

A journey from Power Apps to governance

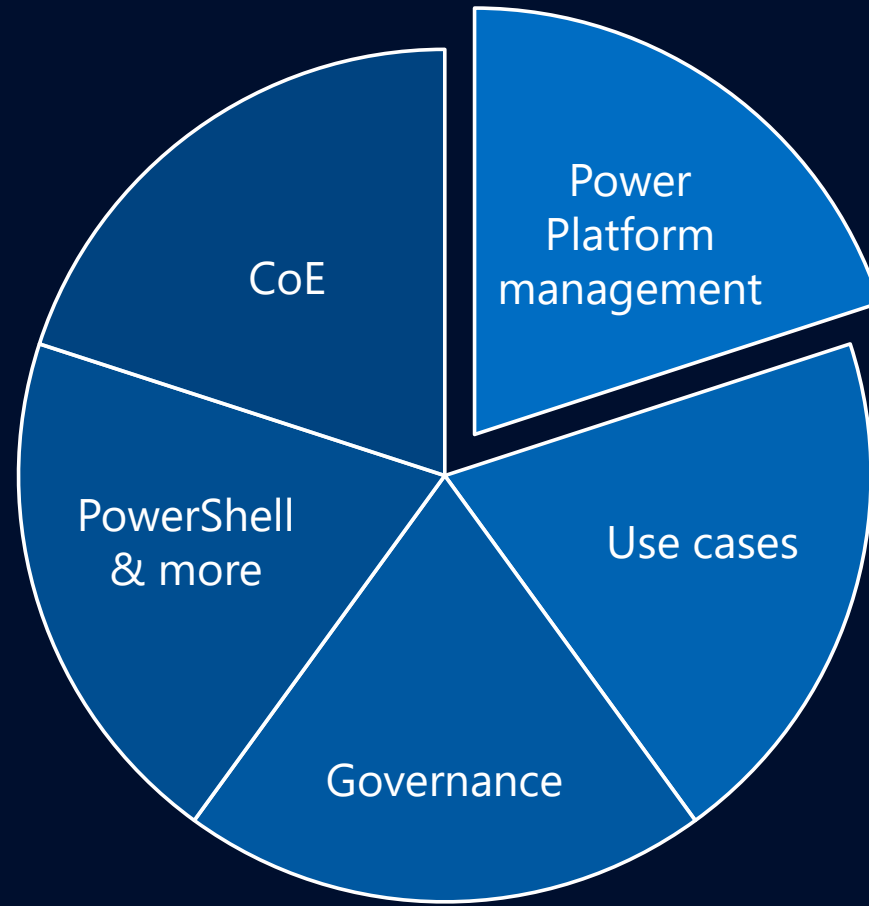


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Agenda



Microsoft Power Platform

The low-code platform that spans Office 365, Azure, Dynamics 365, and standalone applications



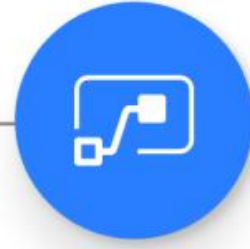
Power BI

Business analytics



Power Apps

Application development



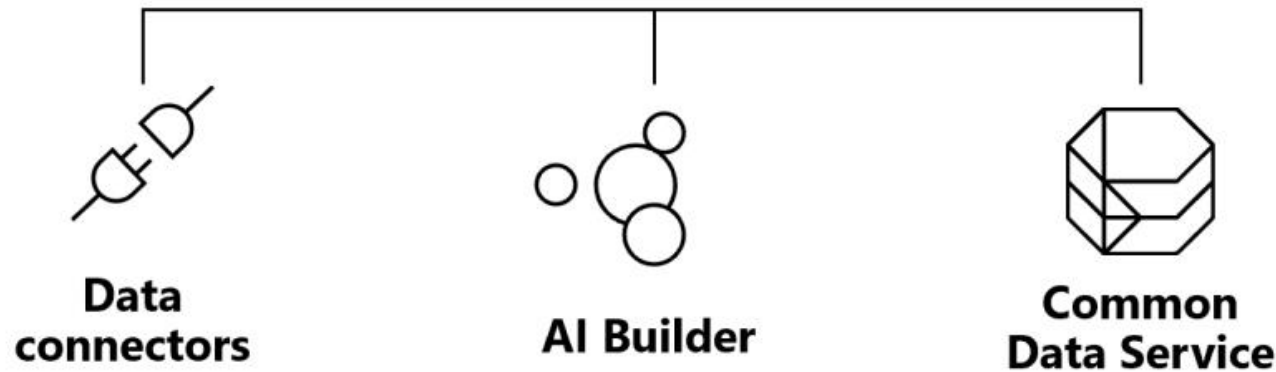
Power Automate

Process automation

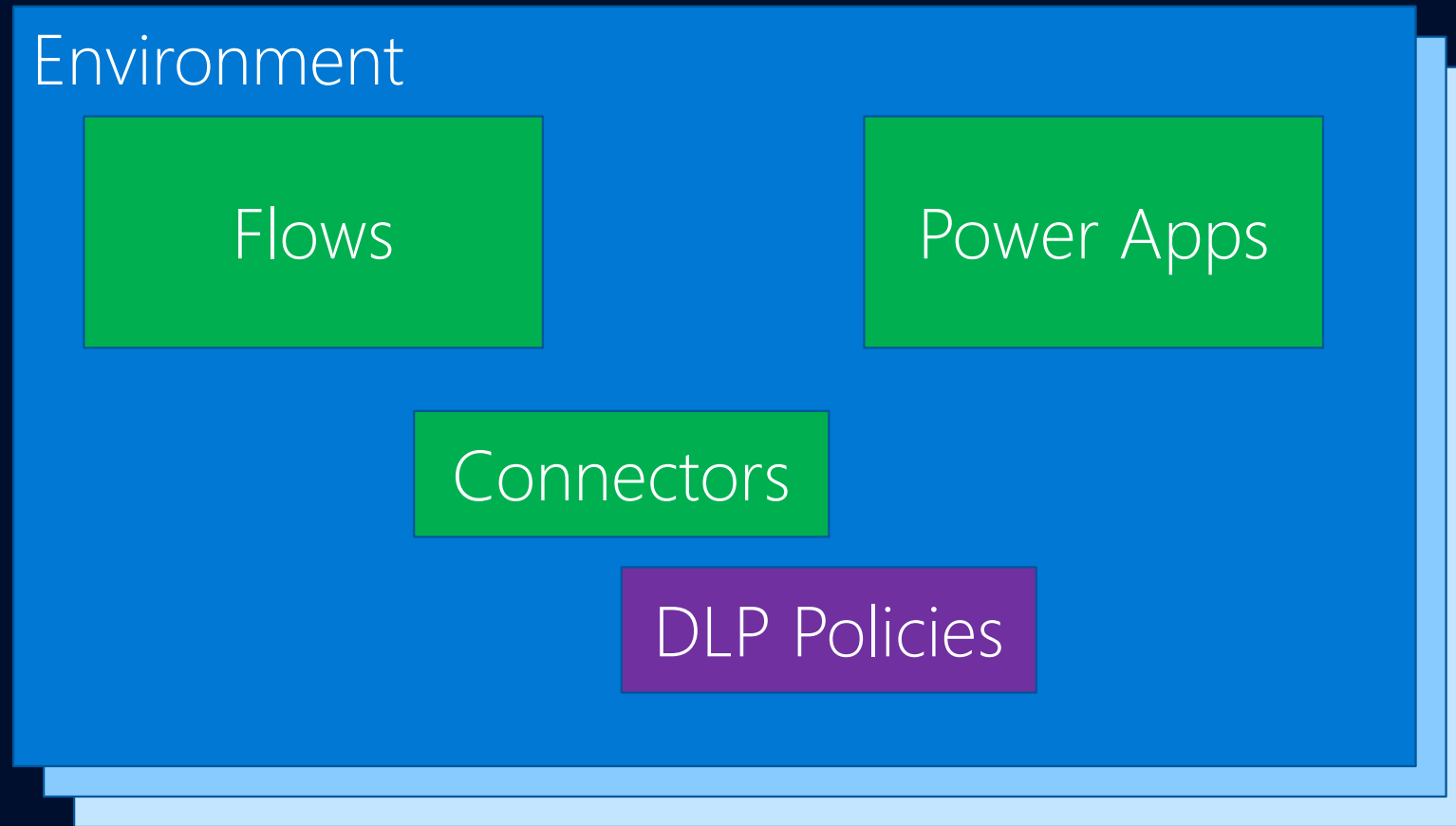


Power Virtual Agents

Intelligent virtual agents



The Power Platform management architecture



aka.ms/ppac

The new admin portal

atwork

Power Platform admin center

+

New

↺

Refresh

Environments

Analytics

Common Data Service

Power Automate

Power Apps

Resources

Capacity

Dynamics 365 apps

Portals

Help + support

Data integration

Data gateways (preview)

Data policies

Admin centers

Power BI

Environments

Environment	Type	State	Region	Created on ↓
CoE	Sandbox	Ready	Europe	08/24/2020 6:40 PM
Dev Environment	Sandbox	Ready	Europe	08/29/2019 8:35 AM
atwork deutschland gmbh	Production	Ready	Europe	03/20/2018 8:56 AM
TP Demo Environment	Sandbox	Ready	Europe	12/26/2016 10:33 AM
CW environment	Sandbox	None	United States	10/24/2016 11:28 PM
atwork (default)	Default	Ready	Europe	10/08/2016 6:08 PM
atwork (Upgrade, US)	Production	Ready	United States	10/08/2016 6:08 PM

Power Platform settings

These settings are applicable across your organization. [Learn more](#)

Governance

Enable features across environments.

Who can create production and sandbox environments

☒ Everyone

☐ Only specific admins ⓘ

Who can create trial environments

☒ Everyone

☐ Only specific admins ⓘ

Save

Cancel

When to use Power Apps



Access

Work account or MSA
Every user must have a license

Standard Connectors

SharePoint, OneDrive, Excel, Outlook, Azure AD, etc.
Records < 500

Simple apps

Not too much screens & controls
Not too complex: dependencies ...
Offline scenarios!

Guidance

Support your users with rules, training & best practices



HP
EliteBook

1049



HP
ProBook

499



Samsung
Series 9

1599.99

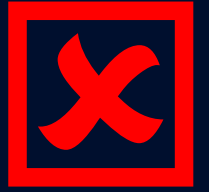


Microsoft
Surface Pro

999

[Order](#)[Back](#)

When NOT to use Power Apps



Access

External users
No license

Premium Connectors
(key users)

HTTP, Azure SQL, SAP, Custom Connectors, Third party,...
Records > 500

Complex apps

Many screens & controls
Dependencies, Permissions

Performance

Power Apps are no native apps...

Project

Phase 1: Basic Information

Progress:

Overview

Project

Phase 1: Basic Information

Basic Information

Ownership

Timing

Execution

Why (Reason)

Why (Strategy)

Add Attachments

Submit

Phase 2: Detailed Information

SWOT Analysis

HISTORY - 77 - TEST A

PROJECT STATIONS

BASIC INFORMATION

PROJECT OWNERSHIP

TIMING

EXECUTIVE SUMMARY

DATE	USER	
2020-10-06 09:21:00	Toni Pohl	
2020-10-06 09:21:00	Toni Pohl	
2020-10-06 09:21:00	Toni Pohl	
2020-09-15 06:04:00	Andreas	

WHY (REASON)

WHY (STRATEGY)

ADD ATTACHMENTS

PROGRESS REPORT

Please add a short report on the most important results achieved and the progress of the project, referring to the defined outputs, outcomes and the impact. Please don't forget to mention the time period you are referring to.

OUTCOMES

OUTCOME	CATEGORY	TARGET GROUP(S)	INDICATOR(S)	
Outcome 1	Long-Term	Target Group(s) 1	Indicator(s) 1	<input type="text"/>
Outcome 2	Long-Term	Target 2	Indicator 2	<input type="text"/>

OUTPUTS

OUTPUT	TARGET GROUP(S)	INDICATOR(S)
Output 1	Target 1	
Output 2	Target 2	

SHORT REPORT ON THE MOST IMPORTANT RESULTS (OPTIONAL)

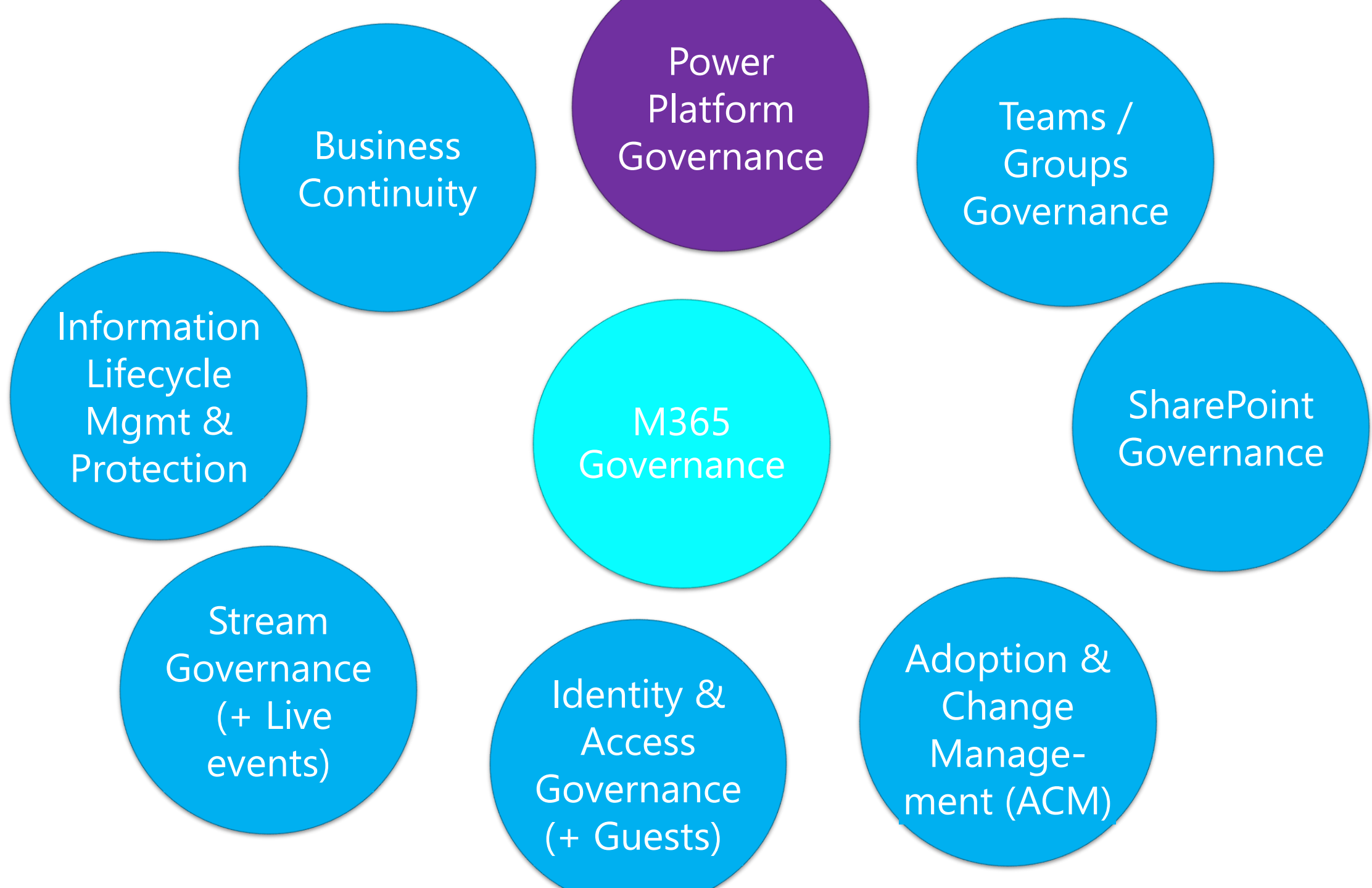
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Custom controls
Complex workflows
Permissions
Additional functionality
Reporting, Export, PDF, ...

What is IT governance?

"IT Governance is a process used to monitor and control key information technology capability decisions - in an attempt - to ensure the delivery of value to key stakeholders in an organization."

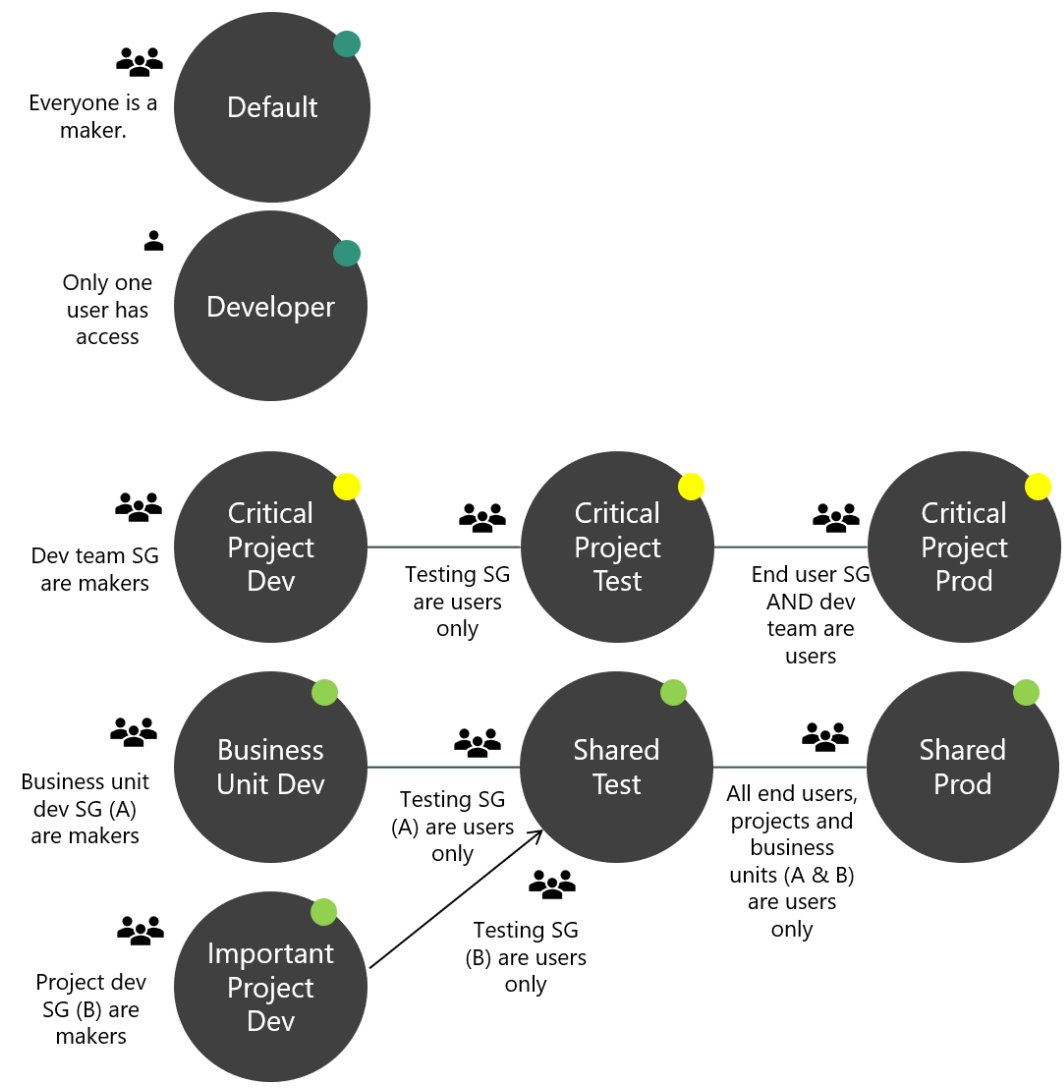


Best Practices



- Configuration in PPAC
- Environments Strategy
- Policies for Connectors
- Activity Logs and Analytics
- Setup and Automation of Audit processes
- Onboarding of Makers and Champions
- Power Platform CoE Starter Kit

Example environment strategy diagram



Communicate with everyone that **Default** is not for development of critical apps.

Developer environments are completely locked for any other user except the user who subscribed to the community plan. Applications can be moved out of the environment if needed.

Dedicated dev/test/prod environments for each critical application. Developers have Environment Maker access in the dev environment, but only user access in test and prod. End users only have end user access to the production solution so no one can modify the applications.

Shared test/prod environments for important but medium complex apps can be shared between multiple projects or business units. Individual projects and business units should always have their own development environment to protect data. End users only have basic user access to solutions and data in production environments.

- Critical project
- Individual project
- Personal productivity apps

SG = Security Group

Managing environments and apps with PowerShell

DEMO

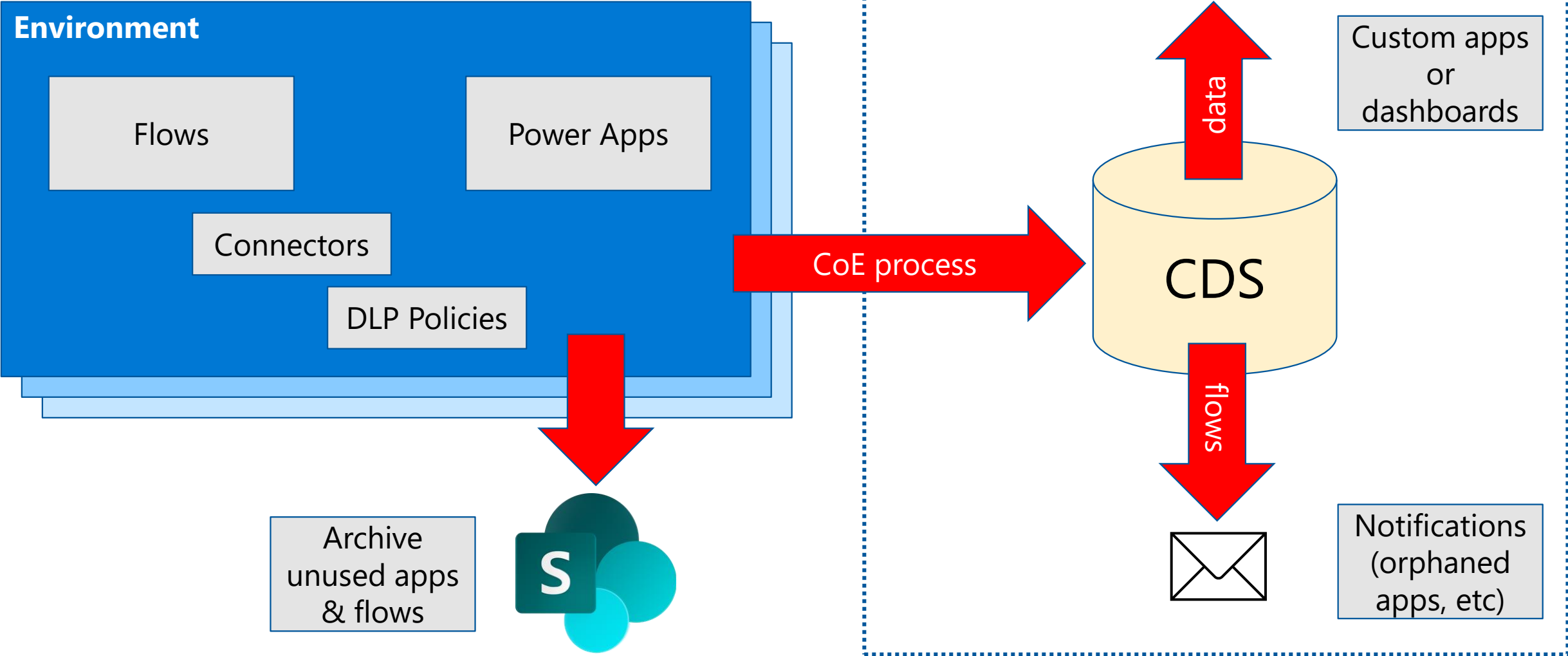
Automation of the Power Platform

Center of Excellence (CoE)



- Microsoft Add-On for governance of the Power Platform
- aka.ms/coestarterkitdownload
- aka.ms/coestarterkit
- DEMO

CoE Architecture



Planning your governance



Phase 1: Analyse and Planning

- Architecture, License and Security
- Environments, Connectors, Common Data Services, Data Loss Prevention (DLP)



Phase 2: Implement and configure CoE

- Monitoring, Alerts and Deployment (DevOps)
- Monitor Power Apps and control new solutions.



Phase 3: End User Adoption

- Let your users transform into Makers!
- Listen and learn to Business Requirements!

Summary



- Develop a governance plan & strategy
- Choose the Governance Tools for the Power Platform of your choice
- Admin Center
- Auditing
- Automate and manage with PowerShell
<https://github.com/tonipohl/PowerPlatformGovernance>
- Center of Excellence Starter Kit

Thanks! Let's connect!

Toni Pohl



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