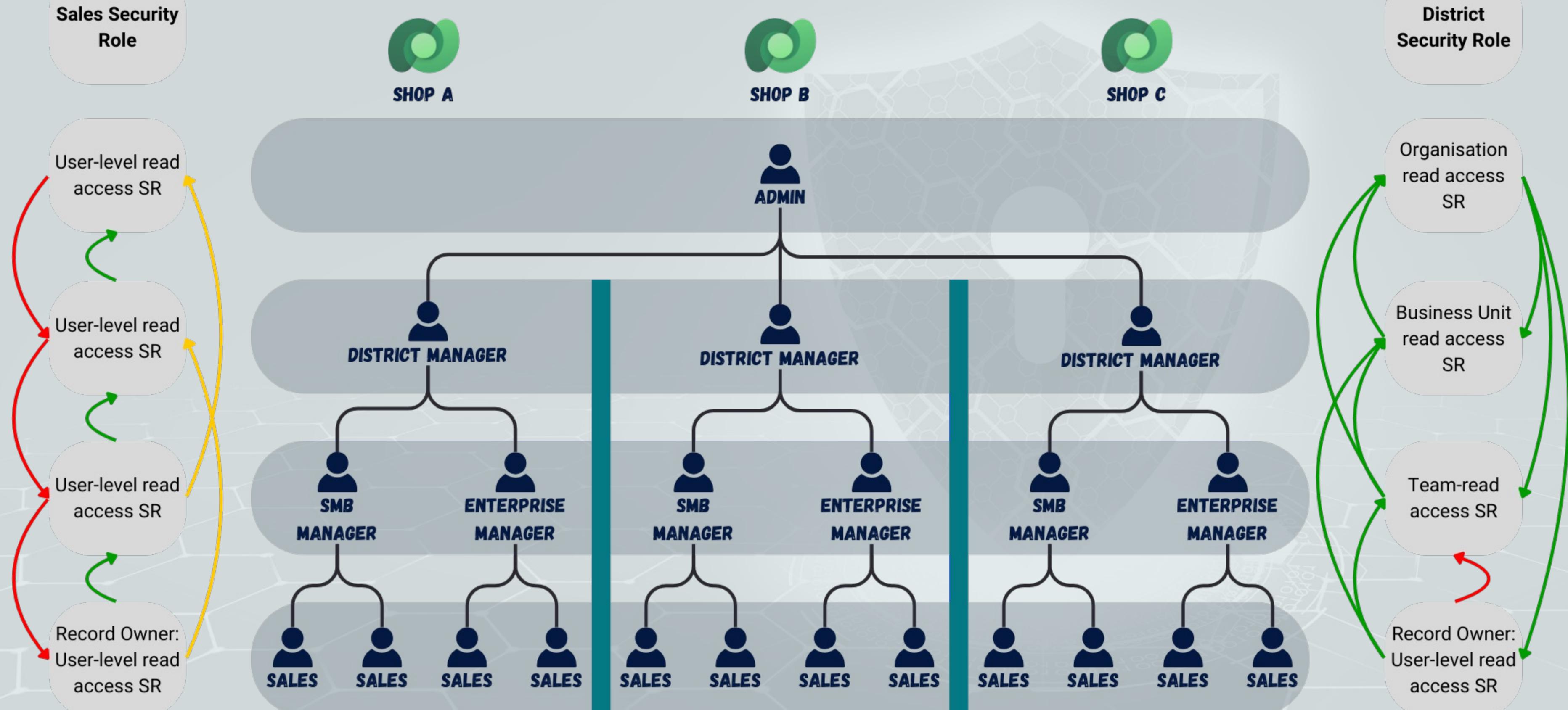


# RBAC MODEL





# HIERARCHY MODEL





# THANK YOU



POWER PLATFORM ENTHUSIAST

[WWW.NATI-TURTLEDOVE.COM](http://WWW.NATI-TURTLEDOVE.COM)

