



Agent Readiness Framework

Guiding principles for scaling agents across your organization

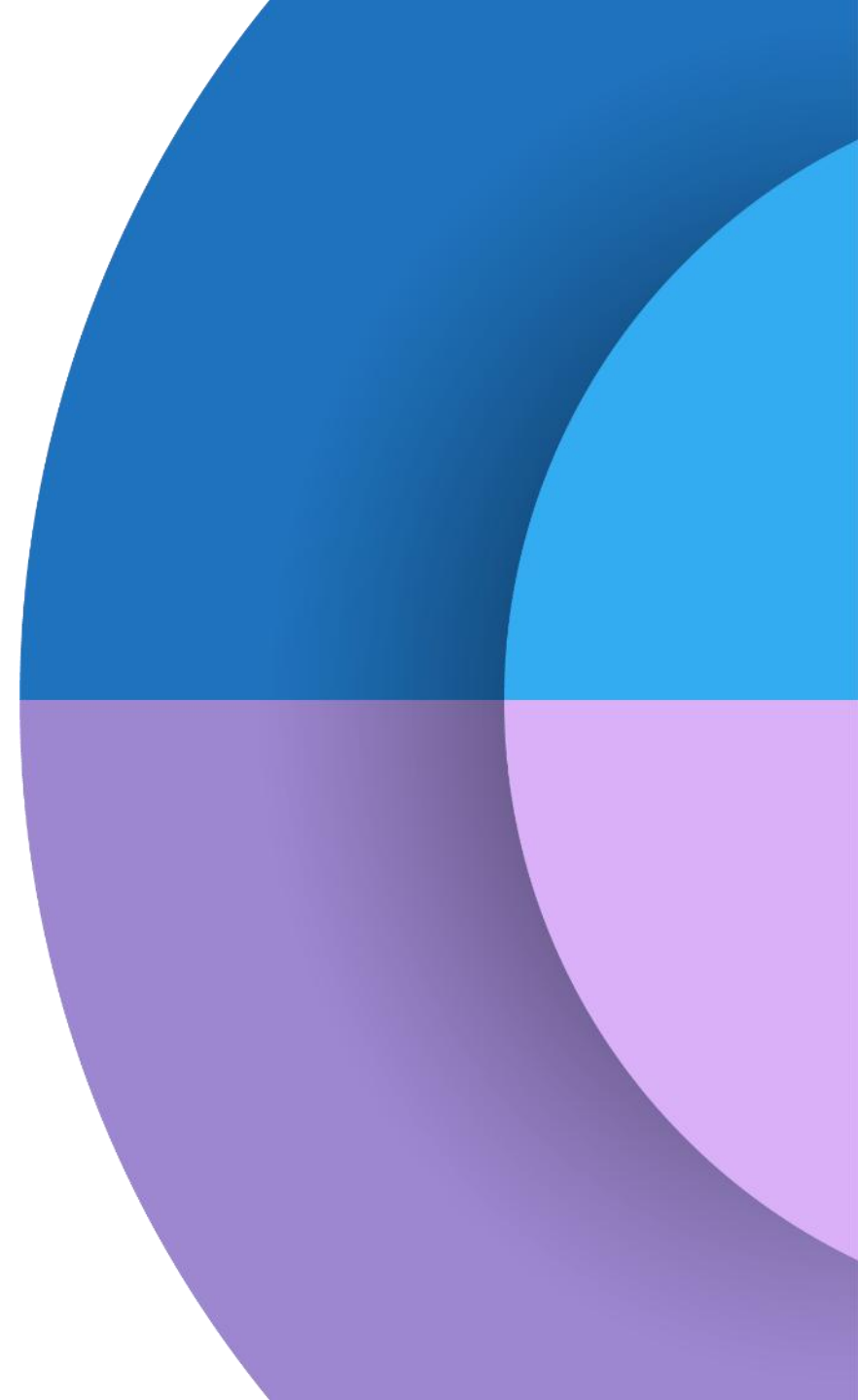
Take the assessment at: [Aka.ms/AgentReadiness](https://aka.ms/AgentReadiness)

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You Will Walk Away With...

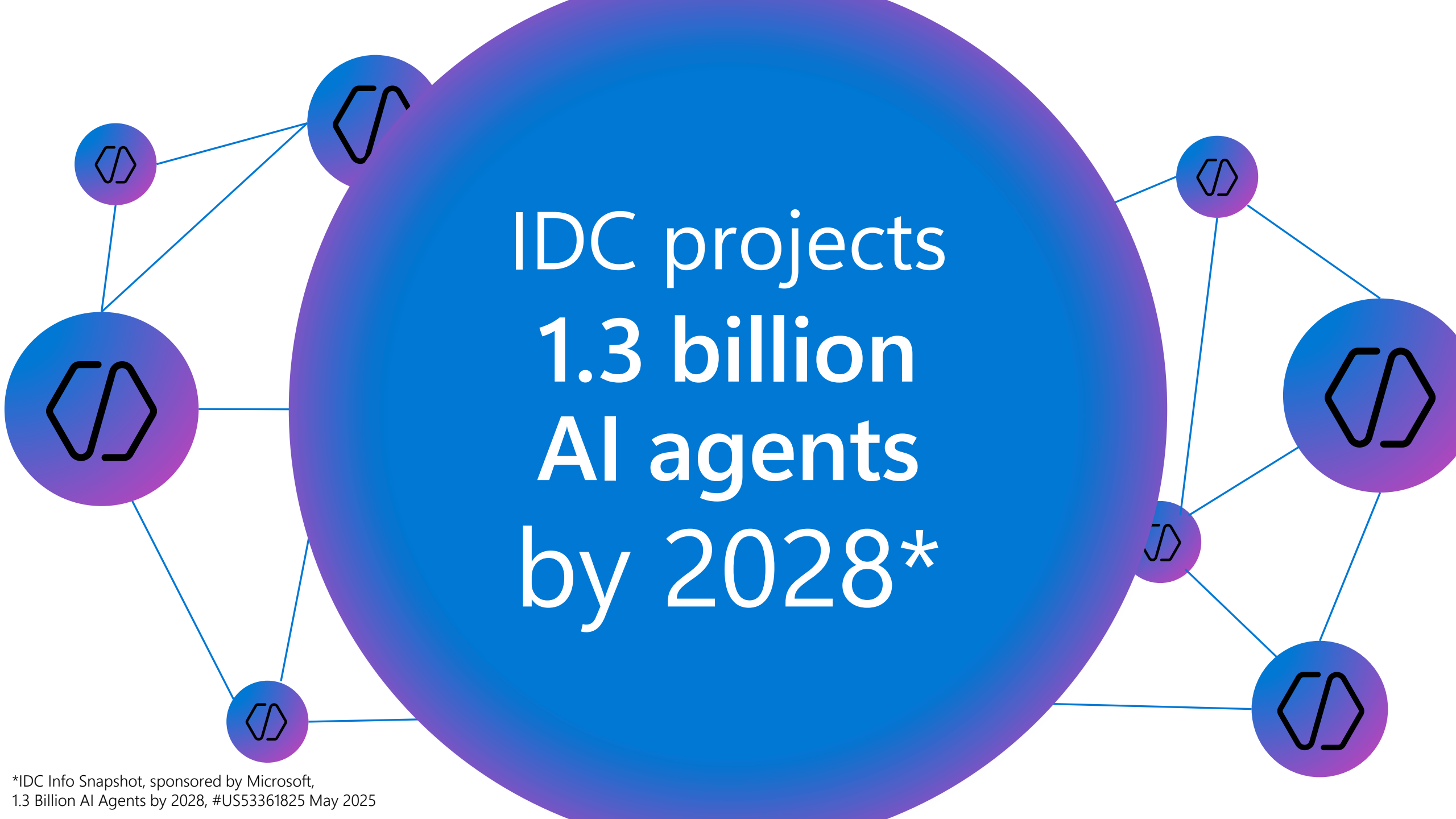
- 1 Understand what is Agent Readiness
- 2 Initial findings from enterprises
- 3 Explore the five pillar framework
- 4 Next steps for your agent readiness journey

What is agent readiness?





Agent readiness is an **organization's ability to design, deploy, and integrate AI agents effectively** and at scale relative to enterprise objectives.



IDC projects
1.3 billion
AI agents
by 2028*

*IDC Info Snapshot, sponsored by Microsoft,
1.3 Billion AI Agents by 2028, #US53361825 May 2025

The agent readiness opportunity

Process knowledge

78% reported a gap in capturing business process and data dependencies to complete workflows, a foundational scoping step for agents.¹

Data foundations

80% report that data is not accessible across teams to support AI use cases.¹

Executive sponsorship

~2 of 3 organizations are still identifying accountable executive sponsors for success of AI initiatives.¹

... Readiness outcome



About four in five organizations report being in or past the pilot stage, including 15% that are re-evaluating their AI strategy and 32% that are looking to scale the technology more broadly across their organization.

Note: All findings are based on self-reported data from survey participants. As with any survey, results may be subject to self-reporting bias and should be interpreted in context.

Source: 1. Microsoft Agent Readiness Survey, September 2025

Agent readiness framework



**AI & Business
Strategy**



**Business Process
Mapping**



**Technology &
Data Strategy**



**Organizational
Readiness & Culture**



**Security &
Governance**

aka.ms/AgentReadinessFramework

What makes up Agent readiness?

Strategy Readiness

Align AI strategy with business objectives by mapping agents to core processes and connecting them to the organization's goals.

Business & AI Strategy Alignment

Business Process Mapping

Agent Readiness



Execution Readiness

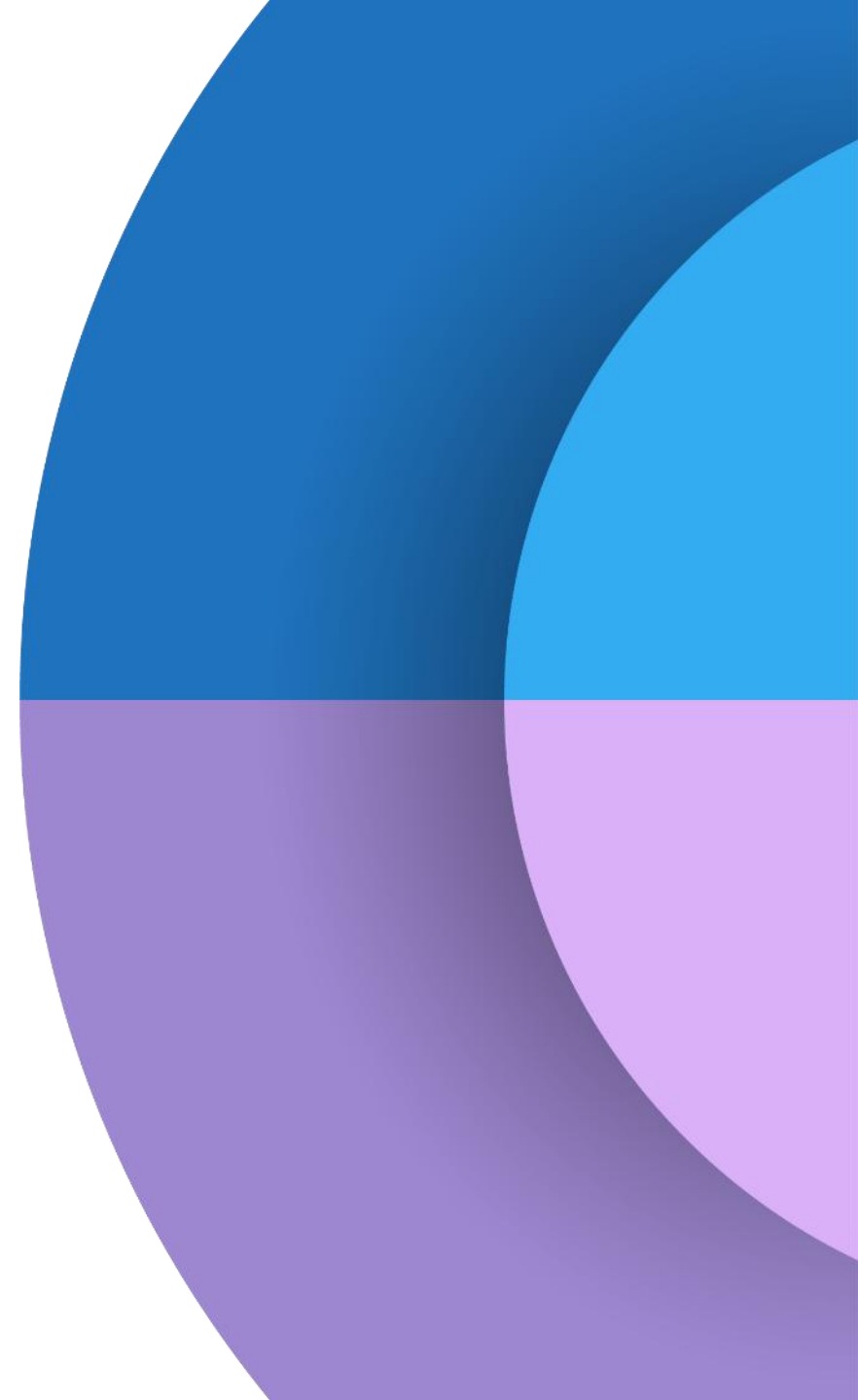
Build the foundation for secure, effective deployment by aligning data and systems, enabling talent, and establishing governance.

Technology & Data Foundation

Organizational Readiness & Culture

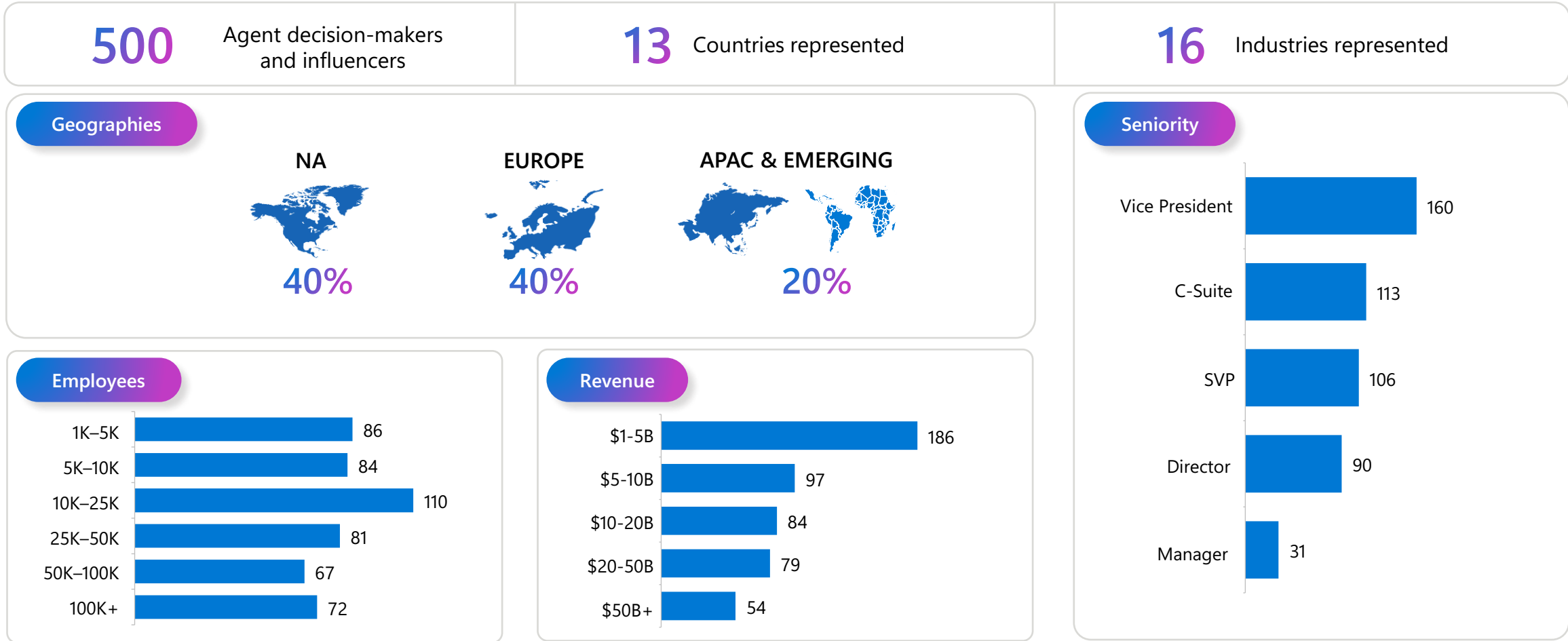
Security & Governance

Agent readiness survey approach



Demographics

The data sample covers 500 enterprise organizations around the globe.



Source: Microsoft Agent Readiness Survey, September 2025

Agent readiness framework questions



Business and AI Strategy

- My organization's leadership has clearly communicated an AI vision tied to business goals.
- My organization takes a unified, cross-functional approach to its AI strategy rather than operating in silos.
- My organization's AI investments are viewed as essential to enabling our long-term business goals.
- My organization measures AI value with clear metrics tied to financial and operational business outcomes.
- My organization has a well-defined strategy to deploy AI agents for better business outcomes.



Business Process Mapping

- My organization has captured the data and data dependencies required to complete workflows/processes.
- My organization has identified and tracked the technology, tools, and applications used across workflows.
- My organization has clearly defined success metrics for each workflow.
- My organization actively monitors workflow performance and collects ongoing feedback.
- My organization is considering how AI agents could be used to redesign existing business processes.



Technology and Data Strategy

- My organization can effectively integrate AI tools and complementary technologies (e.g., data, analytics, automation) into our existing IT systems to support business activities.
- My organization has established data standards and classifications (requirements, format, cleanliness) to ensure high-quality and reliable data.
- My organization has clearly defined owners for maintaining knowledge sources to keep them current and trustworthy.
- My organization has robust governance practices for data preparation and distribution to support effective and compliant data use.
- My organization's data is accessible across teams for AI use cases.



Organization Readiness & Culture

- My organization has a clear talent strategy that defines future jobs, roles, and skills to support an AI-driven business.
- My organization has a training and upskilling plan to prepare employees to use AI-enabled solutions.
- My organization's leadership clearly communicates the importance of AI and encourages usage of AI solutions.
- My organization's employees embrace a culture of innovation by building with AI-powered tools (e.g., creating new agents, AI hackathons, community projects, trainings).
- My organization has adopted effective change management practices to support the transition toward new ways of working with AI and AI agents.

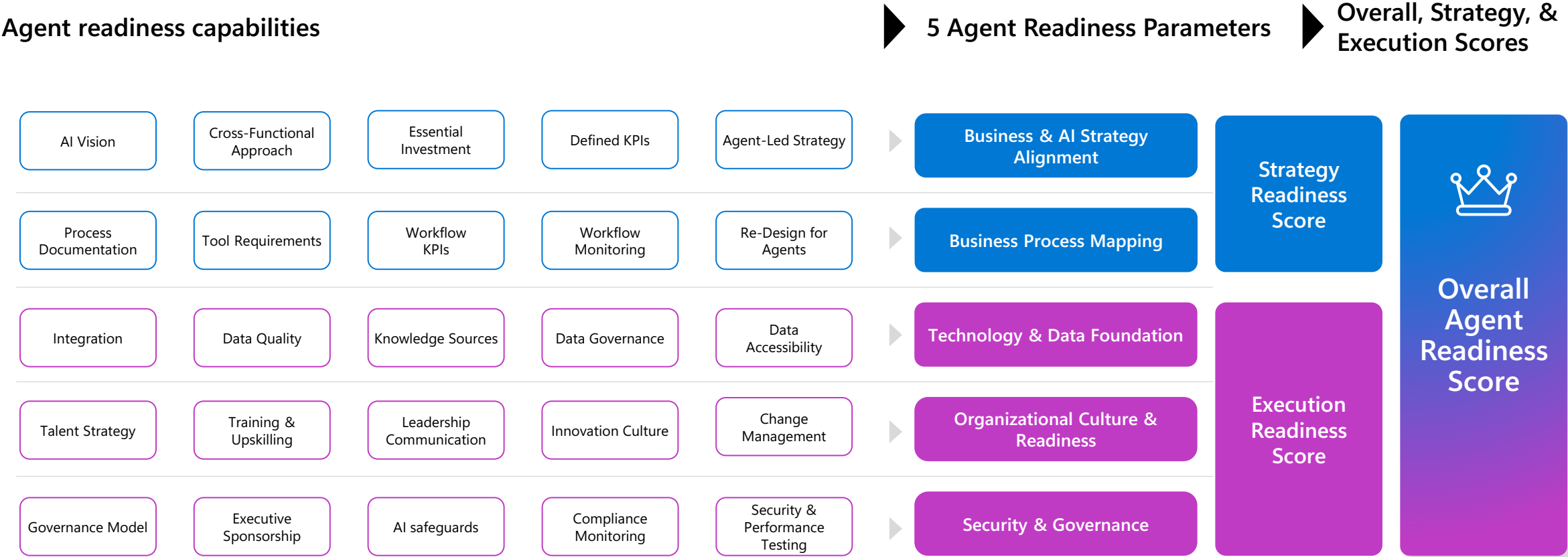


Security & Governance

- My organization has a governance model (e.g., Center of Excellence) that includes clear roles and responsibilities for AI-related initiatives.
- My organization has designated executive sponsors accountable for successful AI initiatives.
- My organization has safeguards in place to make sure AI is used safely and responsibly (e.g., limiting access to sensitive data, controlling sharing, testing for risks).
- My organization actively monitors AI usage to ensure compliance with regulatory policies and responsible AI principles.
- My organization performs security and performance testing on AI and agents to ensure a successful deployment.

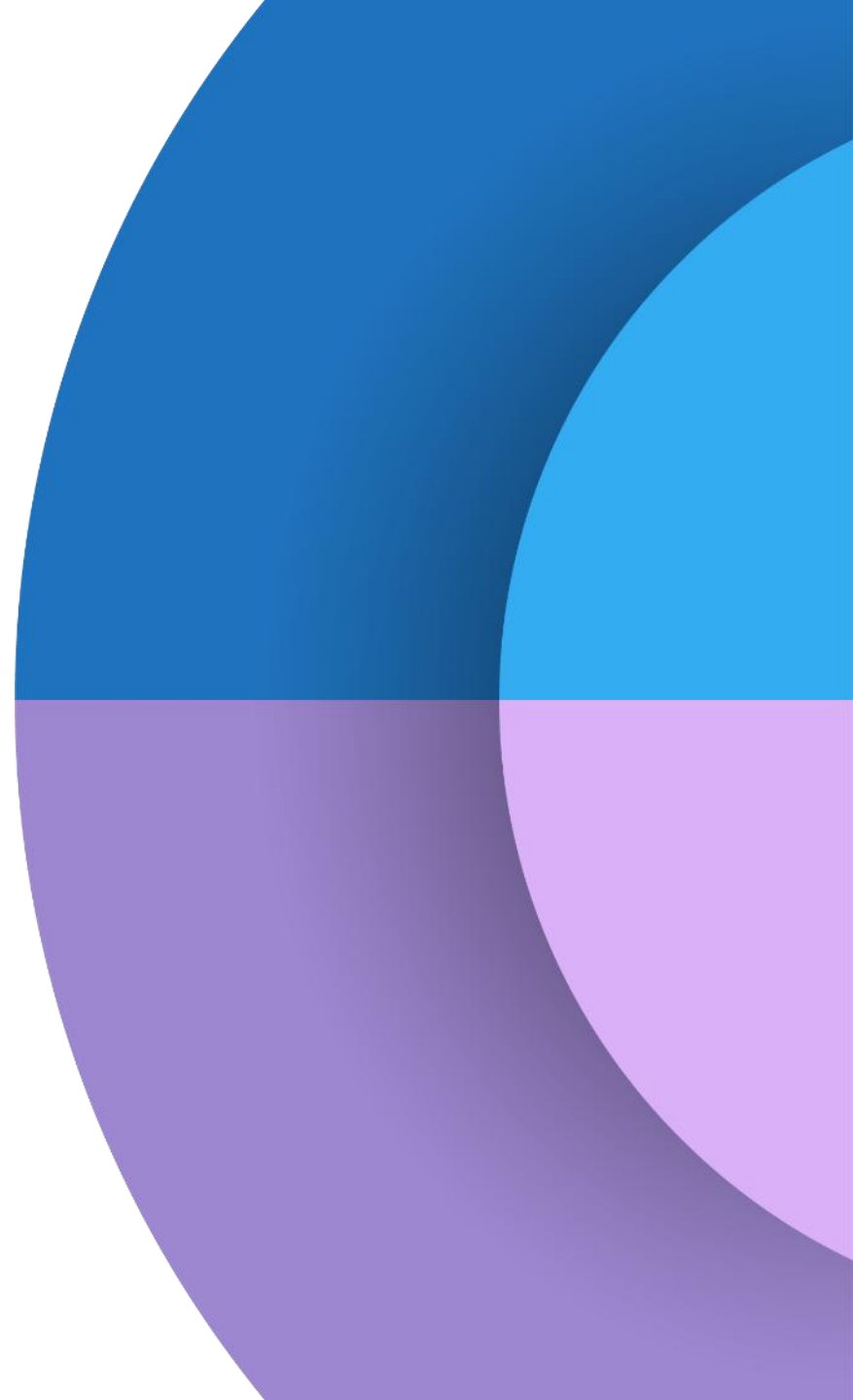
Agent readiness methodology

Scoring weightings were developed based on the strength of variable correlations and regression (R^2). Guardrails were established to ensure all variables represented at least 10% of the 5 pillar scores





Source: Microsoft Agent Readiness Survey, September 2025

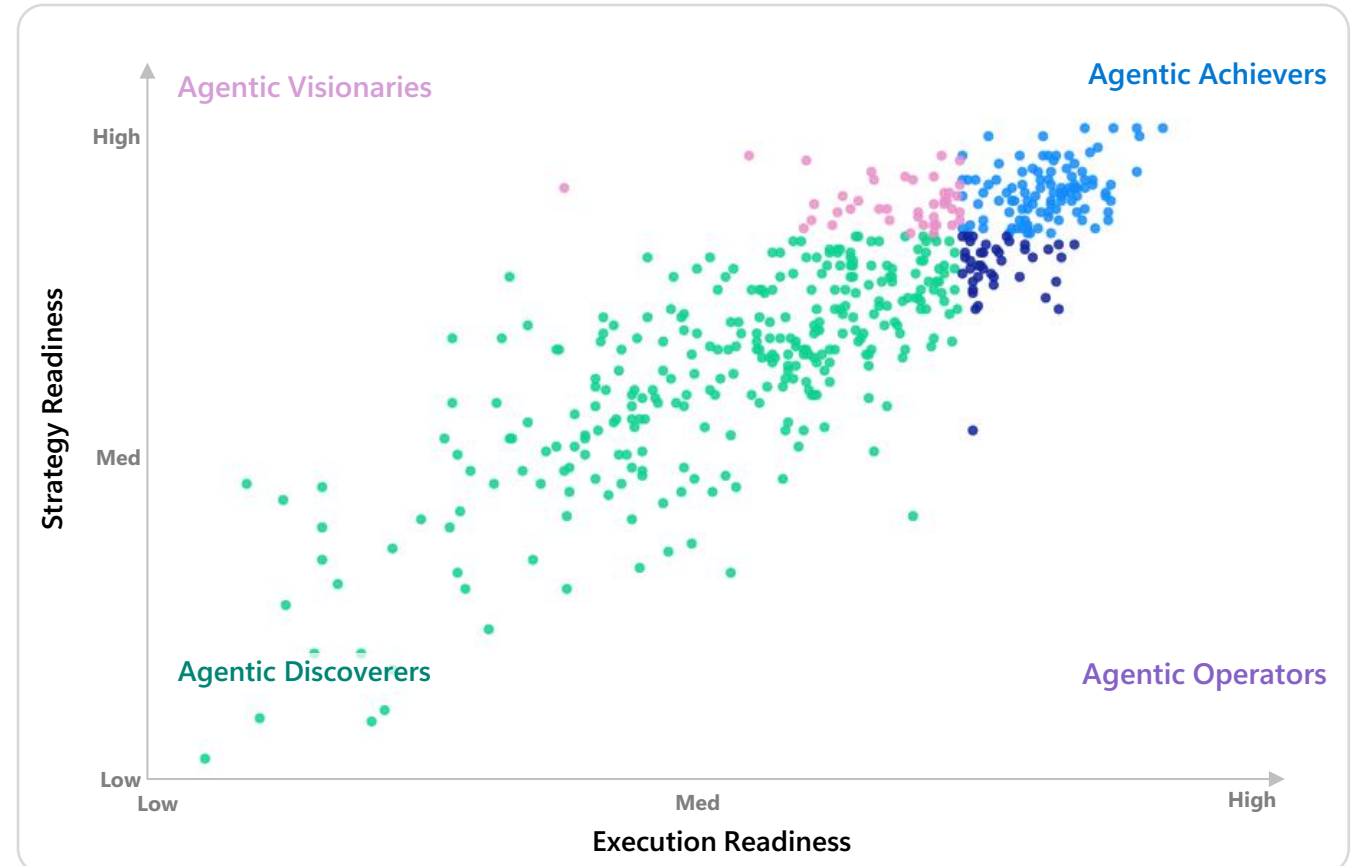
Agent readiness findings



Agent readiness segments

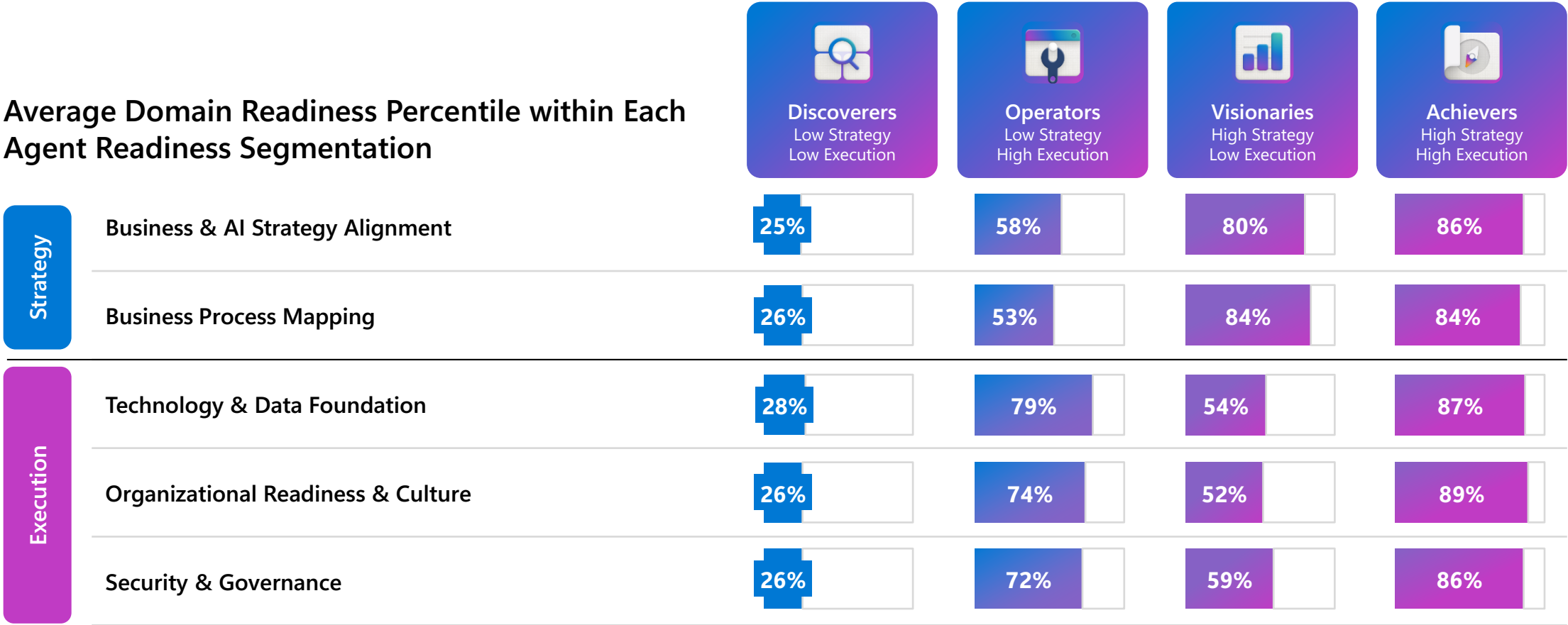
Segmentations were defined using the percentiles of respondents' Strategy and Execution Readiness scores relative to their peers

Segment	Percentile
 Achievers High Strategy High Execution	70 th Percentile or higher on both Strategy readiness and Execution readiness
 Visionaries High Strategy Low Execution	70 th percentile or higher in Strategy readiness; below 70 th percentile in Execution readiness
 Operators Low Strategy High Execution	70 th percentile or higher in Execution readiness; below 70 th percentile in Strategy readiness
 Discoverers Low Strategy Low Execution	Below 70 th Percentile on both Strategy and Execution readiness



Segmentation scoring by readiness domain

Average Domain Readiness Percentile within Each Agent Readiness Segmentation



Why Agent Readiness Matters

By aligning strategy and execution, businesses can create the conditions for agents to deliver measurable value at speed and scale.

Agent 'Achievers' in the top 70th percentile for both strategic and execution readiness self-reported scaling agents roughly 2.5× faster than Discoverers.

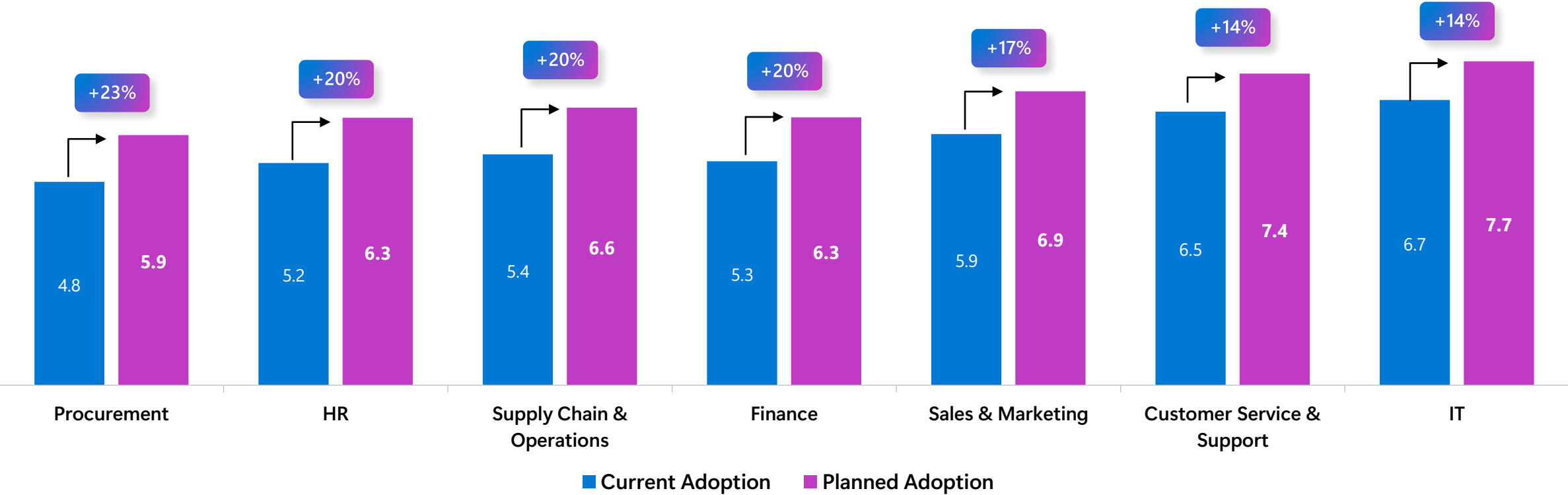
Average Self-Reported Timelines for Deploying AI Agents Beyond Pilots by Agent Readiness Segment



Current and planned agentic AI adoption

Current vs. Planned Agentic AI Adoption by Function

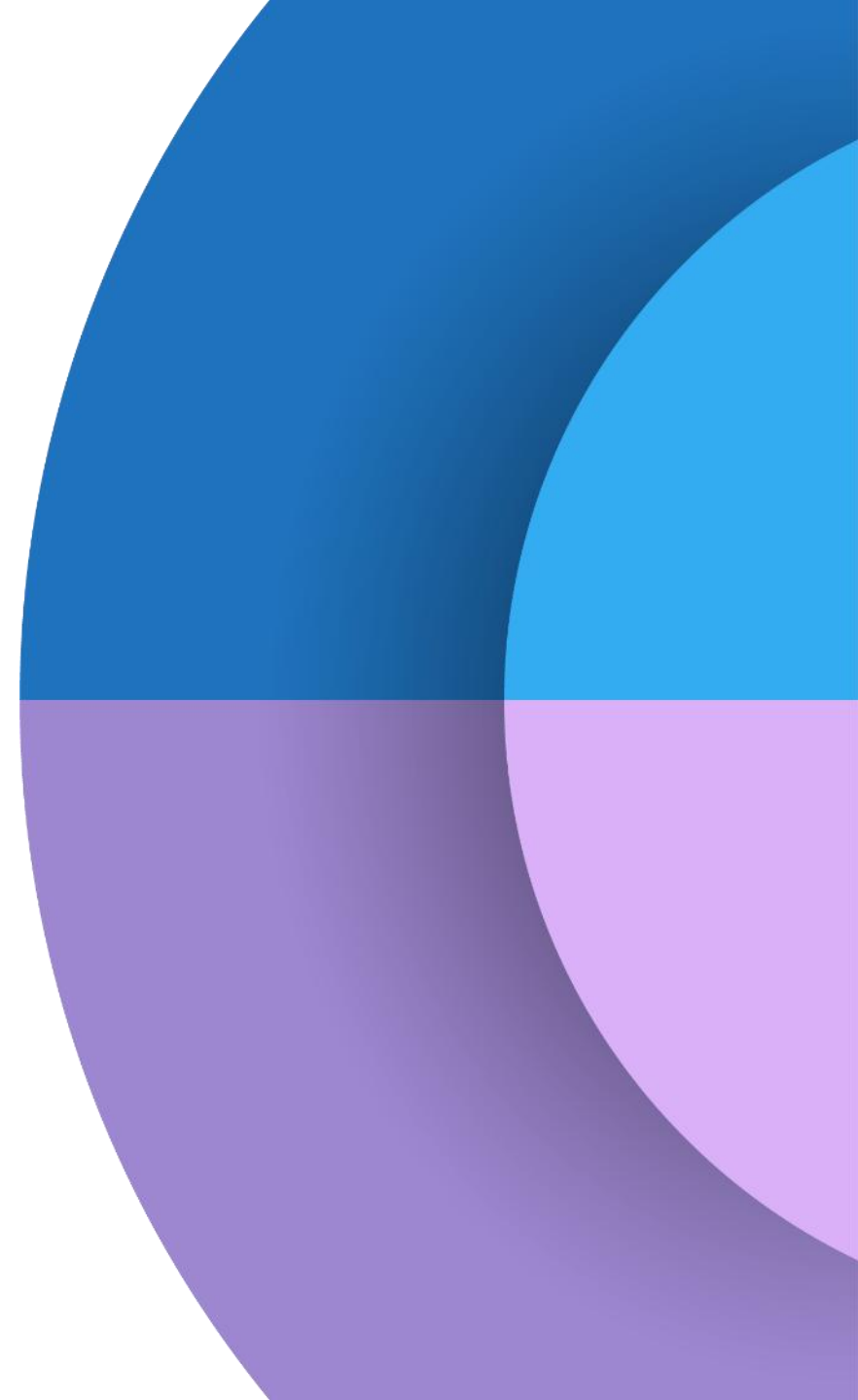
Self Reported degree have the following areas of your business adopted AI and Agents? (0 being No Adoption, 10 being Highest Adoption + N/A/Not Sure option).



Source: Microsoft Agent Readiness Survey, September 2025

Note: All findings are based on self-reported data from survey participants. As with any survey, results may be subject to self-reporting bias and should be interpreted in context.

Agent readiness pillar breakdown



Pillar 1: Business & AI Strategy Alignment

Ensure agentic projects serve strategic business objectives

Effective agentic AI adoption starts with a clear strategy that drives execution and aligns with business goals. Organizations working toward readiness in this area often describe creating enterprise-wide agentic roadmaps, securing executive sponsorship, and funding projects based on business cases designed to support measurable outcomes.

Key takeaways:



Anchor in KPIs

Build an enterprise-wide AI/agentic roadmap with milestones and metrics, and link agent initiatives to KPIs, revenue, and cost reduction.



Fund with intent and measure ROI

Investment should flow to business-critical, measurable use cases. Require business case validation and standardize ROI measurement frameworks.



Secure sponsorship

Establish cross-functional AI/Agentic center of excellence to govern and scale impact.

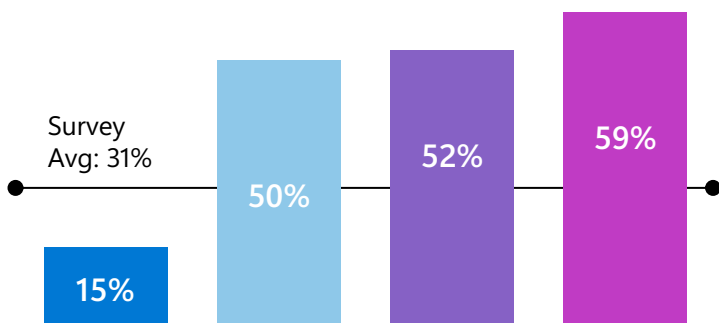
Business & AI Strategy Alignment

AI strategy alignment is emerging as a differentiator, particularly for Achievers and Visionaries.



Enterprise-Wide Approach to AI

% of enterprises that reported “strongly agree” to taking a unified, cross-functional approach to AI rather than operating in siloes.¹

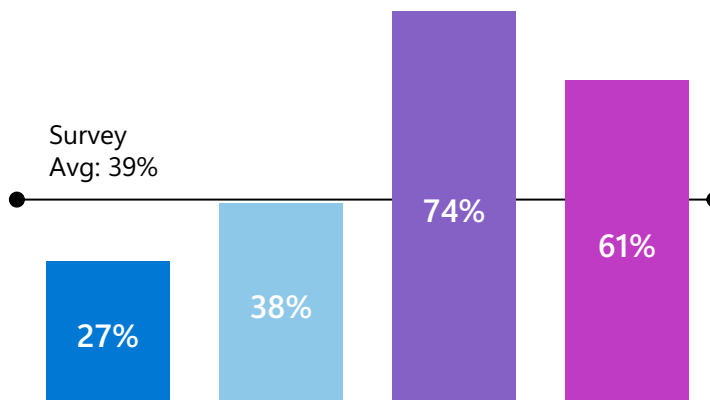


Discoverers Operators Visionaries Achievers

Discoverers show less emphasis on unified, cross-functional AI strategies compared to other segments, suggesting early-stage alignment work.

View AI as Essential Investments

% of enterprises that reported “strongly agree” to making AI investments that are essential to achieving long-term business goals.¹

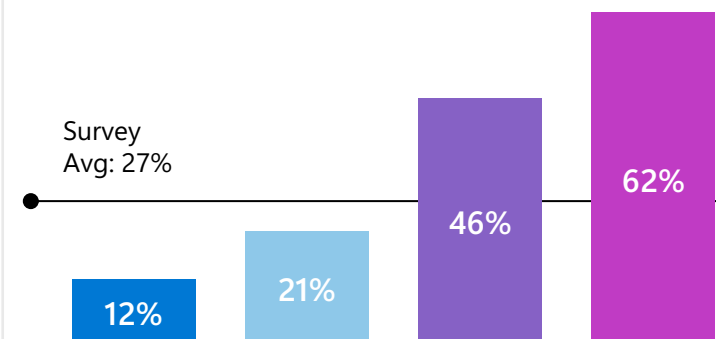


Discoverers Operators Visionaries Achievers

Visionaries report higher confidence in AI investments, signaling strong alignment between strategy and long-term value.

Tracking AI Value

% of enterprises that reported “strongly agree” to tracking the value of AI initiatives using clear financial and operational business outcomes.¹



Discoverers Operators Visionaries Achievers

Success metrics adoption appears less common among Discoverers and Operators, which may indicate a gap between strategic intent and measurable outcomes.

¹Microsoft Agent Readiness Survey, September 2025

Note: All findings are based on self-reported data from survey participants. As with any survey, results may be subject to self-reporting bias and should be interpreted in context.

Where are you on the journey to Becoming Frontier?

Success framework

Enrich employee experiences

Do your employees use AI to onboard faster, get answer instantly and navigate policies easily?

Do you use AI agents to personalize learning and guide career growth?

Are you automating end-to-end onboarding, benefits, and internal mobility processes?

Reinvent customer engagement

Do your customer-facing teams use AI to get ready for customer meetings?

Do you use agents to triage customer issues and inquires across multiple channels?

Do you have multiple agents that fully resolves customer problems?

Reshape business processes

Do operations teams use AI to work more efficiently?

Do AI agents proactively gain insights and help improve operations?

Are you automating department workflows like procurement, compliance, and IT support?

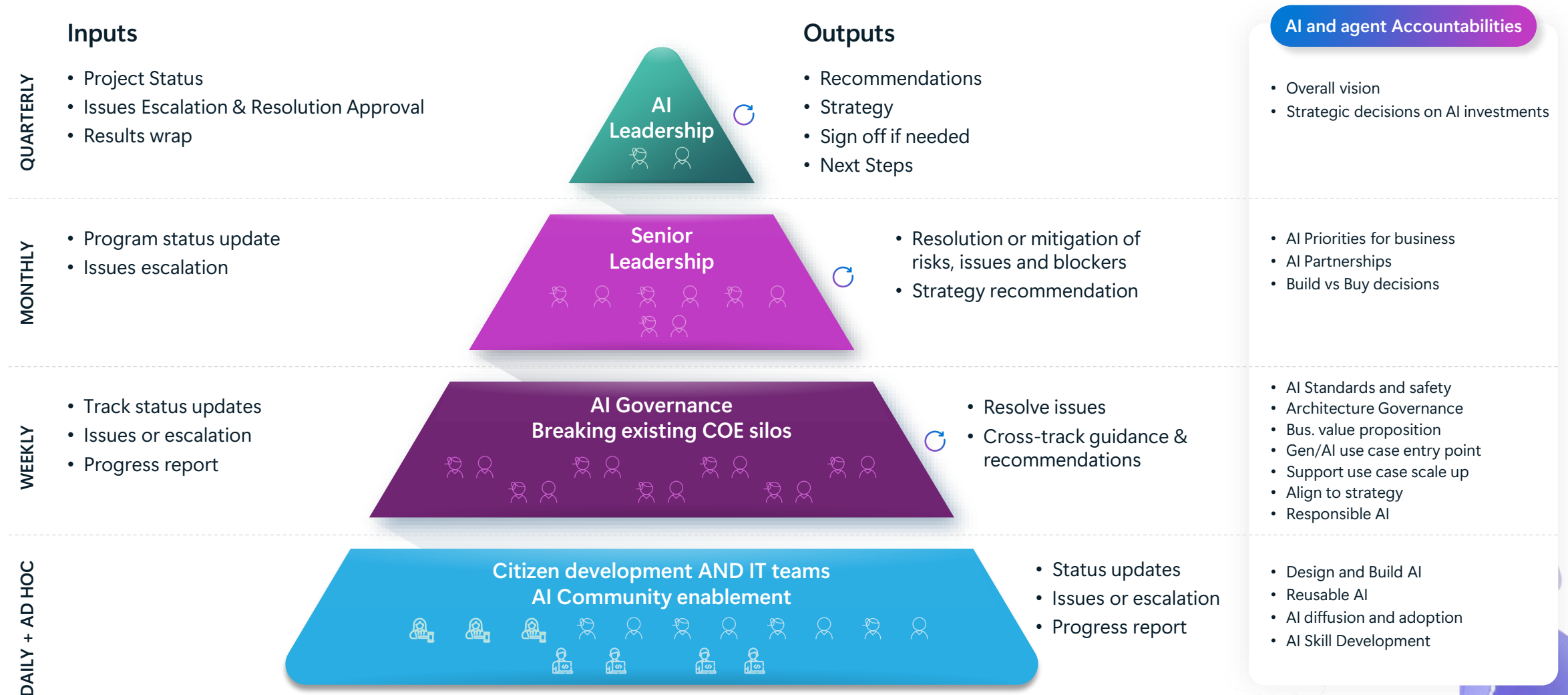
Bend the curve on innovation

Do your developers leverage AI to speed up product development?

Do AI agents automate testing, docs, and releases?

Are you implementing multiple agents across your product development pipeline?

Structuring for AI and agent success



Success metrics to business strategy

Purpose: To measure the effectiveness, adoption, and impact of the agent governance framework. These metrics ensure accountability, highlight ROI, and guide continuous improvement.

Core governance metrics

Metric	Definition	Target
Structured intake coverage	% of agents reviewed and approved through the formal intake process.	100%
Agent registry adoption	% of agents registered in the centralized inventory with complete metadata.	100%
RAI and compliance documentation	% of agents with completed RAI, privacy, and security documentation.	100%
Toolkit and playbook utilization	Number of enablement toolkits/playbooks adopted by teams for agent building.	X+

Operational and business impact metrics

Metric	Definition	Target
Agent ROI	Estimated cost savings, time reduction, or quality improvement from agent deployment.	\$X+
Workflow automation	Number of traditional workflows transitioned to agentic execution.	X+
Reusable components	Number of agent components reused across solutions.	X+
Agent performance monitoring	% of agents with live dashboards tracking latency, accuracy, and usage.	X%

Cultural and fluency metrics

Metric	Definition	Target
Team AI fluency	% of teams with at least one agent in development.	X%
Learning engagement	Participation in agent office hours, peer learning, and certifications.	Monthly sessions + Certifications
Confidence and adoption	Employee-reported confidence using AI tools.	X%

Pillar 2: Business Process Mapping

Document and modernize business processes to unlock value.

Agents are only as effective as the processes they run. Poorly documented or outdated workflows could lead to errors, compliance risks, and wasted investment. Leading organizations map end-to-end workflows, embed business rules and context, and continuously update processes to help agents operate with accuracy, compliance, and measurable impact.

Key takeaways:



Map what matters

Target high-volume, high-value workflows and document every workflow step, dependency, and rule.



Add business context

Document the “why”, or target goals, behind processes (e.g. outcomes, SLAs, and compliance so agents deliver results aligned to enterprise goals).



Continuously refine

Treat process documentation as a living asset, updating with performance data and feedback to keep agents accurate, relevant, and effective.

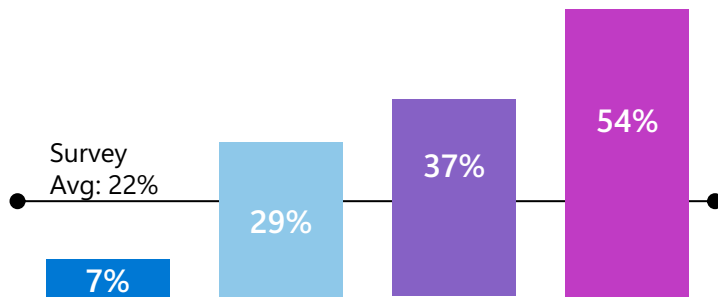
Business Process Mapping

Greater clarity in processes, tools, and success measures could support a shift toward more mature AI adoption.



Documented Processes

% of enterprises that reported “strongly agree” to capturing the business process and data dependencies needed to complete workflows.¹

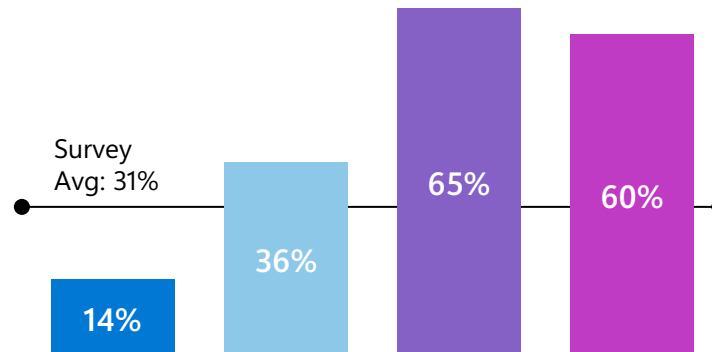


Discoverers Operators Visionaries Achievers

Discoverers show the lowest capture of processes while Achievers lead significantly, underscoring a wide maturity gap in documenting dependencies.

Mapped Workflow Technology & Tools

% of enterprises that reported “strongly agree” to having identified and tracked the technologies, tools, and applications used across workflows.¹

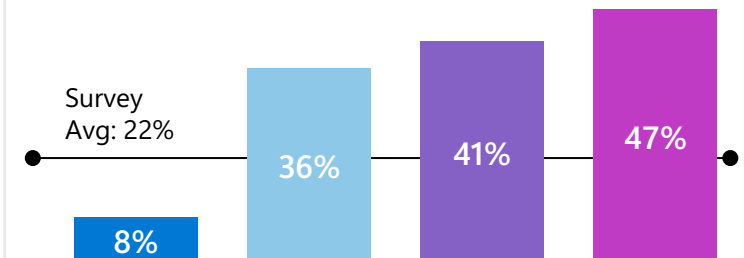


Discoverers Operators Visionaries Achievers

Visionaries and Achievers show stronger confidence in system mapping, while Discoverers lag—indicating uneven clarity in linking tools to workflows.

Workflow Success Metrics

% of enterprises that reported “strongly agree” to defining success metrics for each workflow in their organization.¹



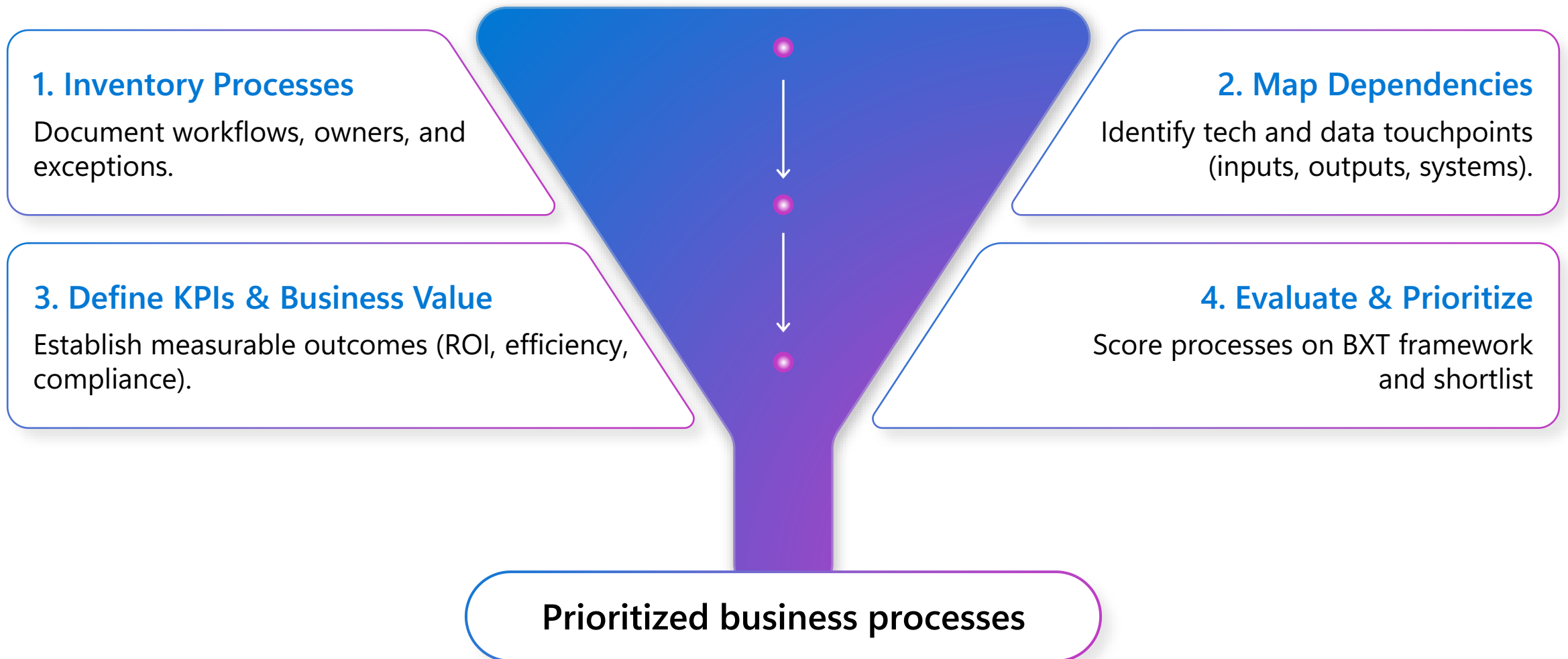
Discoverers Operators Visionaries Achievers

Defining KPIs for individual workflows remains lower across segments, signaling an opportunity to strengthen measurement practices.

1. Microsoft Agent Readiness Survey, September 2025

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Business Process Mapping



Selecting the right agent use cases with the BXT framework

BXT = Business, Experience, Technology framework



Pillar 3: Technology and Data Foundation

Establish the technical and data foundation needed to deploy AI agents at scale.

A robust technology and data backbone supports agentic AI by enabling integration across workflows, access to high-quality data, and the potential to deliver business value. Without unified, scalable, and secure infrastructure, agents may be limited in their ability to operate effectively.

Many leading IT teams are re-architecting around platform-led models, modular APIs, and governed data fabrics to enhance agility, build trust, and support business objectives.

Key takeaways:



Adopt a platform-led approach

Centralize AI capabilities on enterprise platforms with out-of-the-box capabilities to develop, govern, reuse, and scale securely.



Get data enterprise-ready

Implement enterprise-wide data standards, owners, and refresh cadences to ensure current, trusted data.



Secure and scale integration

Build modular, interoperable agents to deliver - enterprise impact.

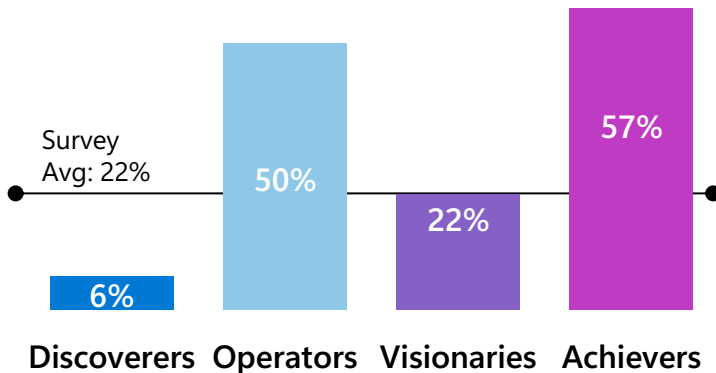
Technology & Data Foundation

Integrated systems, clear ownership and accessible data set apart the achievers from the discoverers



Integrated AI into Existing IT Systems

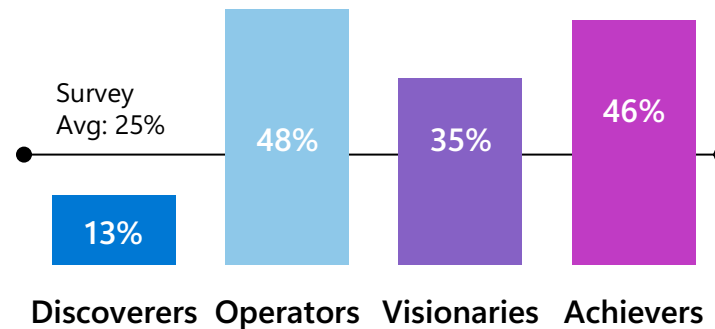
% of enterprises that reported “strongly agree” to effectively integrating AI tools and complementary technologies (e.g., data, analytics, automation) into existing IT systems to support business activities..¹



Achievers/Operators show higher integration of AI into existing systems, while Discoverers face challenges—suggesting a need for technical architecture reviews before scaling.

Defined Owners of Knowledge Sources

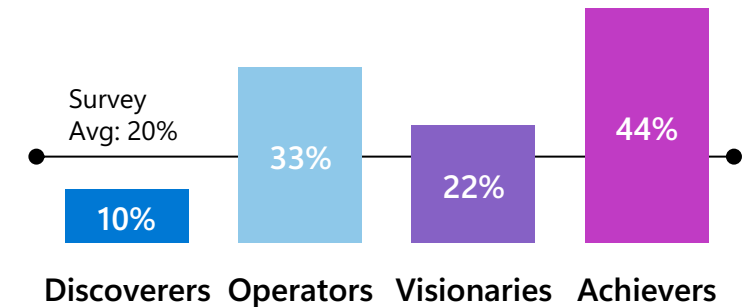
% of enterprises that reported “strongly agree” to having clearly defined owners for maintaining knowledge sources to keep them current and trustworthy.¹



Ownership for maintaining knowledge sources is uneven: Operators and Achievers are higher, while Discoverers fall well below, signaling early-stages.













Data Accessibility

% of enterprises that reported “strongly agree” to data at their organization being accessible a teams for AI use cases.¹



All segments still need to advance in translating data into usable formats and enabling secure access for full scale of agentic solutions.

What does your AI technology stack look like?

User Experience Multi-channel, multi-modal	 Copilot	 Teams	 Office	 Web	 Mobile	 Email	3 rd parties including Facebook, Slack, Twilio		
Building tools Construction w/ enterprise governance	 Copilot Studio No/low code agent logic	 M365 Agents SDK Pro-code composition for M365		 AI Agent Service Pro-code composition					
Model Hosting Choice of foundation models w/enterprise management	 Microsoft Foundry Managed, partner, & community models		 Self-Hosted Run models in Azure, on-premises, or in other clouds		 Other Clouds Use APIs to integrate models exclusive to other clouds				
Knowledge & Tools Connect to enterprise content & perform actions in other systems	Agent to Agent Connect to other agents		Model Context Protocol Context from other systems		OpenAPI Connect to existing APIs		Microsoft M365, Fabric, Power Platform	Build/Buy Build & buy connectors	
Agent 365	Data Security Protect data from oversharing, leaks and risky behavior		Threat Protection Proactively protect from vulnerabilities at runtime		Access Control Context and risk-based access policies		Observability Unified agent inventory		
Environment management	Environment strategy Groups, rules and routing	Lifecycle management Deployment, solutioning, and evaluations		Connector Policies Safeguard data sources.		Performance monitoring Monitor agents KPIs		Proactive governance Action center	Cost Controls Manage usage and billing

Pillar 4: Organizational Readiness & Culture

Preparing your people, structures, and culture is important for building trust and enabling successful agent adoption at scale.

While technology plays an important role, people and organizational practices are central to realizing long-term benefits from agentic transformation. Many organizations prioritize trust, governance, and collaboration between humans and agents as part of their readiness journey, aiming to foster productivity, adoption, and sustainable impact.

Key takeaways:



Build trust as a foundation

Embed responsible AI guardrails and communicate openly about where agents augment vs. where humans decide.



Close skills gaps

Launch enterprise-wide upskilling for leaders, frontline staff, and makers. Empower champions to model adoption.



Redesign for collaboration

Structure teams so people focus on judgment, relationships, and innovation while agents take on repeatable, high-volume work.

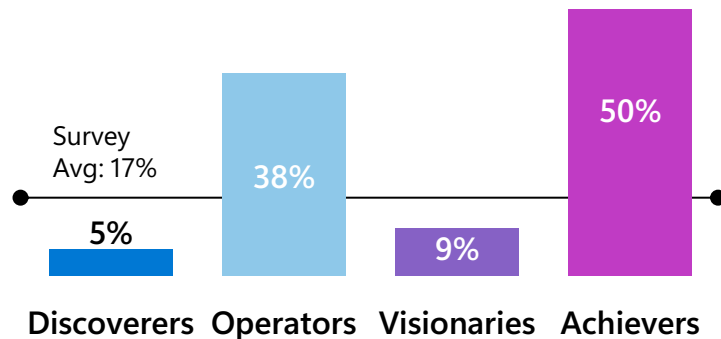
Organizational Readiness & Culture



Organizational readiness for AI varies widely, with differences in talent strategies, innovation culture, and change management. It remains a growth area for many organizations to launch and scale agents.

Reinvented Talent Strategy

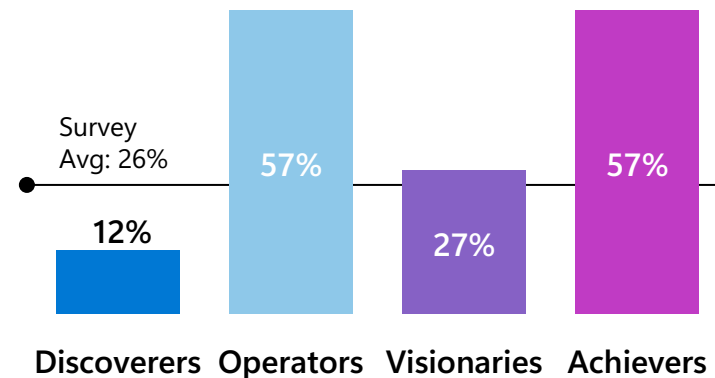
% of enterprises that reported “strongly agree” to having a clear talent strategy that defines future jobs, roles, and skills to support an AI-driven business.¹



Though half of Achievers reporting having a clear talent strategy to support AI, Visionaries and Discoverers are highly nascent in this transformation.

Culture of innovation

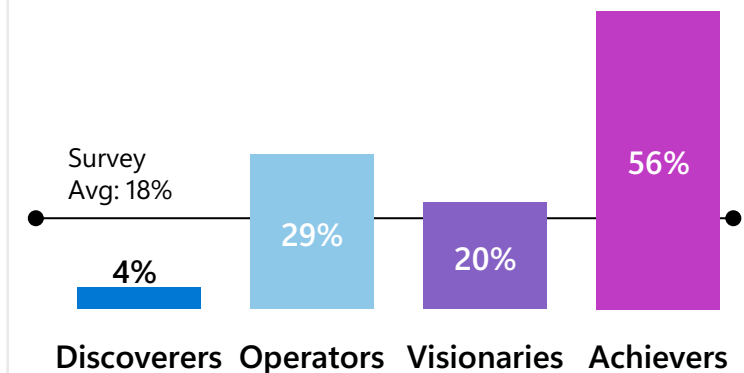
% of enterprises that reported “strongly agree” to embracing a culture of innovation by building with AI-powered tools.¹



Over half of Achievers and Operators reported having a culture of innovation to support innovation with AI tools.

Adopted Change Management

% of enterprises that reported “strongly agree” to adopt effective change management practices to support the transition towards new ways of working. ¹

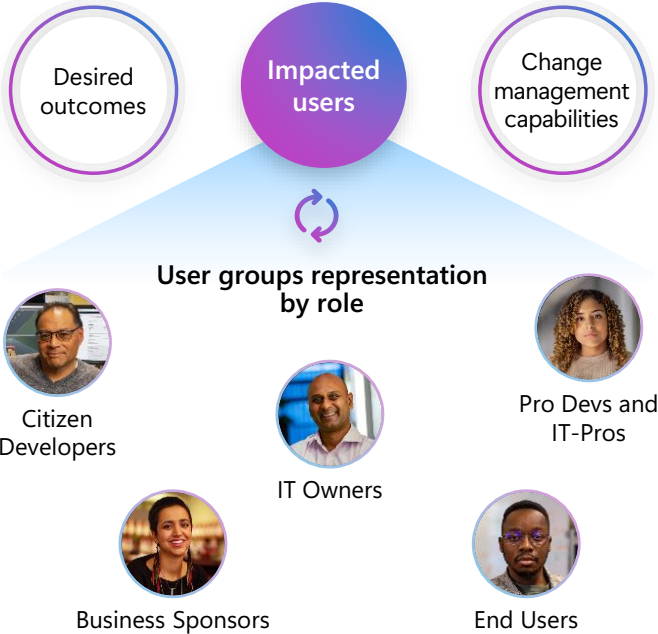


Adoption of effective change management practices is the largest distinction between Achievers and Discoverers.

Preparing for training and upskilling

Identify employee groups

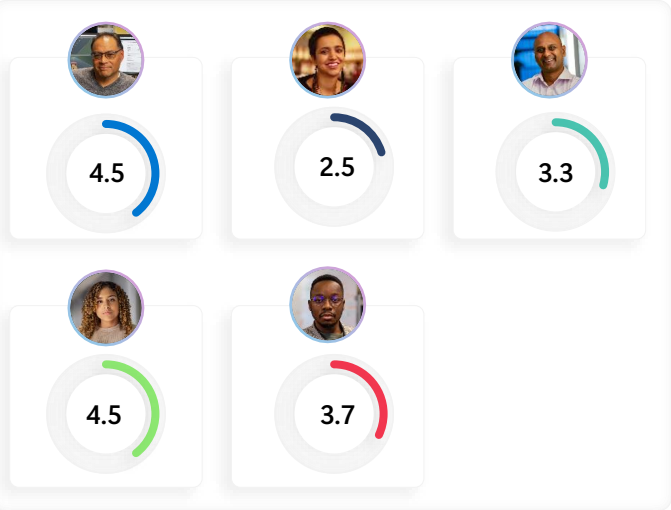
Each impacted group has a distinct set of characteristics and requires a specific method to bring the workforce to life.



AI maker readiness

Assesses the overall readiness of the employees in the organization to develop required learning paths and foster the right level of engagement for the community.

Maturity level



Specific learning paths

Develop formal learning paths for the different impacted groups and build a strategy to implement an AI maker community for organization-wide innovation.



Identify, assess, and develop AI talent with targeted learning paths

Drive knowledge sharing across the whole organization

Community of practice

Launch maker community



Hackathons



Ideation sessions



Agents



Communities

Documentation on processes and resources

Best practices and success cases

Learning paths

Launch and promote a community through hackathons, ideation sessions, sharing best practices, and success cases.

Community engagement

Leadership engagement



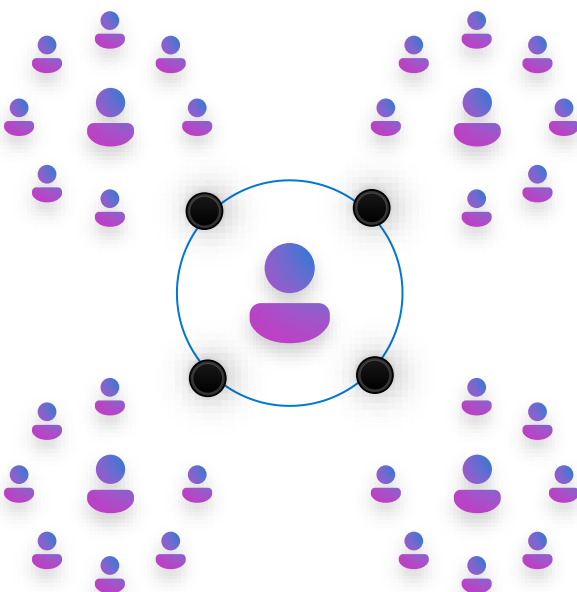
Community members onboarding



Developer engagement

Onboard and engage sponsors and organizational leaders to support a community of practice that empowers everyone. Onboard and engage community members at all levels, from beginner to experienced developers.

Scale and grow



Promote continuous engagement and growth of the community through community champions and events to empower everyone.

Foster a thriving AI community through engagement and shared best practices

Pillar 5: Security and Governance

Embed responsible AI governance and protections early to help support safe, enterprise-wide adoption.

Scaling agents without governance can increase risk, so many organizations are exploring ways to integrate responsible AI principles into their operating models. This may include establishing risk frameworks, monitoring mechanisms, and clear escalation paths. Balancing speed with safeguards can help organizations build trust and manage adoption responsibly.

Key takeaways:



Embed responsible AI

Apply frameworks for fairness, transparency, and oversight from the start.



Govern at scale

Use tiered models (sandbox → team → enterprise) to accelerate innovation with control.



Monitor and adapt

Continuously audit agent performance, retrain models, and reevaluate/redesign those that underperform.

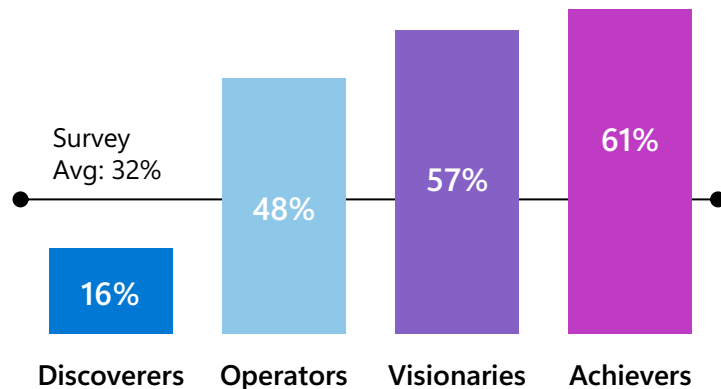
Security & Governance



Security and governance maturity is generally higher than other readiness pillars, though gaps in safeguards and compliance monitoring persist across segments.

Accountable Executive Sponsors

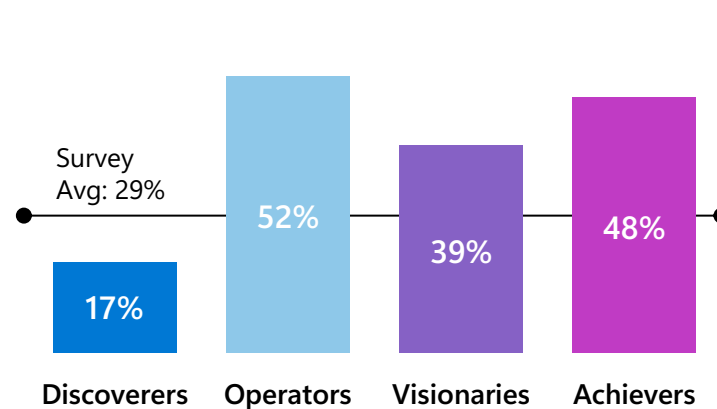
% of enterprises that reported "strongly agree" to designating executive sponsors accountable for the success of AI initiatives.¹



The higher average response suggests that executive sponsors are table stakes for most organizations' in having AI initiatives

Established Safeguards

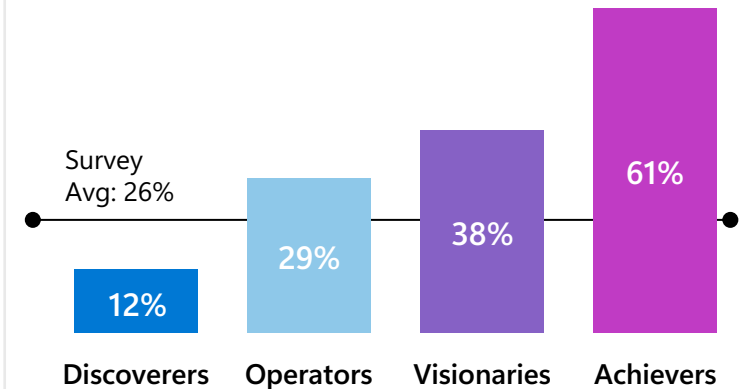
% of enterprises that reported "strongly agree" to having safeguards to ensure AI is used safely and responsibly.¹



Operators report the highest focus on safeguards, surpassing Achievers, while Discoverers remain far behind, highlighting varied maturity in AI controls.

Aligned with Compliance Regulations

% of enterprises that reported "strongly agree" to actively monitoring AI usage to ensure compliance with regulations and responsible AI principles.¹



Achievers show strong compliance monitoring, but Discoverers report minimal activity, signaling risk for shadow AI and non-compliance.

Secure and govern agents

Start secure



Stay secure

Security and governance

Manage makers and agents

Build data security and safety guardrails

Evaluate AI and agents
AI Red Teaming Agent and evaluation

Manage posture and protect against threats

Secure and govern data and access

Foundational commitments

Secure by design, secure by default,
secure operations
Secure Future Initiative



Data is private at work, at home,
and on the go
Privacy principles



Fairness, reliability and safety, privacy and
security, inclusiveness, transparency,
accountability
Responsible AI principles



Agent governance

Purpose

Ensure agents are secure, compliant, reusable, and aligned with business priorities.

Promote modular, reusable agent components.

Prevent misuse of AI capabilities.

Benefits



Strategic role

A foundational pillar of AI-native operations and responsible agent scaling.



Risk mitigation

Reduces duplication, enforces compliance, and embeds responsible AI (RAI) principles.



Lifecycle management

Defines clear stages from Ideation to deployment and monitoring.



Cross-functional alignment

Brings together engineering, security, compliance, and business stakeholders.



Scalable innovation

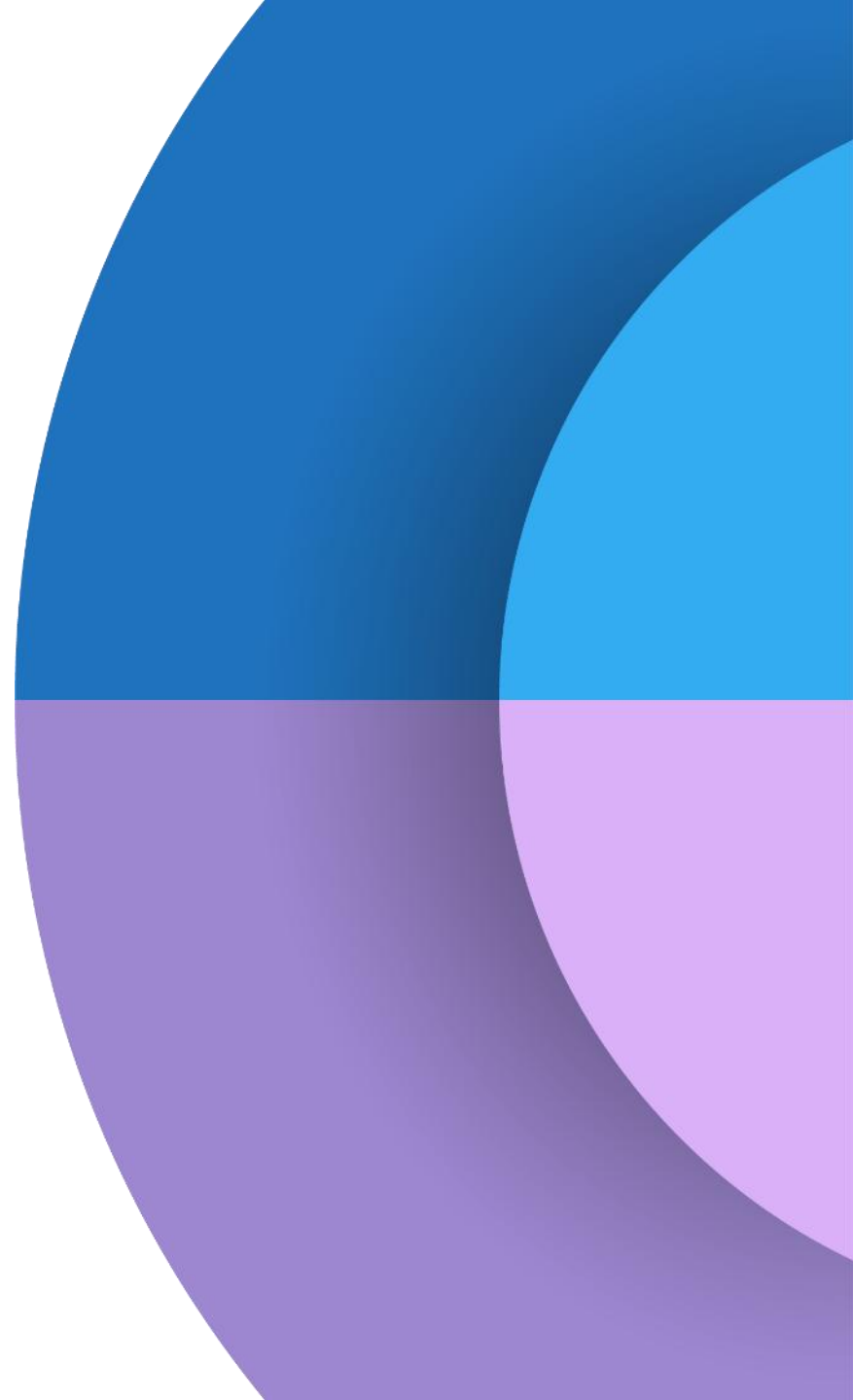
Enables confident experimentation while maintaining enterprise-grade standards.



Cultural impact

Reinforces a mindset of accountability, transparency, and continuous improvement.

Getting started



Agent readiness framework



**AI & Business
Strategy**



**Business Process
Mapping**



**Technology &
Data Strategy**



**Organizational
Readiness & Culture**



**Security &
Governance**

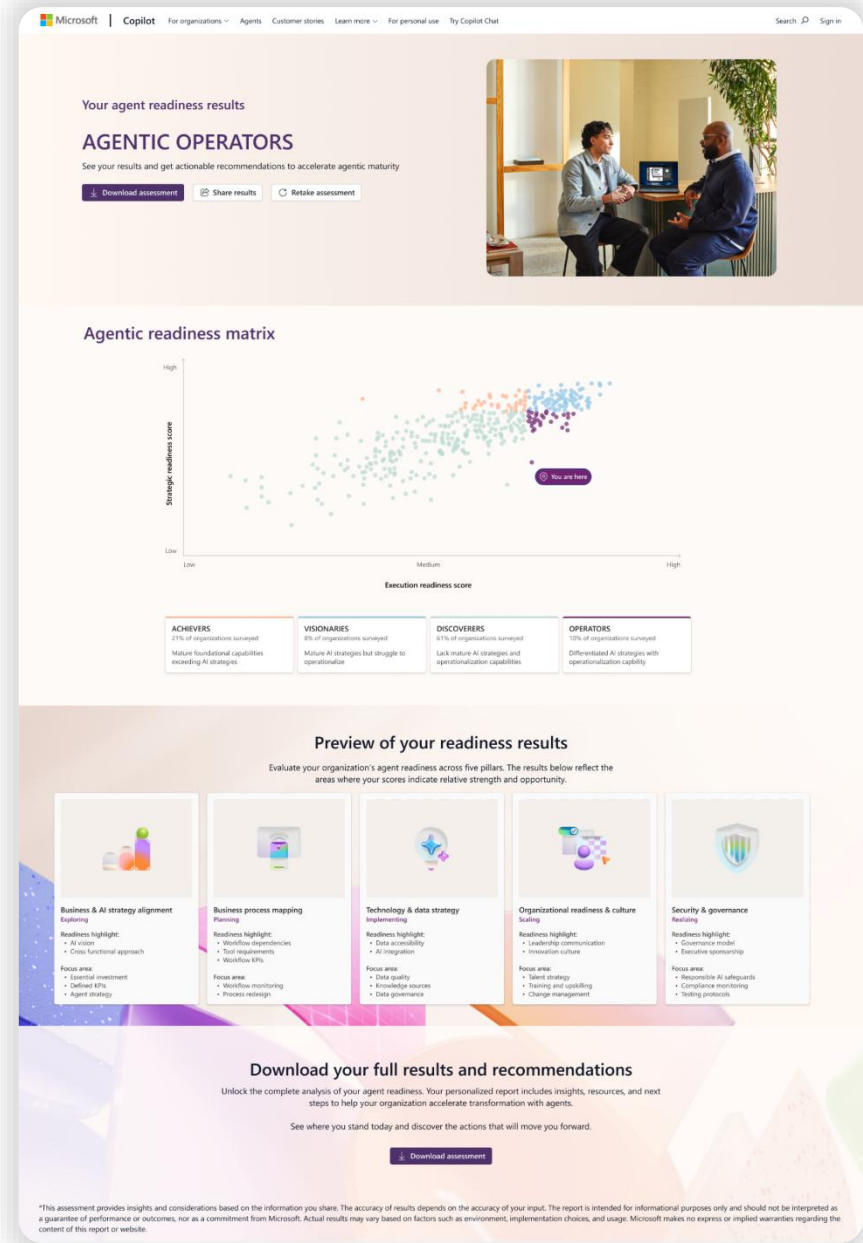
Take the agent readiness assessment

Evaluate your organization's readiness across strategy, technology, process, culture, and governance.

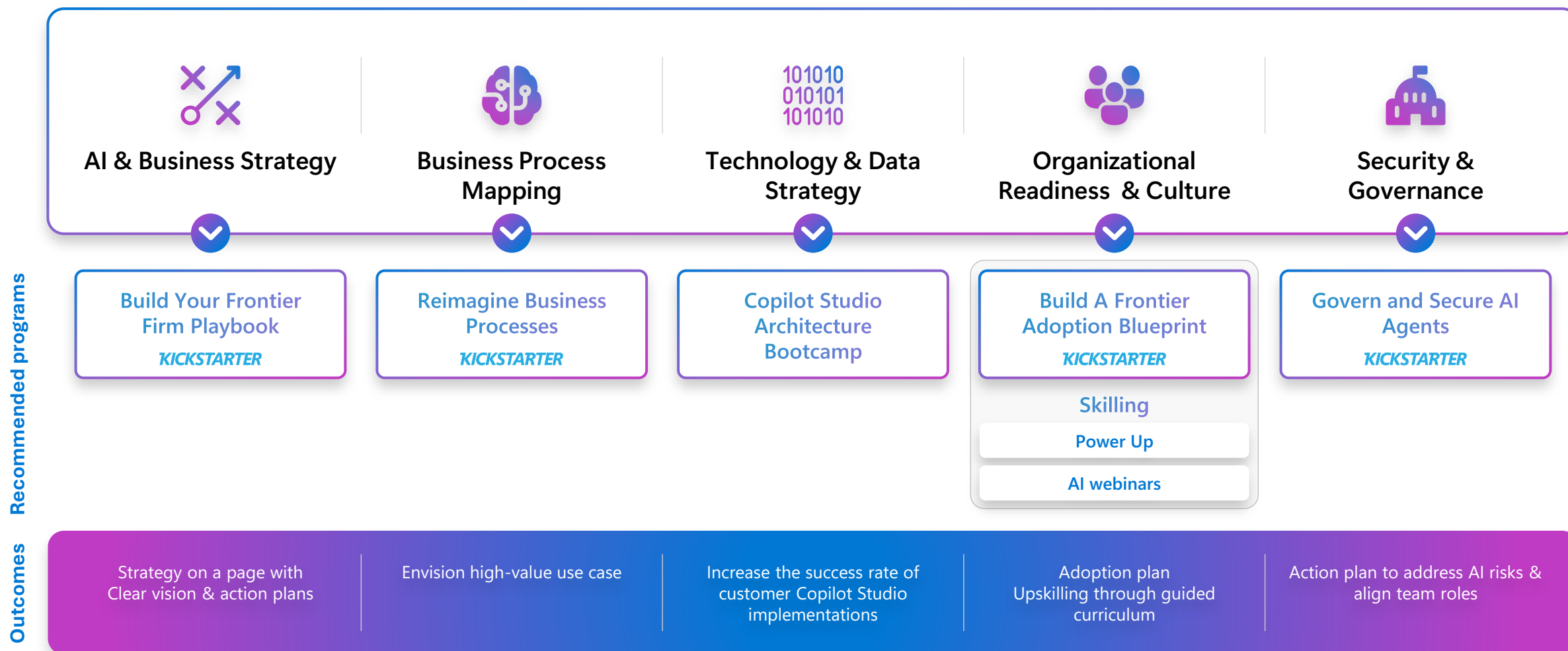
Get a personalized report with peer benchmarks, highlights and focus areas to advance agent readiness.

Download your results in ~10 minutes

Get started at: [Aka.ms/AgentReadiness](https://aka.ms/AgentReadiness)

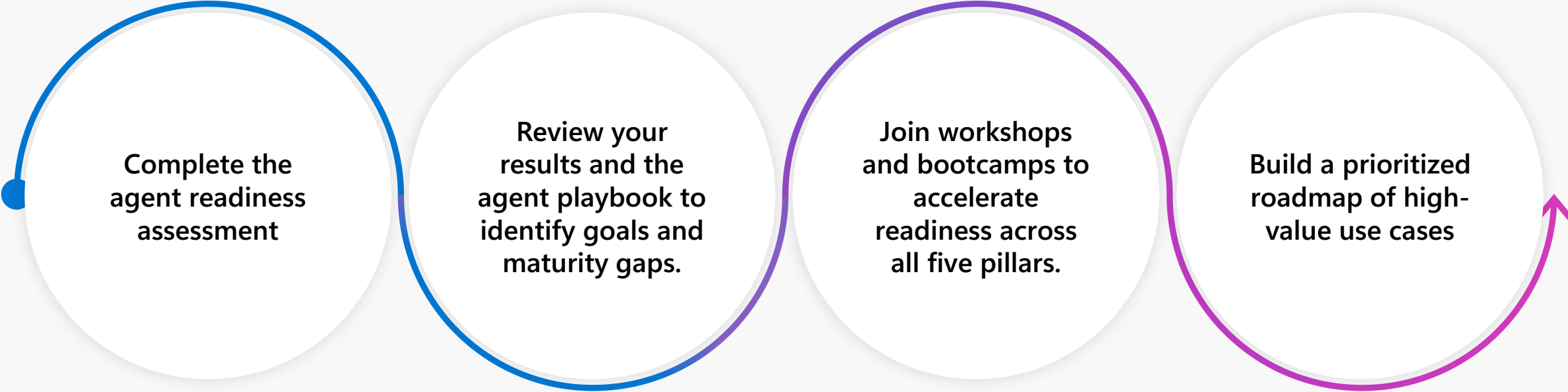


Begin your agent readiness journey



aka.ms/AgentReadinessPrograms

Next Steps



**Complete the
agent readiness
assessment**

[Aka.ms/AgentReadiness](https://aka.ms/AgentReadiness)

**Review your
results and the
agent playbook to
identify goals and
maturity gaps.**

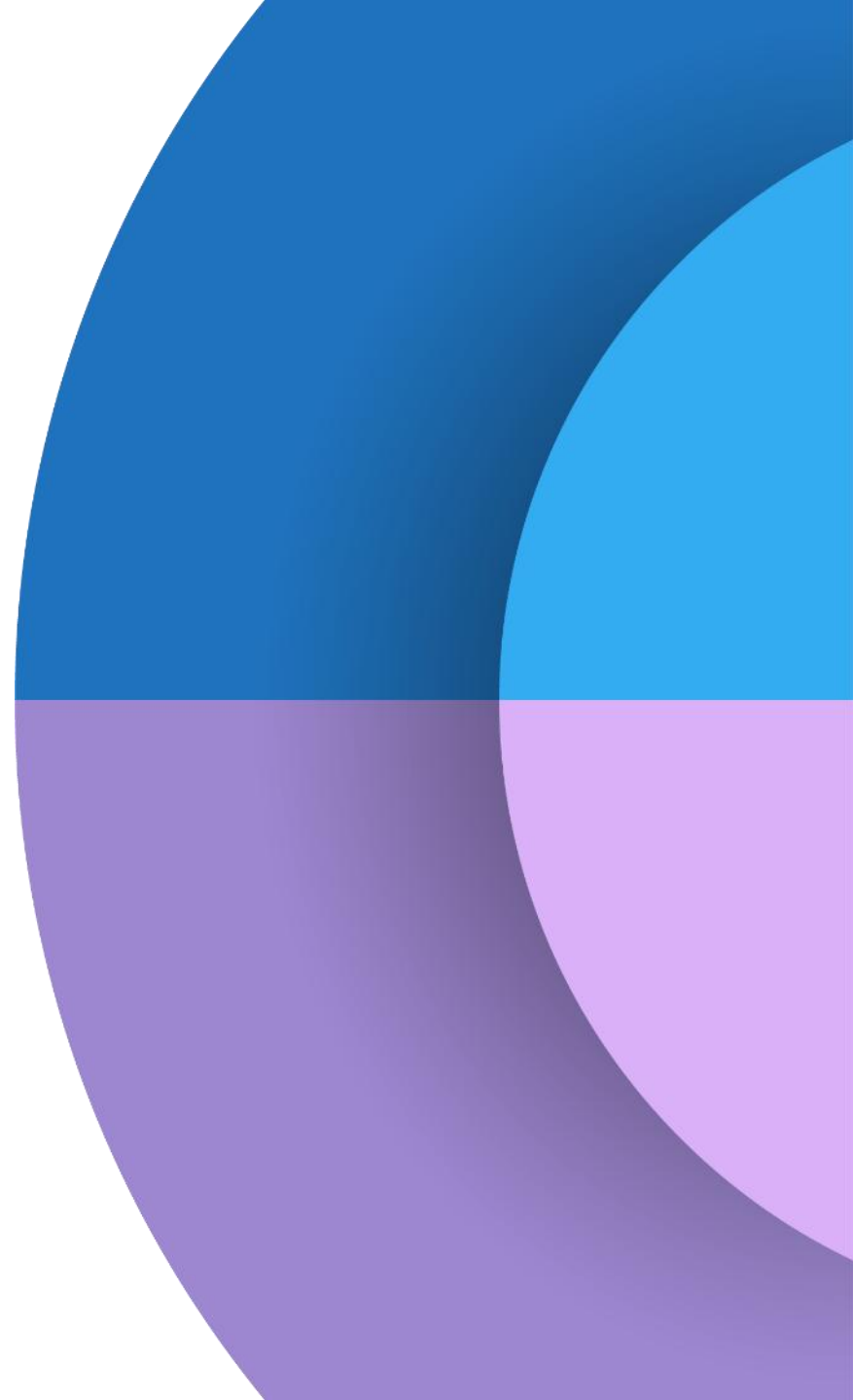
[Aka.ms/AgentReadiness
Framework](https://aka.ms/AgentReadinessFramework)

**Join workshops
and bootcamps to
accelerate
readiness across
all five pillars.**

[Aka.ms/AgentReadiness
Programs](https://aka.ms/AgentReadinessPrograms)

**Build a prioritized
roadmap of high-
value use cases**

Thank you



Additional Resources

AI and business strategy:

- [Create your AI strategy - Cloud Adoption Framework](#)
- [Create business value from AI](#)
- [1000+ Microsoft customer stories](#)

Business process mapping:

- [Evaluating and prioritizing an AI use case with business envisioning](#)
- [Microsoft Scenario Library](#): Explore the library for function-specific scenarios

Technology and data:

- [Get started with AI agents](#)
- [Agent Success Kit – Microsoft Adoption](#)
- [Microsoft Copilot Studio – Microsoft Adoption: Leverage our native AI](#)
- [Agent in a Day](#)
- [Power Customer Advisory Team resources](#)

Organizational readiness and culture

- [Establish a training and upskilling strategy for makers](#)
- [AI learning paths – Microsoft Learn](#)
- [Copilot Studio Agent Academy](#): Access hands-on training to learn how to build, scale, and deploy agents

Security and governance

- [Security for AI](#)
- [Secure AI - Cloud Adoption Framework | Microsoft Learn](#)
- [Administering and Governing Agents](#)
- [Establish an AI Center of Excellence - Cloud Adoption Framework](#)
- [How Microsoft Digital \(IT\) is Responding with an AI Center of Excellence](#)
- [Responsible AI: Ethical policies and practices](#)