Enjeux d'une Stratégie Low Code
Protection et gouvernance de Microsoft Power Platform

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Jeff Angama

Solution Engineer

AvePoint

Agenda

Contexte & Enjeux

Protection & Gouvernance

AvePoint

Leader dans les solutions de gestion de la donnée

NORTH EUROPE

CANADA CENTRAL

LONDON

NORTH CHINA

US EAST

JAPAN WEST

US GOV VIRGINIA

SOUTHEAST ASIA

FRANCE CENTRAL

WEST EUROPE

GERMANY CENTRAL

AUSTRALIA SOUTHEAST

12M
Utilisateurs

88
Pays

7
Continents

Microsoft Partner | **5x** Partner of the Year Award Winner

Microsoft

AVPT
NASDAQ

AvePoint a son siège social et son principal centre opérationnel à Jersey City, NJ, avec environ 2 200 employés sur les sept continents.
Plus de 20 personnes en France à Issy-les-Moulineaux
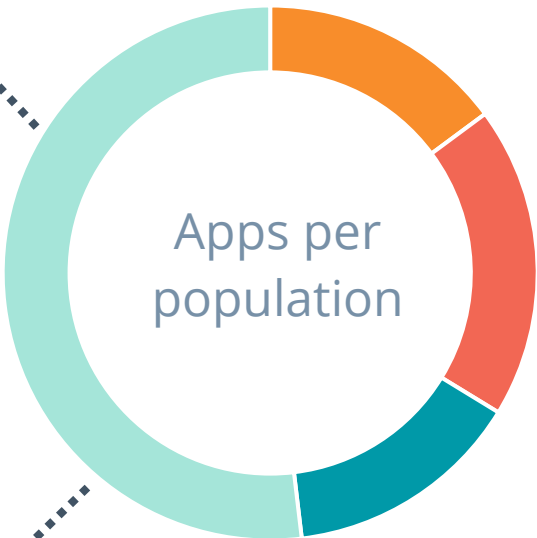
Trends

- By end 2023, more than 500M apps and services will be developped

- Low-code / Nocode platform accelerate development time by 50% - 90%

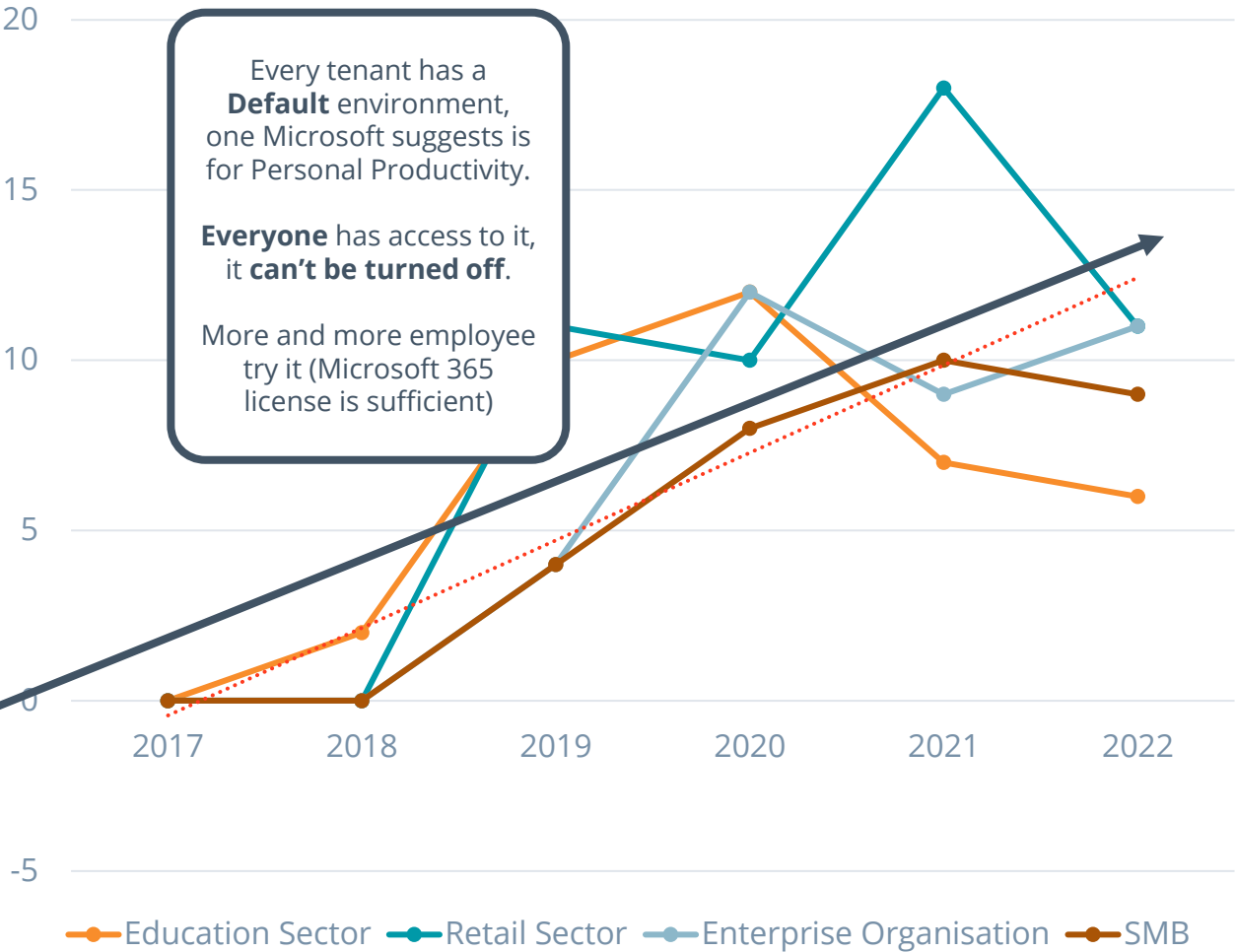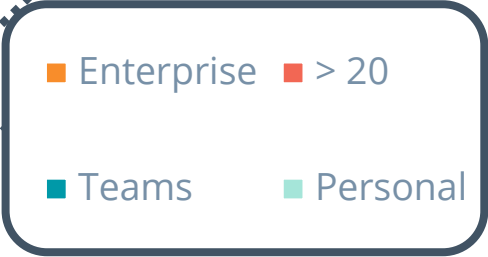- 70% of apps will be done using low-code by 2025
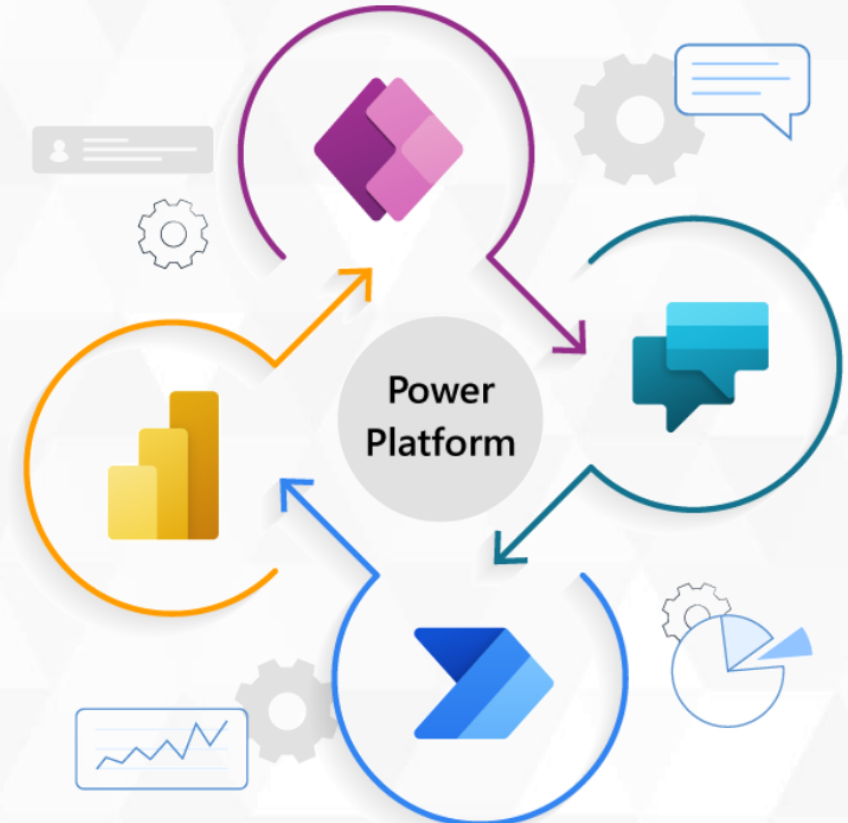
Power Platform adoption example over time

Citizen developers will soon **outnumber** professional coders 4 to 1

Apps per population

Every tenant has a **Default** environment, one Microsoft suggests is for Personal Productivity.

Everyone has access to it, it **can't be turned off**.

More and more employee try it (Microsoft 365 license is sufficient)

30%
of data submitted from customers had the word test in the title

- Enterprise
- > 20
- Teams
- Personal

20
15
10
5
0
-5

2017 2018 2019 2020 2021 2022

Education Sector — Retail Sector — Enterprise Organisation — SMB

Governance : Challenges

For users and citizen developers

- Be guided, helped but without feeling restricted

- Find resources to learn the low-code platform

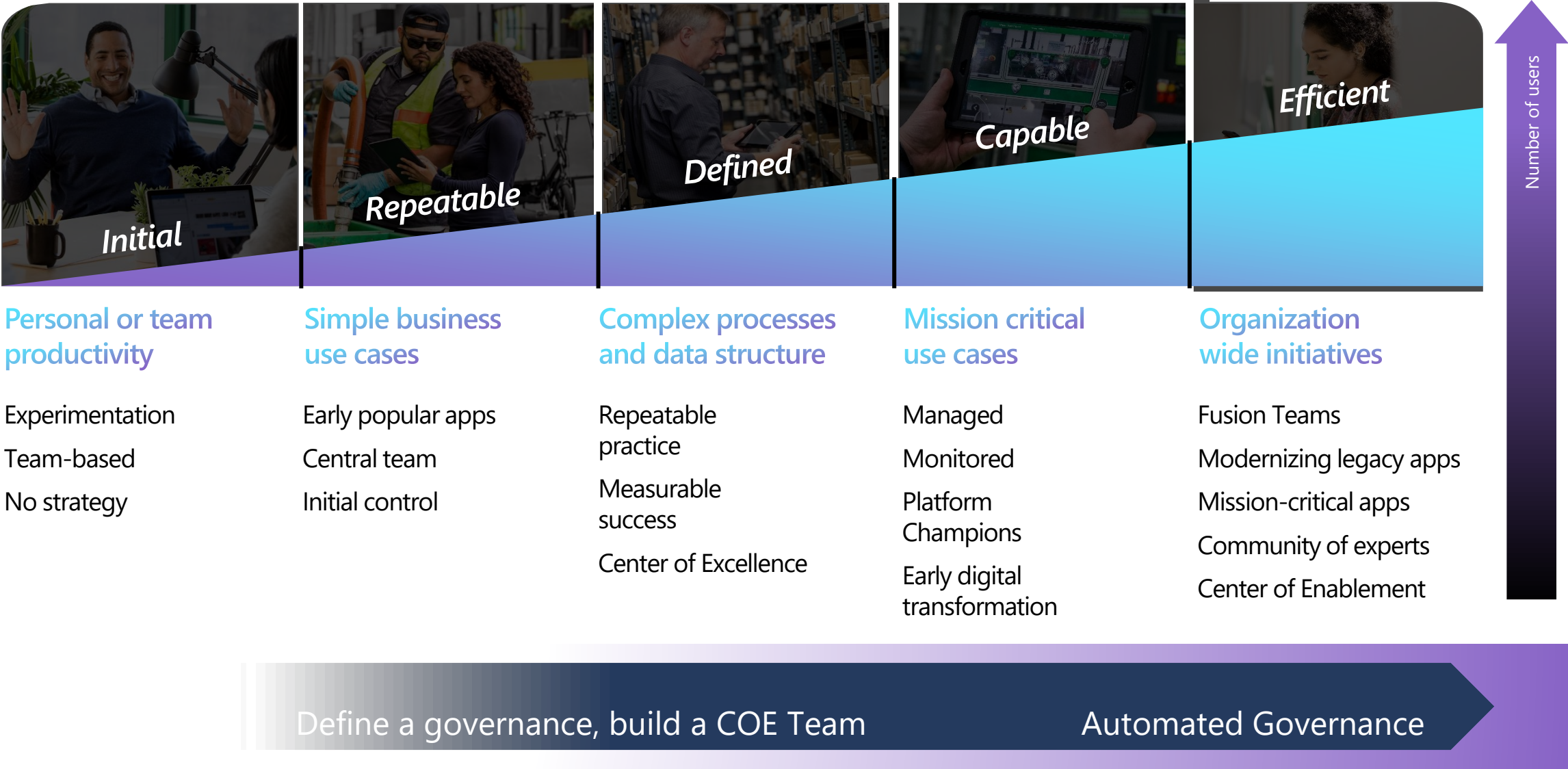- "It shall just work"

For IT Services

- Ensure a coherent information system (avoid duplicates, avoid in-house shadow IT)

- Reduce security risks, ensure quality, SLA, data compliance

- Deploy the low-code strategy within a scope

Scale usage of Low Code

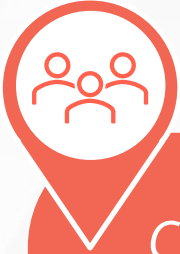Access data and perform tasks within a familiar, consistent interface

Number of users

Efficient

Capable

Defined

Repeatable

Initial

Personal or team productivity	Simple business use cases	Complex processes and data structure	Mission critical use cases	Organization wide initiatives
Experimentation	Early popular apps	Repeatable practice	Managed	Fusion Teams
Team-based	Central team	Measurable success	Monitored	Modernizing legacy apps
No strategy	Initial control	Center of Excellence	Platform Champions	Mission-critical apps
			Early digital transformation	Community of experts
				Center of Enablement

Define a governance, build a COE Team   Automated Governance

Protection

Protection : Challenges

Citizen developers are on the rise

Power App and Power Automate drive more business process

Power BI insights and analytics developed by lines-of-business drive thousands of decisions.

use cases

- Cancel a human error (manual or scripted)

- Restore to a previous version after a modification error

- Restore the assets from an environment, deleted after the automatic deletion after the retention period

- Accidental deletion, accidental change

- For compliance reason, keep the old report

- Compare calculation error between two reports

Customer quote

"We've developed Power Automate for Dynamics, those process are critical for our business"

"To cancel a change, our business users will not think about saving their assets"

What does M365 proposes natively to protect the Power Platform?

Power Apps

- **28-day retention** of deleted Power Apps, requires Power Shell commands.
- A limited number of recoverable versions, no end user recycle bin

Power Automate

- **20-day retention** of deleted Power Automate, requires PowerShell commands or the use of a Power Automate connector. Microsoft can't help beyond these 20 days
- No version history, no end user recycle bin
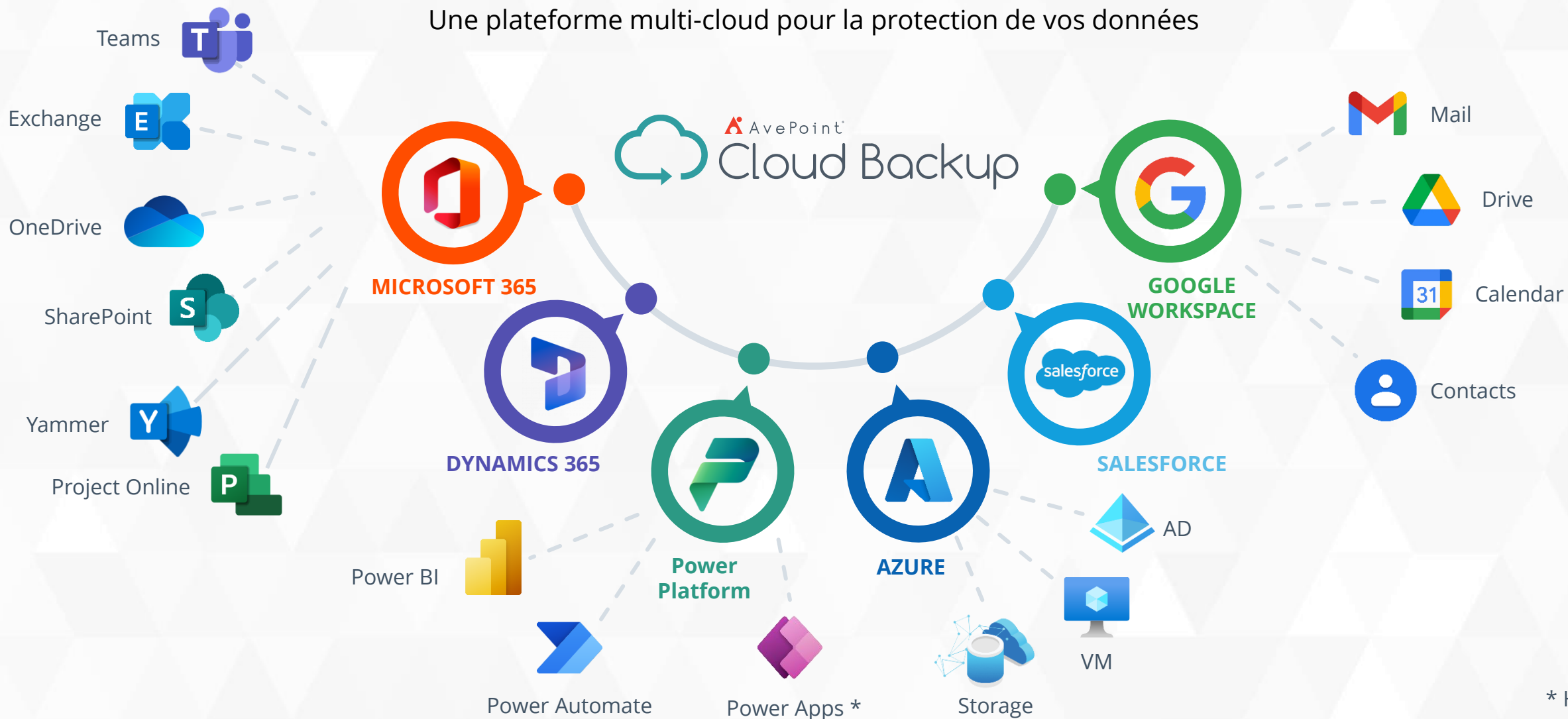
Restore a Power BI workspace

- Restore via portal as administrator or via PowerShell (Restore-PowerBi)
- No version history or recycle bin

Restore a Power BI report

- Option not available

eserved. Confide

Coming H1 2023

AvePoint Cloud Backup

Une plateforme multi-cloud pour la protection de vos données

Teams
Exchange
OneDrive
SharePoint
Yammer
Project Online

AvePoint Cloud Backup

MICROSOFT 365

DYNAMICS 365

Power Platform

AZURE

SALESFORCE

GOOGLE WORKSPACE

Mail
Drive
Calendar
Contacts

AD

VM

Power BI

Power Automate

Power Apps *

Storage

* H1 2023

Granular restoration across the Power Platform
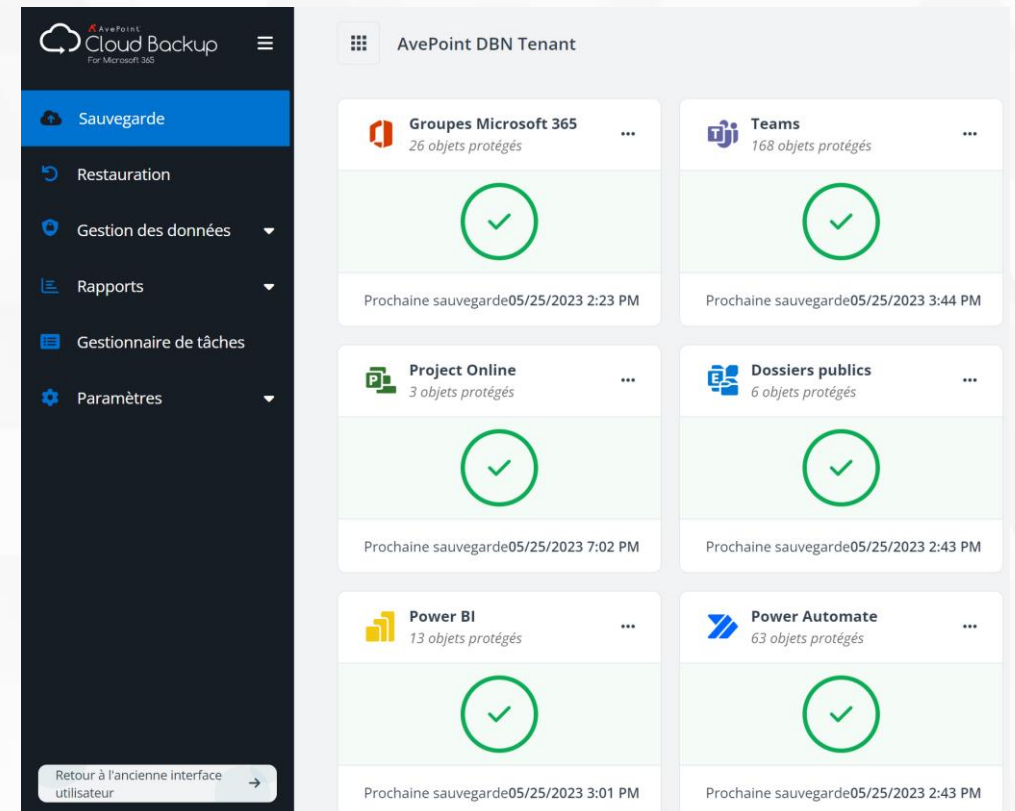
Unlimited Backups 4x a day

Back up Power Apps

Back up Power Automate

Back up Power BI

Cloud Backup

Restore in minutes not days. On demand granular recovery to the online/offline storage of choice

Restore a Power Automate / Apps / Power BI

AvePoint Backup For Microsoft 365

Backup

AvePoint - UDE

Job monitor

Downloads

Search downloads

Yesterday

.zip file of the Power Automate is downloading to your computer

May 26, 2023

Export_Copy_analysis_609a17f7-2c7d-4fea-862c-ed3b9c32102b.zip

blob:https://smp.avepointonlineservices.com/6d315db1-cf4c-4c9d-9150-42ff4617f3...

Show in folder

Return to legacy UI

Generate report

EP20230328103232610310   Export   ✓ Finished   03/28/2023 11:32 AM   03/28/2023 11:34 A   Download content

CIB20230328095446336045   Backup   ✗ Failed   03/28/2023 10:54 AM   03/28/2023 12:53 P   Get password
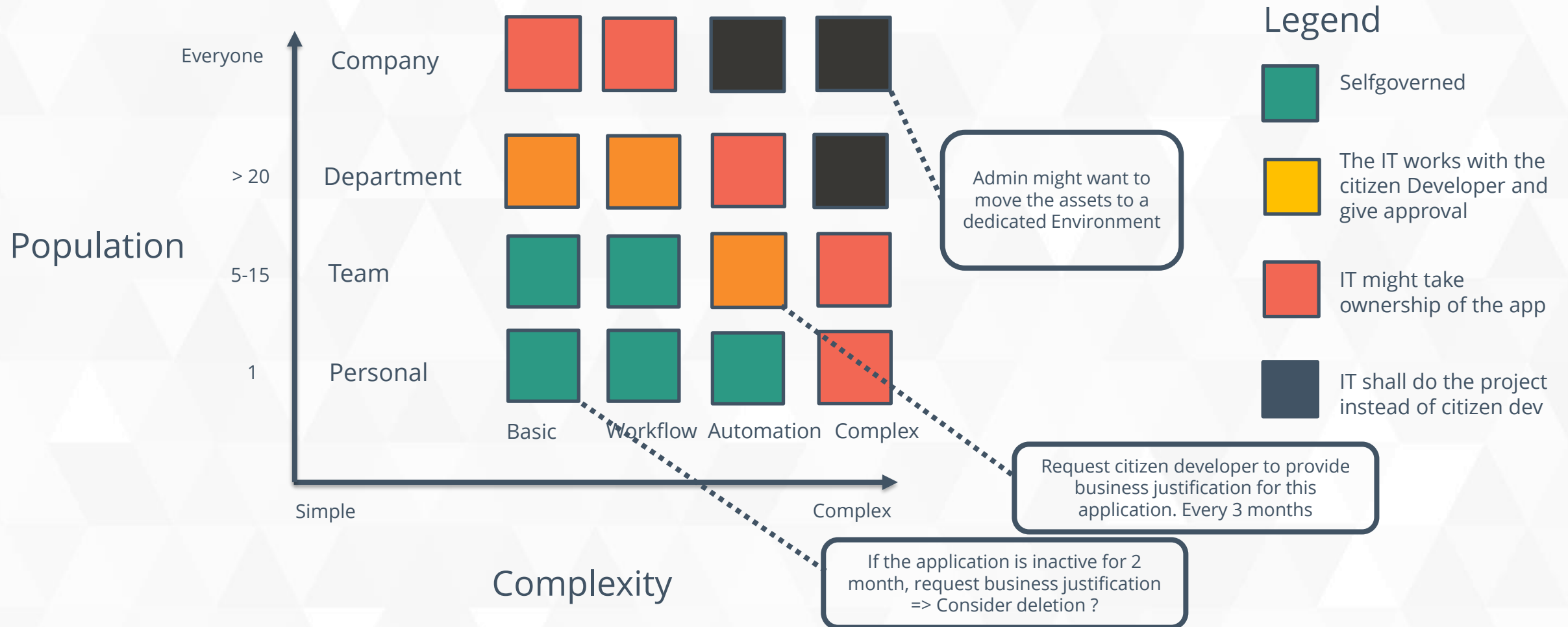
Governance

How do you know where to park?!

Yet…

Governance for citizen dev assets
Decision matrix example
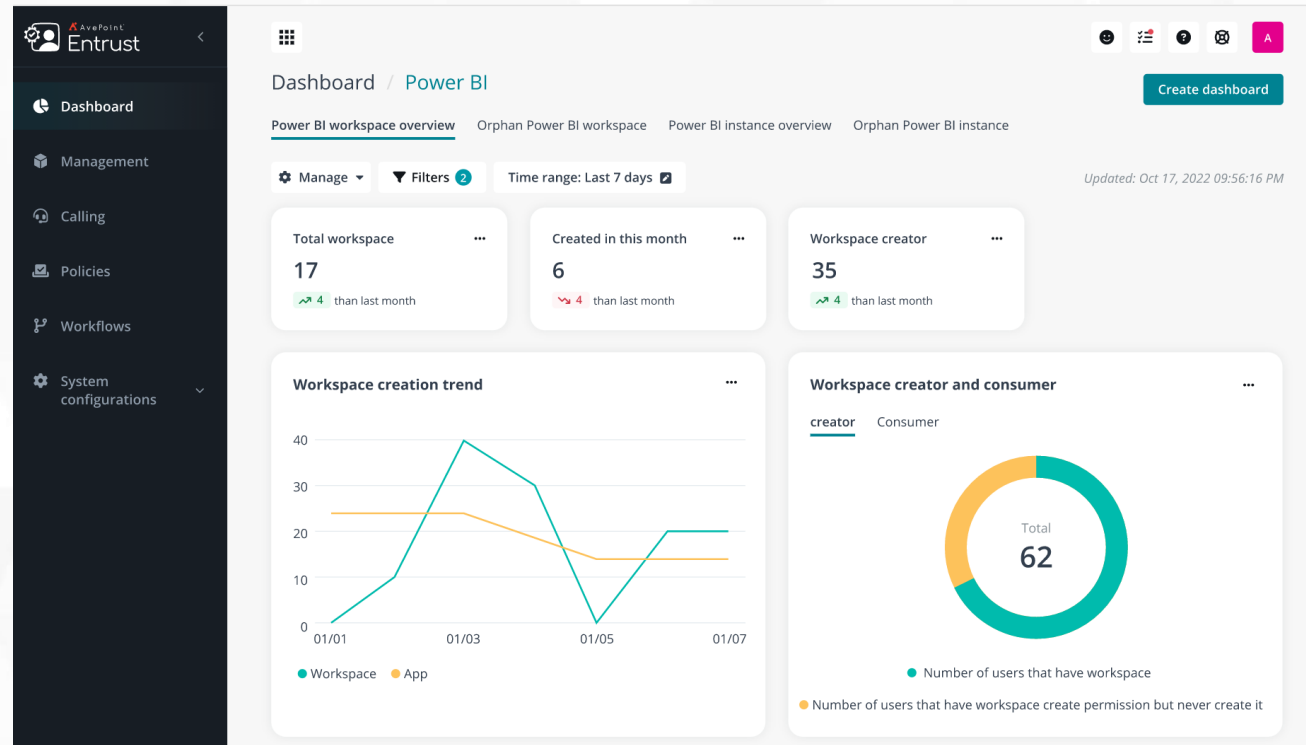
Visibility and automation for your Low-Code strategy

Entrust

Insights / Reports on adoption

Automate governance tasks
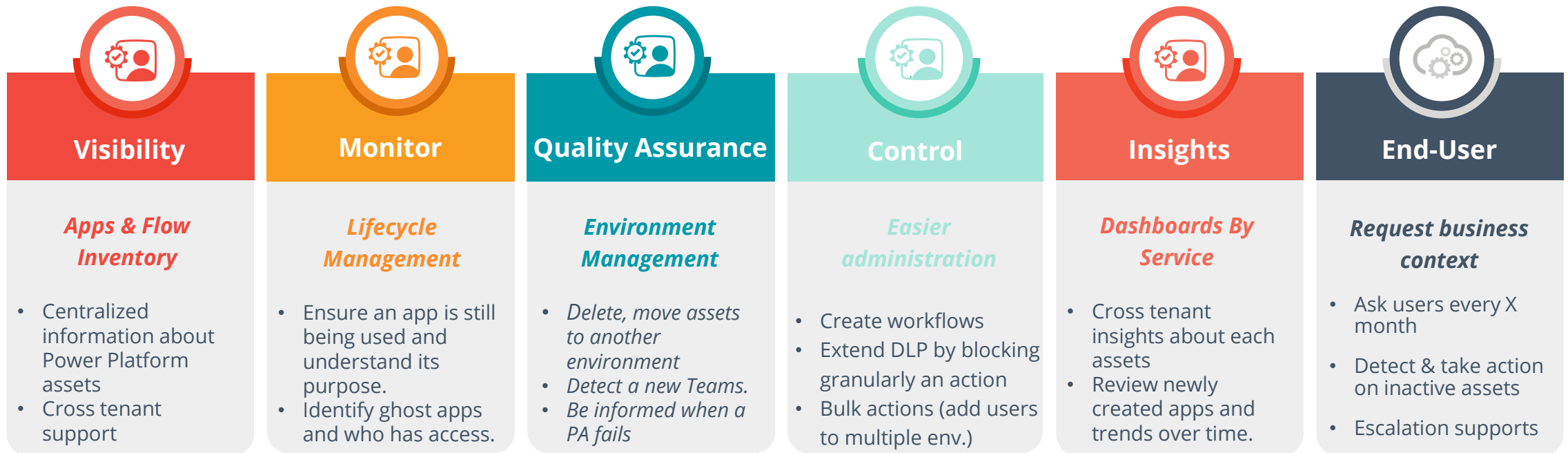
Delegate and ease the administration

Entrust

How We Do It
Use Cases

Visibility	Monitor	Quality Assurance	Control	Insights	End-User
Apps & Flow Inventory	**Lifecycle Management**	**Environment Management**	**Easier administration**	**Dashboards By Service**	**Request business context**
• Centralized information about Power Platform assets • Cross tenant support	• Ensure an app is still being used and understand its purpose. • Identify ghost apps and who has access.	• Delete, move assets to another environment • Detect a new Teams. • Be informed when a PA fails	• Create workflows • Extend DLP by blocking granularly an action • Bulk actions (add users to multiple env.)	• Cross tenant insights about each assets • Review newly created apps and trends over time.	• Ask users every X month • Detect & take action on inactive assets • Escalation supports

Entrust for Power Platform will allow you to tailor and **delegate administration by service, function, and scope** *without giving global permissions*

Visibility

Real-time inventory list of your Power Platform objects

Automatically discover newly created Power Platform elements

Tailor and delegate administration by *service, function, and scope*

Easily scan Environments, apps, power automate, power bi

Identity objects at risks

Centralized view on adoption, usage

Management / Environments

Updated: Jun 8, 2023 02:14:27 AM

My default view   Environment ID

Save   ...

Filter   Manage columns ▾

Search by display na...

Export ▾   Refresh

	Display name ▲	Tenant	Type	Created time	Environment owners	Apps	Flows
	AvePoint (default)	avepointats	Default	Mar 14, 2017 09:40:3...	SYSTEM	32	82
	Fly Destination	avepointats	Sandbox	Jan 10, 2023 07:31:07...	ATSAdmin	5	5
	HR Test	avepointats	Sandbox	Mar 28, 2023 08:13:2...	Eric Krusi	0	0
	M&A Key Stakehold...	avepointats	Microsoft Teams	Mar 23, 2023 12:31:4...	John Peluso	0	0
	NA Production	avepointats	Production	Mar 23, 2023 01:45:0...	John Peluso	2	0

0

3/11   4/10   5/9   6/8

Always know the purpose of every app

From app creation to end-of-life, continuously capture metadata to understand the purpose and need of an app with a dynamic workflow.
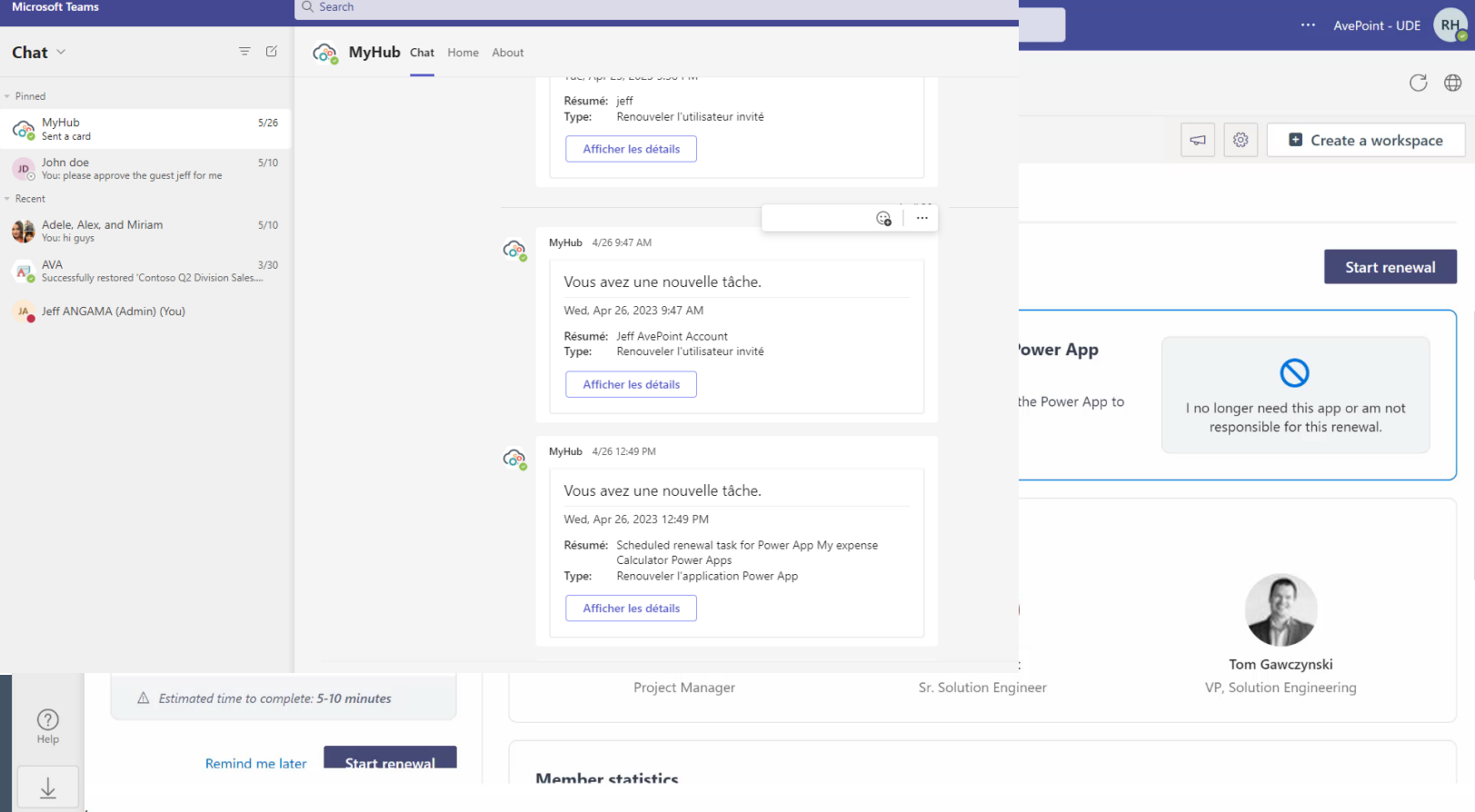
Configure an intuitive outreach workflow to verify ownership, access control, and classification

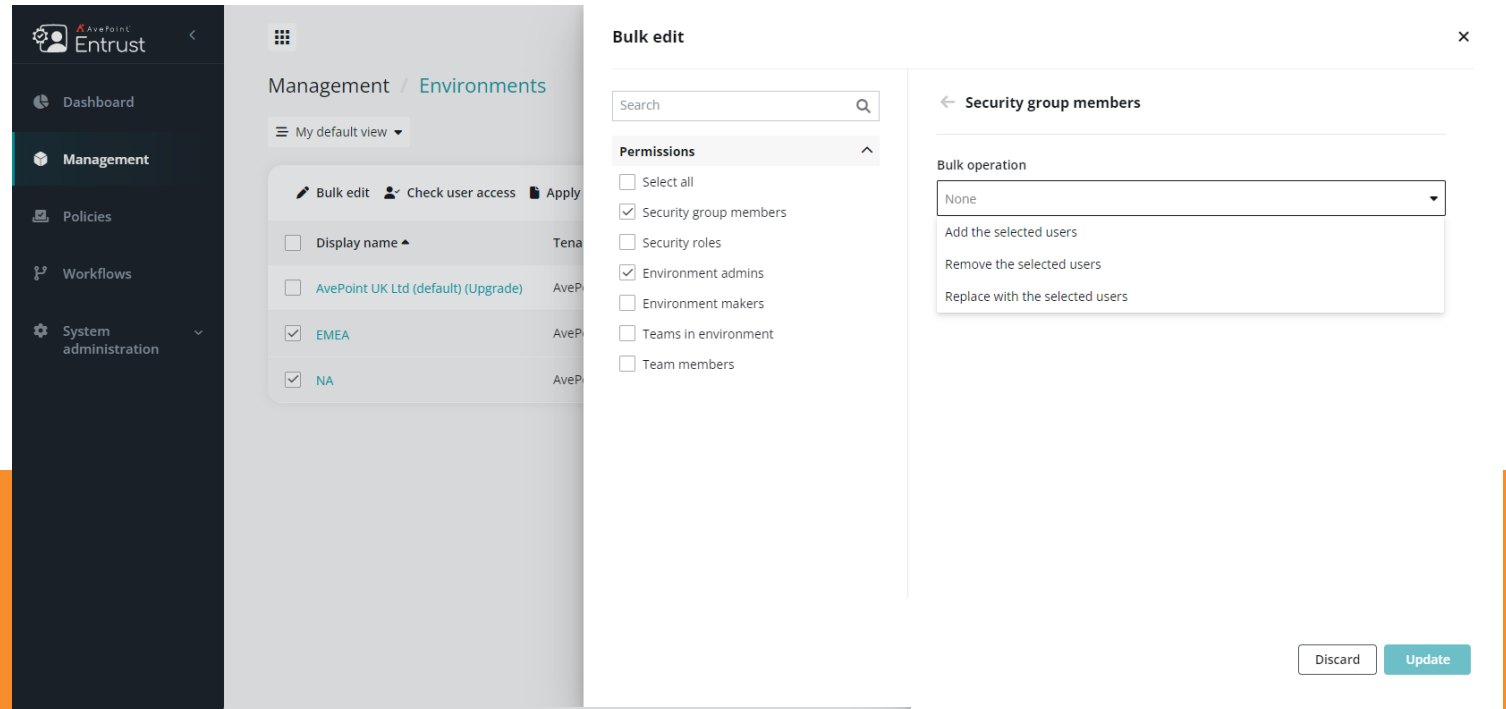Place apps in quarantine if owner(s) does not respond to recurring review requests

Automated app lifecycle to dispose of apps no longer required

Easily manage day-to-day priorities

Enable your Power Platform team to tackle all priorities quickly and effectively all from one screen

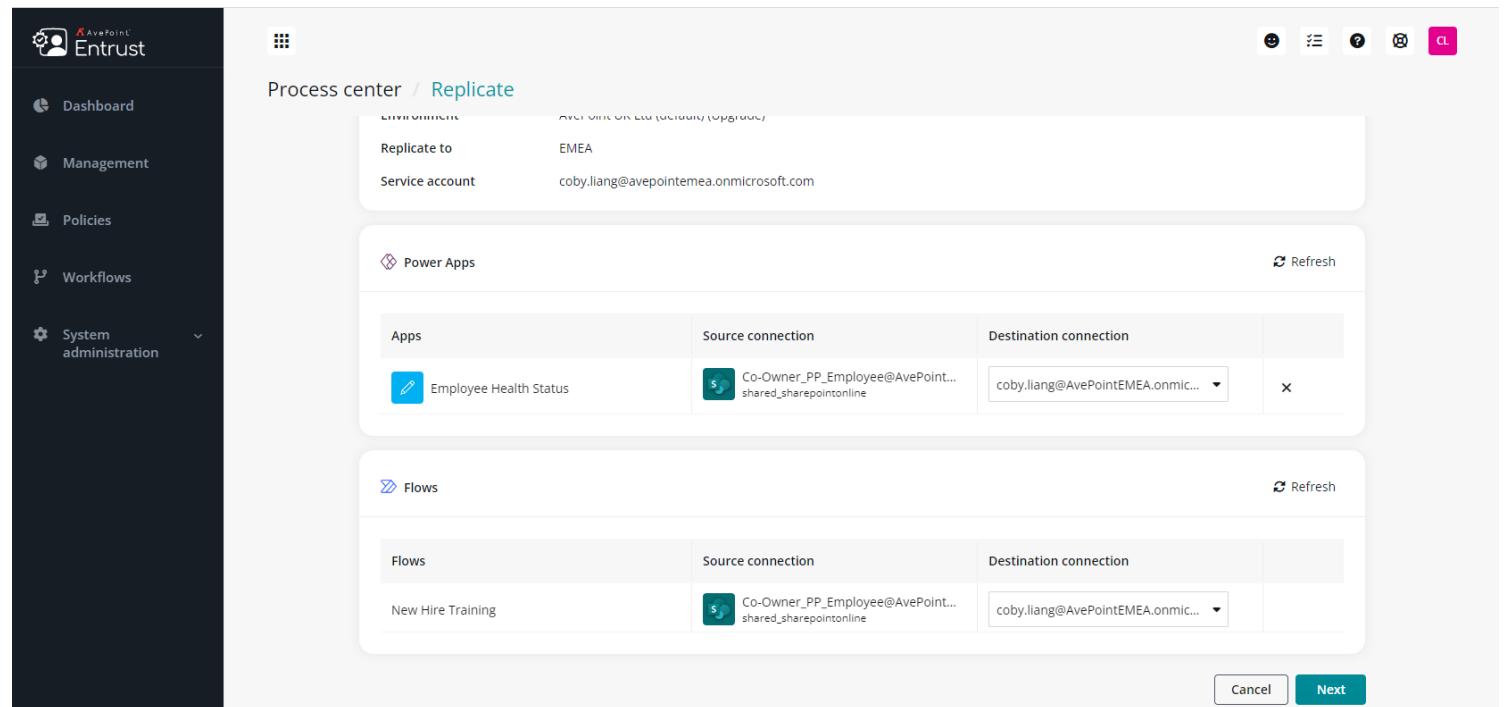Select multiple objects at once and bulk update permissions.

Review user access to objects and Environments and make any changes immediately.

Apply a new data policy to an Environment.

Seamlessly move objects across your Environments

Process center / **Replicate**

Environment   AvePoint UK Ltd (default) (upgrade)
Replicate to   EMEA
Service account   coby.liang@avepointemea.onmicrosoft.com

Power Apps   ⟳ Refresh

Apps	Source connection	Destination connection	
Employee Health Status	Co-Owner_PP_Employee@AvePoint... shared_sharepointonline	coby.liang@AvePointEMEA.onmic... ▾	×

Flows   ⟳ Refresh

Flows	Source connection	Destination connection
New Hire Training	Co-Owner_PP_Employee@AvePoint... shared_sharepointonline	coby.liang@AvePointEMEA.onmic... ▾

Cancel   Next

Confidently move objects within a DevOps process – From sandbox, to QA, to production

Quickly address objects created within the wrong Environment

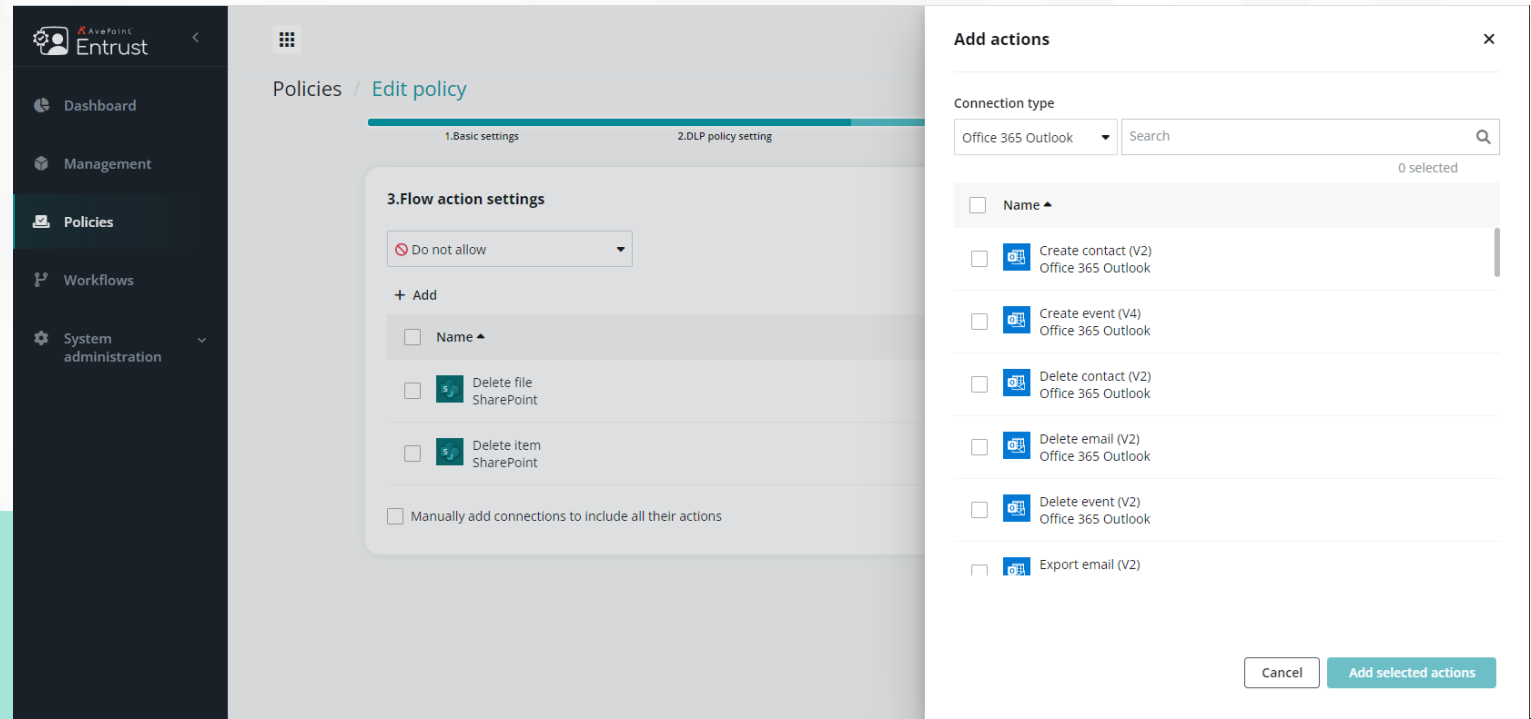Choose multiple apps and flows to move from one Environment to another

Prior to moving objects review analysis report to ensure a complete move including associations and connections

Review the audit log for all objects moved from one Environment to another

Now we know how to park

Key takeaways

Adapt governance along the way
Document and update your strategy, governance and share it

Deploy the platform step by step
Create pilot with the business, open the platform gradually

Keep track of applications purpose
Avoid in-org shadow IT effect

Re use and share best practices
Build a community of citizen developer & professionals

Continuously train users
One shot training is not sufficient for a constantly evolving platform. Find an LMS system

Organize a Power Platform Team
Center of Excellence & Enablement Team

Control Suite
pour la gouvernance

- **Cloud Governance**
  Automatiser les demandes manuelles et répétitives, gérer le cycle de vie

- **Entrust**
  Outiller la DSI pour l'adoption, l'opération des produits Microsoft 365

- **Cense**
  Refacturation et retour sur investissement des licences M365

- **Policies & insights**
  Surveiller et rétablir la dérive de configurations pour les services M365

Fidelity Suite
pour la transformation

- **Migrations**
  Consolider le contenu dans la plateforme SaaS Microsoft

  - *ECM , Lotus Note*
  - *Partages de fichiers*
  - *Messagerie électronique*
  - *Tenant à tenant*

- **Curricula**
  Learning Management System

- **TyGraph**
  Plateforme d'analyse des usages M365

Resilience Suite
pour la protection et la conformité

- **Cloud Backup**
  Protéger M365, D365, Azure, Google Workspace, Salesforce, Power Platform

- **Cloud Archiving**
  Archiver des copies de contenu et d'espaces de travail vers un autre stockage

- **Compliance Guardian**
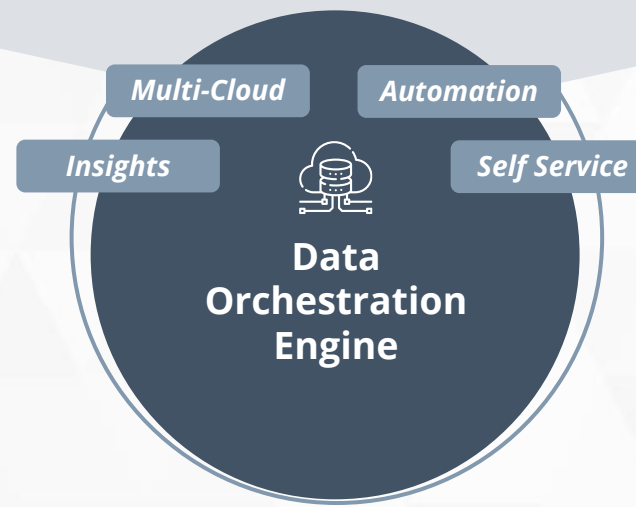 *Automatiser la classification et la protection des données et prévenir les pertes*

- **Records**
  Mettre en place la gestion des enregistrements « records »

Confidence Platform

Multi-Cloud

Automation

Insights

Self Service

Data Orchestration Engine