

Power Factory



Power Platform Community Conference

Confident Adoption and Safety via Governance Beyond the Tool Kit

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Agenda:

- ☐ Governance: What it means, What is effective governance, What is the result and value of governance.
- ☐ Governance: What happens without Sufficient Governance in place.
- ☐ Governance Hero's Journey
- ☐ Our Power Platform Governance Strategy and Objectives
 - ☐ Governance Pillars
- ☐ Governance and Security Pain Points on the Power Platform and Our Best Practices, Capabilities and Methodology
- ☐ Governance Designed with "Your" Objectives in Mind
 - ☐ Adoption of Security and Governance Best Practices and Capabilities In and Beyond the Power Platform
 - ☐ Guardrails for Citizen Development
 - ☐ Enabling Fusion Development with Security and Compliance in place
- ☐ Our Governance and Security Offerings - Small Market through Enterprise
- ☐ Our Governance Resources and Next Steps

Power Platform Governance - What it means, What is effective governance, What is the result and value of governance...

IT Governance ...

A framework that ensures an organization's IT resources and operations align with its business goals and objectives. Including processes, policies, and structures to manage and optimize IT investments, ensuring they support the overall business strategy

- Alignment with Business Goals
- Risk Management
- Regulatory Compliance
- Performance Measurement
- Resource Management

Application Governance...

A structured framework to manage the development, deployment, management, and use of IT applications within an organization.

- Development Governance
- Deployment Governance
- Security Governance
- Data Governance
- Operational Governance

Effective Governance ...

A structured framework to manage the development, deployment and use of IT resources, services, applications, and infrastructure effectively.

- Alignment to Business Objectives
- Clear Policies and Guidelines
- Defined Standard Roles and Responsibilities
- Standard Processes
- Security and Compliance
- Continuous Assessment
- Lifecycle Management
- Cross-Functional Collaboration

Results of Effective Governance ...

Results provided by effective Governance implemented across IT services, applications, and infrastructure

- Improved Compliance and Security
- Optimized Resource Management
- Enhanced Decision-Making Capabilities
- Increased Transparency and Accountability
- **Confidence ability to adopt and scale**

Value of Effective Governance ...

Value provided by effective Governance implemented across IT services, applications, and infrastructure

- Risk Mitigation
- Cost Efficiencies
- Business Alignment
- Performance Measurement
- **Confidence that systems are secure and compliant**

What Governance Means

What is Effective Governance

Result and Value of Effective Governance

Power Platform Governance - What happens without Sufficient Governance in place

Insufficient Governance - Business Impacts

Insufficient IT and application governance can have several significant business impacts

- Misalignment between IT and Business Goals
- Increased Security Risks, Vulnerabilities, Data Breaches, and Cyber attacks **
- Regulatory Non-Compliance **
- Financial losses due to poor data quality and system performance
- Lack of Transparency | Ineffective Decision-Making
- Damaged Reputation **
- Financial Implication from lack of trust from Customers, Investor and Markets **
- Legal Implications **
- Potential Customer Impacts - Outages, Data Breaches, Cyber Attacks **

Insufficient Governance ...

Insufficient IT and application governance can lead to several issues within an organization which may include legal and financial implications

- Lack of Alignment with Business Goals
- Increased Security Risks
- Compliance Issues *
- Poor Performance and Reliability
- Inadequate Risk Management

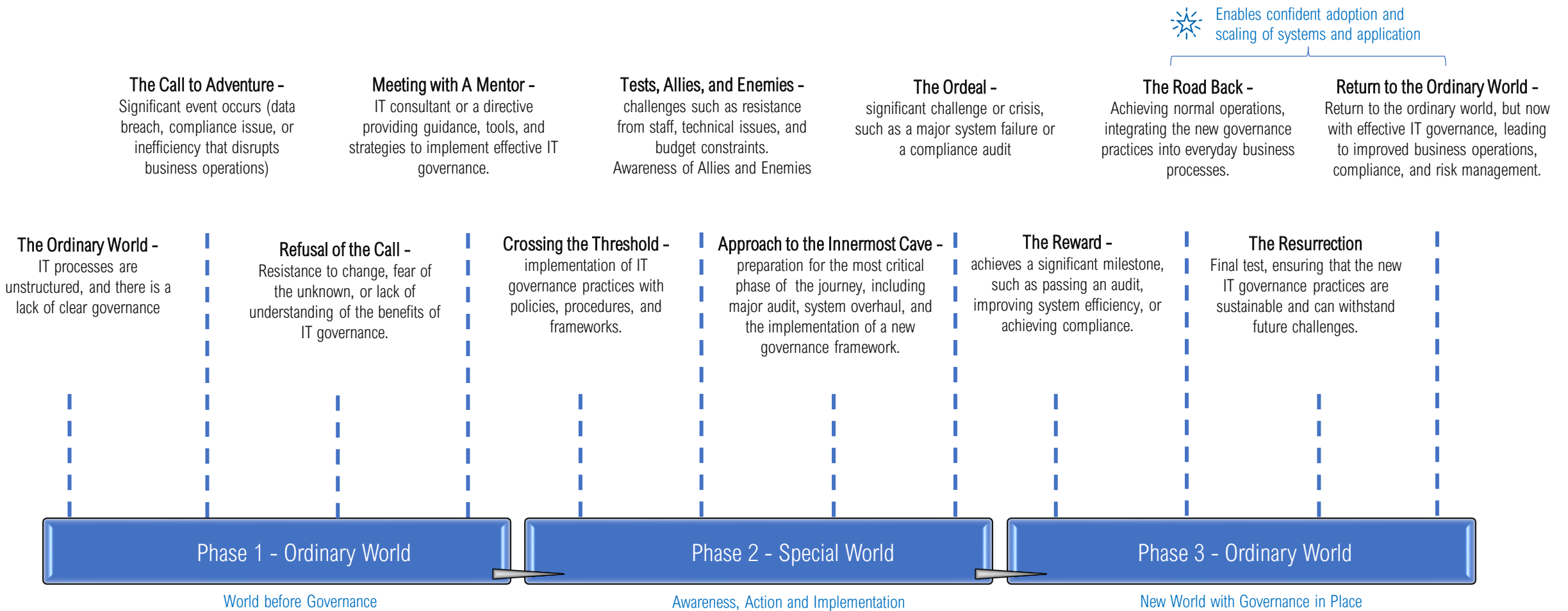
Insufficient Governance - IT and Application Impacts

Insufficient IT and application governance can have several significant IT and Application impacts and increased cost and resources to manage lack of governance

- Increased Security Risks, Vulnerabilities, Data Breaches, and Cyber attacks
- Compliance Issues
- Operational Inefficiencies and Resource Management
- Financial Losses
- Data Management Challenges
- User Access Issues (Risk of Unauthorized Access and Data Issues)
- Development and Deployment Issues (Delays)



Power Platform's - A Governance Hero's Journey



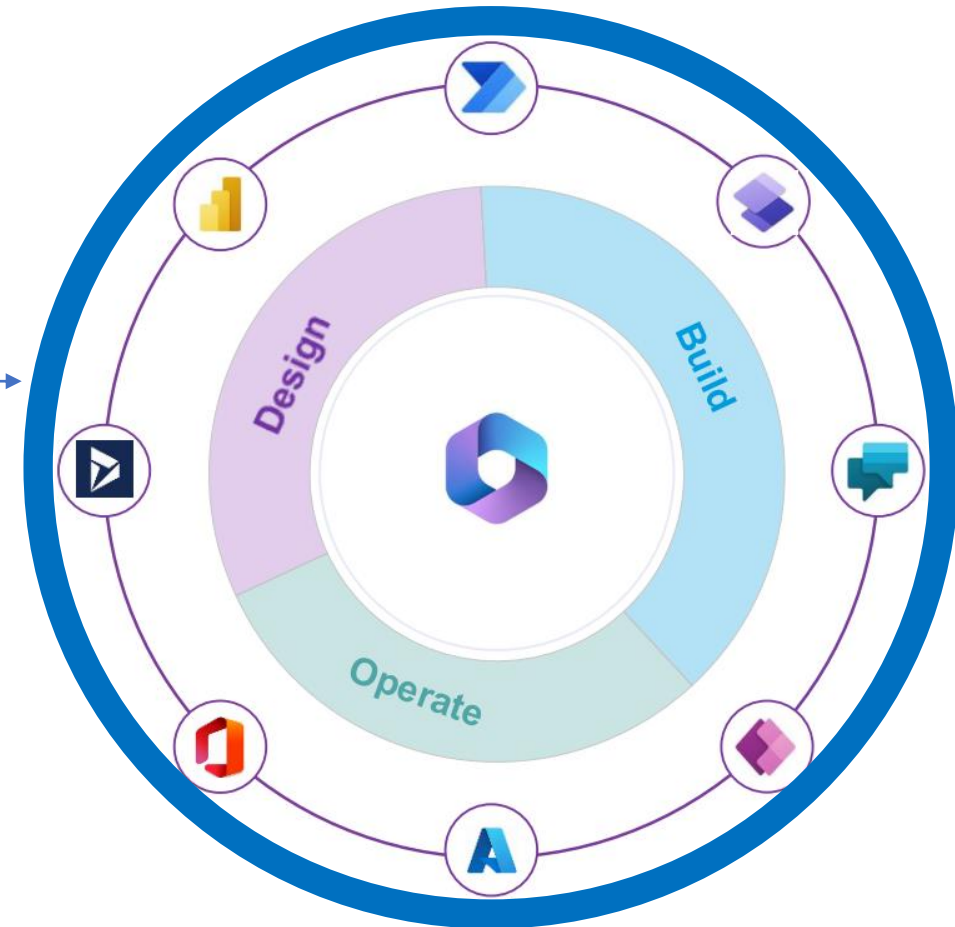
Governance Strategy

We provide **proven security and complaint methodologies** that utilize capabilities in and beyond Microsoft's Power Platform **empowering our clients with a platform the ensures creation of secure and compliant applications**. As well as secure guardrails for Citizen Development that provides the high-level confidence, security, and compliance desired by our clients.

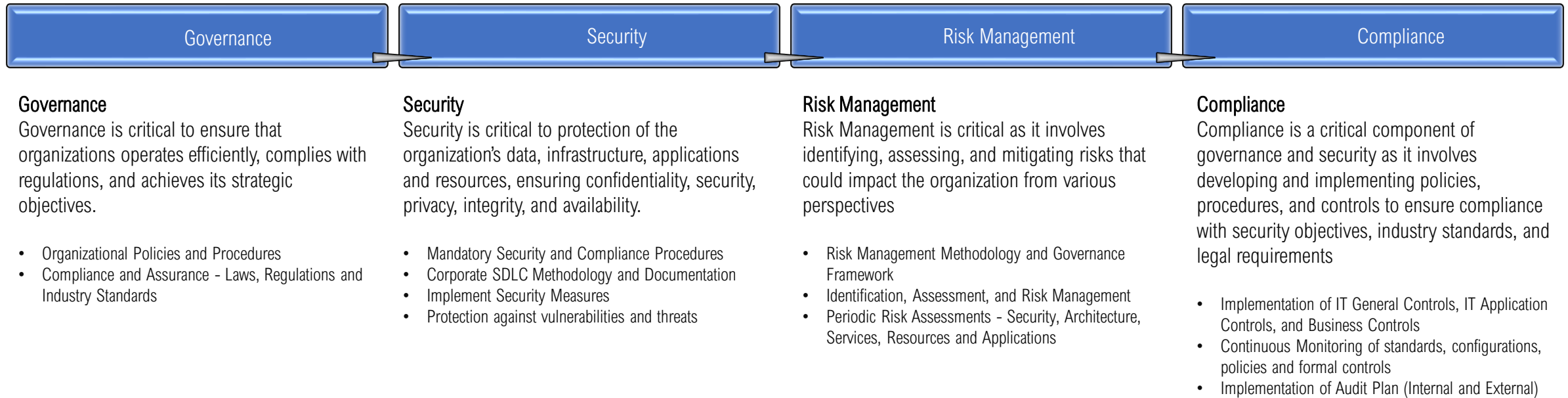
Governance Objective....

We provide our clients with **proven capabilities** to **enable confident “adoption and use”** of the Power Platform across their organizational needs based a proven implementation of Power Platform and Microsoft governance and security capabilities.

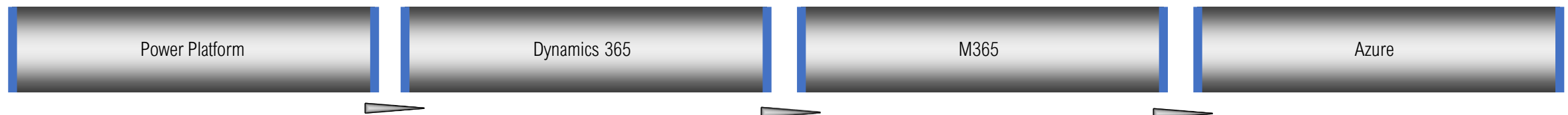
- Proven Compliance and Security Methodologies
- Capabilities In and Beyond the Power Platform
- Guardrails for Citizen Development
- Governance by Design (Best Practices)
- Engineering and Audit Efficiencies
- Provide Governance Services (Advisory or Managed)



Governance Pillars



Alignment of Governance across Platforms



Our Governance Methodology

- Provide our customers with a robust framework implements compliant standard roles, permissions, system configurations and settings, and policies across the Power Platform and underlying infrastructure
- Align Power Platform governance and security practices to your pre-existing systems and corporate security capabilities, best practices, and policies
- Utilize best in class governance and security capabilities and best practices, using Microsoft's Security and Compliance Capabilities as a foundation.

Governance and Security Best Practices on the Power Platform:

- Implementation of the Center of Excellence
- Implementation of Data Classifications and Policies
- Implementation of Environment Strategy and Management
- Implementation of Security and Compliance Measures
- Alignment to SLDC, Compliance Regulation and Industry Standards
- Awareness and training IT, Security and Citizen Developers (Evangelize)
- Implement Monitoring and Auditing for Security, Compliance and Performance

Governance and Security Concerns and Pain Points on the Power Platform

- Data Security and Privacy
- Compliance
- Environment Management
- Licensing and Cost Management
- Citizen Development
- Monitoring and Auditing

Our Power Platform Governance Best Practices, and Capabilities:

Best Practices

- Always align to a “Least Privilege Access” methodology
- Always use compliant standard roles, permissions, system configurations and settings, and policies
- Optimize use of Power Platform security and governance Capabilities

Capabilities

- Power Platform security and governance capabilities in Power Platform Admin Center
- Power Platform Center of Excellence
- Integration of Identity Management Capabilities via Microsoft Entra ID and PIM and ServiceNow
- Integration of proven deployment and application lifecycle management capabilities (Azure DevOps with Power Platform Pipelines with ALM)
- Integration with core Microsoft security and compliance capabilities as needed by client
- Only use “approved” and “trusted” connectors for their organization and business scenarios (All others should be blocked via Data Loss Protection Policies)

Our Specialized Methodology

- Our unique Rapid Verification Model (RVM) for Governance on the Power Platform



Governance - Designed with our Your Objectives in Mind

Power Platform: Assessment, Use Cases, & Objectives

- Current State of your Power Platform Usage
 - Power Apps, Pages, Automate, Power BI, Dataverse etc.
 - Admin Center and Center of Excellence
- Current State of your Governance across Power Platform and Enterprise
- Your Objectives for Use of Power Platform
- Your concerns or challenges with scaled adoption of the Power Platform

Power Platform: Align Governance Model with Your Objectives

- Align Governance and Security capabilities with your Objectives and Needs
- Relevant Best Practices in the Center Of Excellence and Power Platform Admin Center - (Foundational)
- Balance the objectives and needs of IT and Security with Citizen Developers
- Designed model will address your concerns or challenges with scaled adoption of the Power Platform
 - Governance | Security Confidence
 - Data Management
 - Control with Citizen Development
 - Plus, integrations with other infrastructure

Power Platform: Client Design Governance & Security

Power Platform

- Implementation of Microsoft Power Platform Center of Excellence
- Implementation of Foundational Governance and Security capabilities and standards | best practices
- Implement Data Management and Deployment Strategies
- Adoption of RSM's Power Platform proven security and governance best practices, settings, permissions and policies

Microsoft Azure Capabilities (As per Your specific needs)

- Integration with Identity Management Capabilities
 - (Microsoft Entra ID and PIMS)
- Integration with other core Microsoft security, governance and compliance capabilities will enable seamless connection into underlying Azure platform and infrastructure

Assessments specific to You

Align Governance Best Practices and Capabilities to meet your Objectives

Implement Our Governance Model, Best Practice, and Capabilities

Adoption of Security and Governance in Power Platform

Enabling the adoption of Security and Governance Best Practices and Capabilities In and Beyond the Power Platform

Adoption Security and Governance Best Practices and Capabilities In and Beyond the Power Platform

Power Platform Governance Capabilities:

- Implementation of Center of Excellence (CoE)
- Implementation of Secure Environments
- Implementation of Licensing Strategy to support Governance on the Power Platform
- Implementation of secure access and provisioning processes across environments.
- Implementation of security measures, access, provisioning, and policies. (Data Policies, etc..)
- Implementation of a proven lifecycle management strategy - (Application Lifecycle Management (ALM))
- Implementation of secured deployment strategy
- Implementation of monitoring and reporting within Power Platform environments.

Microsoft Governance Capabilities Beyond Power Platform:

- Integration with Azure Identity and Access Management Resources (MS Entra ID and PIM)
- Integration of Purview (Compliance, Audit and Monitoring)
- Integration of Sentinel (Security)
- Integration with Azure Application Insights
- Integration of Azure DevOps and Power Platform Pipelines with ALM (Deployment)
- Integration with Defender for Cloud (Security to protect cloud-based application and resources)
- Scale with integration of validated Azure Connectors based on use cases and needs of client

Governance and Security Capabilities Beyond Microsoft:

- Integration with ServiceNow (Incident Management | Ticketing)
- Integration with a Cloud-Based Security platform as desired by business needs
- Integration with non-Microsoft platforms and applications based on use cases and needs of the client
- Scale via Validation and Integration of various Business Connectors based on use cases and needs of the client
 - SAP, Oracle, Salesforce etc.



Guardrails for Citizen Development:

Providing efficiency and innovation with application development for Citizen Developers, while providing confidence in the data, development, and access security required by corporate IT Security and System Administrators

Guardrails for Citizen Application Development

Guardrails Access

- Citizen Developers have no persistent, elevated or administrative access
- All application or environment creation requires a defined approval process.
- Adoption of a standard methodology of roles, permissions are enabled
- All Access configurations and settings are managed by a predefined Power Platform Administrator
- Implement secure access and provisioning processes across environments.

Development

- Implement secure environments with a defined environment strategy
- Implement a defined application lifecycle management strategy.
- Implement cost management processes to ensure app development does don't create capacity or licensing issues
- Implement processes and documentation of all development process and approvals for Citizen Developers
- Integration of Power Platform Pipelines and Azure DevOps
- Awareness and training of application development standards, and processes to all Citizen Developers (Evangelize)

Data and Environment Management

- All production environments are managed environments
- All environments have Data Loss Protection Policies enabled
- Managed and Environment Routing Enabled
- Implement security measures, access, provisioning, and policies.
- Power Platform Security, Audit and Monitoring Enabled



Navigation of Compliance in Fusion Development:

Providing efficiency and innovation methods to navigate complex compliance regulation while utilizing Fusion Development

Fusion Development - Best Practices

1

Define Clear Roles and Responsibilities:

- Citizen Developers: Business users who create applications using low-code tools to address immediate business needs.
- Professional Developers: Software developers who manage complex coding, applications and create custom connectors.
- IT Professionals: Accountable for application lifecycle management (ALM) and ensuring security and compliance

2

Implement Governance and Security:

- Establish governance policies to manage who can create, modify, and deploy applications.
- Use tools like Microsoft Power Platform's ALM capabilities to manage the entire lifecycle of applications, from development to deployment
- Ensure that all applications comply with organizational security and compliance standards, and data protection policies and industry regulations.

3

Utilize Application Lifecycle Management (ALM):

- Implement ALM practices to manage the development, deployment, and maintenance of applications.
- Use source control systems like GitHub or Azure DevOps to track changes and manage versions

4

Leverage Low-Code and Pro-Code Tools:

- Utilize low-code tools for rapid prototyping and development of business applications.
- Integrate pro-code components when necessary to handle more complex requirements and ensure scalability

5

Provide Training and Support:

- Offer training programs for citizen developers to enhance their skills in using low-code tools.
- Provide ongoing support and resources to help both citizen and professional developers stay updated with the latest best practices and tools.

6

Encourage Innovation:

- Create an environment where team members feel empowered to experiment and innovate while ensuring security and compliance are in place .
- Implement continuous improvement and adapt secure and compliant application development practices

Our Power Platform Governance Offerings and Value Proposition



Our Governance Offerings

- Designed to meet the specific needs of clients from small-markets all the way through enterprises
- Ensure governance and security regardless of the industry or regulations of our clients
- Builds on foundational governance and security from the Power Platform and scale with enhanced governance and security capabilities from Microsoft
- Provides leadership and IT confidence that the Power Platform is governed and secure across IT, Security, and Citizen Developers.

Our Governance Value Proposition

We provide clients with 2 unique Power Factory Governance offerings, one is designed for Power Platform clients who want a managed governance and security solution and the second is designed for Power Platform clients who need guidance and direction with implementing governance and security across their power platform.

- Managed Governance and Security
- Advisory Governance and Security

Phase	Phase Description	Description - Feature Overview	Small Market	Mid Market	Enterprise
0	Governance Assessment	Assess Current Use of Power Platform and Azure with a Governance Enterprise (Scope)	✓	✓	✓
1a	Power Platform Governance - CoE	Implementation of CoE	✓	✓	✓
1b	Power Platform Governance Foundation	Implementation of Secure Environments	✓	✓	✓
1b		Implementation of Licensing Strategy to support Governance on the Power Platform	✓	✓	✓
1b		Implementation of secure access and provisioning processes across environments.	✓	✓	✓
1b		Implementation of security measures, access, provisioning, and policies.	✓	✓	✓
1b		Implementation of a proven lifecycle management and secure deployment strategies	✓	✓	✓
1b		Implementation of monitoring and reporting within Power Platform environments.	✓	✓	✓
1c	Governance Extended to Enterprise	Integration of Purview (Compliance, Audit and Monitoring)			✓
1c		Integration of Sentinel (Security)			✓
1c		Integration with Azure Identity and Access Management Resources (MS Entra ID and PIM)		✓	✓
1c		Integration with Azure Compute Resources (Virtual Machines (VMs), Azure Kubernetes Service (AKS), and Azure Functions, Container etc..) [Deployments]			✓
1c		Integration with Azure Developer Tools (DevOps Pipelines and GitHub Actions) [Build, Release, Deployments]		✓	✓
1c		Integration with Azure Databases (Azure SQL Database, Azure Cosmos DB, and Azure Database MySQL)		✓	✓
1c		Integration with Azure Storage (Azure Storage accounts, Azure Blob Storage, and Azure Files)			✓
1c		Integration with Azure Networking Resources(Virtual Networks (VNETs), load balancers, and Azure DNS)			✓
1c		Integration with AI and Machine Learning Resources			✓
1c		Validation for Monitoring, Audit, and Compliance		✓	✓

1

Our Governance Resources

- RSM Governance Offerings
- Microsoft Core Governance, Security, and Compliance Capabilities for Use In Power Platform Scenarios
- Power Platform Connectors Overview - (Focused on Governance and Security)
- Power Platform Governance and Security Structure (Visual)
- High-Level Power Platform Microsoft Integration - M365, D365 and Power Platform (Visual)

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Our Power Platform | Power Factory Contacts

- William McLendon - Power Platform MVP
- Gregory Honemann - Governance Security and Compliance
- Ben Vollmer - Power Factory - Growth and Product Lead
- Simon Chan - Power Factory Principal
- Eugene Napryaglo - Enterprise Architecture

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Power Platform | Power Factory - Next Steps

- Contact RSM with any questions and requests
- Connect with us on the opportunities and value that our Governance Offerings can provide your organization
- QR Code

[Confident Adoption and Safety via Governance
Beyond the Tool Kit - Navigating Governance](#)



Governance and Security on the Power Platform - Q&A

THE POWER OF BEING UNDERSTOOD

Power Platform Governance Visuals and Resources

Microsoft Governance, Security, and Compliance Capabilities for Use In Power Platform

Governance

Security

Compliance

Audit & Compliance

AI

Governance Capabilities

- Microsoft Purview Data Governance
- M365 Collaboration Governance
- Azure Governance with Blueprints
- Microsoft Sentinel solution for Power Platform (Preview)

Security Capabilities

- Microsoft Sentinel
- Microsoft Defender (Suite)
- M365 Defender
- Microsoft Defender for Cloud Apps
- Microsoft Copilot for Security (Preview)
- Microsoft Graph Security (Preview)

Compliance Capabilities

- Microsoft Purview (Suite)
- Microsoft 365 Compliance (Preview)
- Azure Compliance

Power Platform Logging Capabilities

- Microsoft Purview (Suite)
- Azure Monitor
- Dataverse

AI Capabilities

- AI Builder
- Power Automate Plugin for ChatGPT
- Microsoft 365 CoPilot
- Microsoft CoPilot Studio
- Copilot for Services extension (In Preview)
- Microsoft Copilot for Security (Preview)

Incident Management Capabilities

- Microsoft Sentinel

Access Management Capabilities

- Power Platform Admin Center
- Microsoft Entra ID (AAD)
- Power Apps Connections
- Azure Privileged Identity Management (PIMS)

Monitoring Capabilities

- Azure Portal
- Azure Monitor
- Azure Security Center
- Microsoft Sentinel Solution for Power Platform (Preview)

Change Management Capabilities

- Application Lifecycle Management
- Power Platform Pipelines
- Azure DevOps
- Power Apps Connections

Audit Capabilities

- Microsoft Purview (Suite)
- Power Platform Admin Center
- Dataverse Audit

Data Management Capabilities

- Dataverse
- Azure Database, Storage Resources
- Power Apps Connections
- Microsoft Purview

Power Platform Connectors Overview - (Governance, Security, Business Critical)

Governance - High Priority Power Platform Connectors

- Microsoft Entra ID - Access Management
- Microsoft Purview (Preview) - Data Governance, Compliance, and Audit Management, and Change Management Logs
- Microsoft Sentinel (Preview) - Security and Incident Management
- Microsoft Sentinel Solution for Power Platform (Preview) - monitor and detect suspicious or malicious activities in your Power Platform environment.
- Microsoft Defender for Cloud Aps - Security Management
- ServiceNow - Incident Management
- Azure DevOps - Deployment and Release Management via the Power Apps connector for Azure DevOps
- Azure Privileged Identity Management (PIMS) – Access Management (elevated access for incident management)
- Azure Resource Manager
- Microsoft Copilot for Security
- Microsoft 365 Compliance (Preview)
- Microsoft Graph Security (Preview)

Business - High Priority Power Platform Connectors **Microsoft Business Connectors**

- Microsoft 365 (Suite)
- D365 (Suite) including Business Central, Commerce, Customer Insights and Voice, Fraud Protection, Sales Insights, Fin and Ops App, and NAV
- Office 365 (Suite)
- SharePoint
- Microsoft Forms
- Microsoft Teams
- OneDrive (Suite)
- PowerBI
- SQL Server and Database
- Azure SQL Server and Database
- LinkedIn V2
- 365 Training
- Microsoft Translator V2
- Microsoft Partner Center (Preview)
- Microsoft Partner Center Events (Preview)
- Microsoft Partner Center Referrals (Preview)
- Microsoft Translator V3 (Preview)
- RiskIQ (Preview)
- RiskIQ Digital Footprint (Preview)
- RiskIQ Illuminate (Preview)

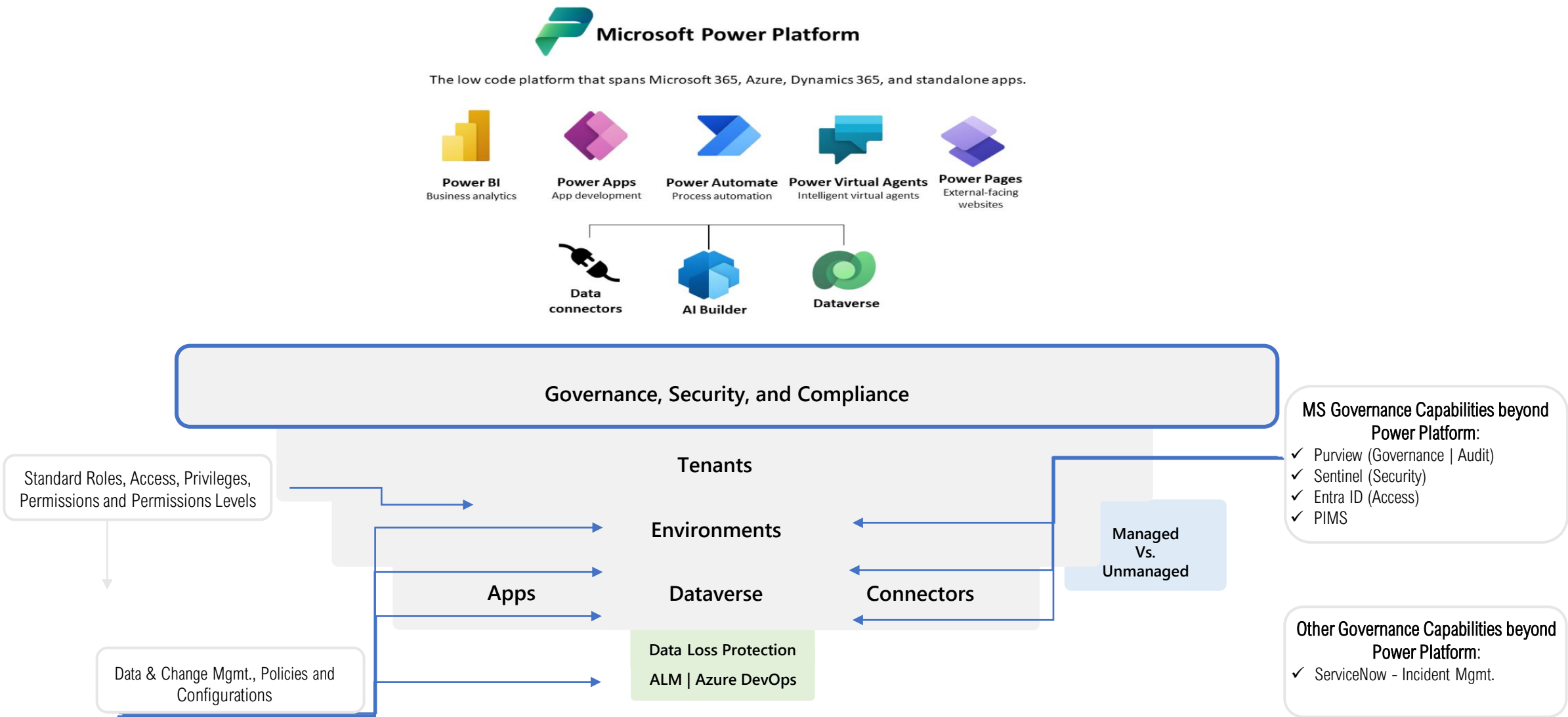
Business - High Priority Power Platform Connectors **Other Business Connectors**

- Salesforce
- SAP
- SAP ERP
- SAP Odata (Preview)
- Amazon S3
- Amazon Redshift (Preview)
- Amazon Athena
- Amazon SQS
- ArcGIS
- ArcGIS PaaS
- ArcGIS Enterprise
- DocuSign
- Google Services (Suite)
- Adobe (Suite)
- Oracle Database
- RSS
- Seismic (Suite) (Preview)
- Snowflake (Preview)
- Stripe
- CRM Bot (Preview)
- CyberProof (Preview) - CDC is a next generation incident management and response platform

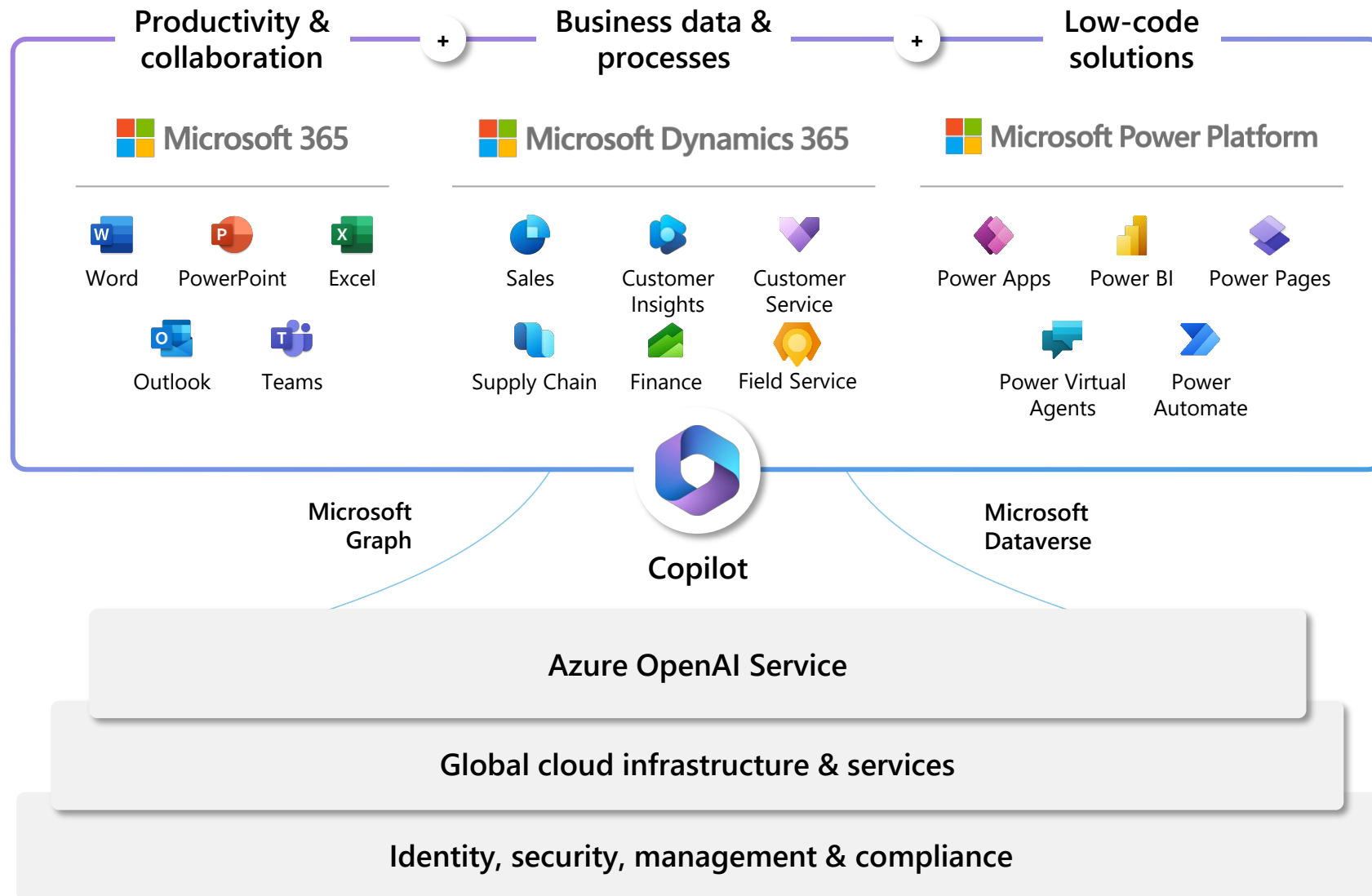
Social Business Connectors

- Dropbox
- Pinterest
- TikTok
- Twitter
- YouTube

Power Platform Governance and Security Structure (Visual)



High-Level Power Platform Microsoft Integration - M365, D365 and Power Platform (Visual)



THE POWER OF BEING UNDERSTOOD