

Component 3

Generative AI Factory & GenAIOps

Generative AI Factory: Scaling AI patterns

Building on the outcomes from Component 1 and 2, Component 3 begins the build of a comprehensive Generative AI Factory with GenAIOps at the core of it all. It is important to understand Component 3 does not have an “end” as it is a cyclic process to continue building a “well-oiled machine”.

Component 3

The Key Deliverables



3.1: GenAIOps Intro and Maturity Assessment

- Define GenAIOps and assess the client’s current operations and technologies.
- Outcome: Determine maturity level and provide 5–6 actionable steps to advance.
- Identify 2–3 core priorities, from model selection to monitoring setup.

3.2: Proof of Value Selection & Development Timeline

- Select a prioritised, low-medium risk use case with medium-high return.
- Target delivery: 6–8 weeks, producing a production-ready solution.
- Align GenAIOps priorities with use case development to drive faster adoption.

3.3: Full Cycle Development

- Deploy 2–3 GenAIOps priorities in dev and production environments.
- Complete the first proof of value solution, with options to iterate on a second.
- Establish a repeatable cycle to build a “factory-like” GenAIOps model.

Timeline and delivery options

Component 3

Inspire and Design

Intro to GenAIOps + GenAIOps Maturity Assessment

Delivered by
Technical Lead

~1–2 Hour Workshop

Empower and Achieve

POV Selection & Development Timeline

Delivered by
AI + App Architect /
Developer

~1–2 Hour Whiteboard Discussion

Realise Value

Full Scale Deployment

Delivered by
AI + App Architect /
Developer

3–8 Week Delivery Engagement

Can be delivered in 1 Full Day or 2 Half Day Workshops

Entire Process Repeated as Desired

Dependent on Delivery Option Selected
Can Deliver Multiple POV in parallel

Generative AI Operations in practice

Conduct a comprehensive assessment of the client's GenAIOps capabilities, evaluating current processes and technologies. This session will define GenAIOps, highlighting its similarities and distinctions from MLOps. The assessment will determine a maturity level and provide 5–6 targeted recommendations to further advance capabilities.

Together with Microsoft leads, the client will identify 2–3 core GenAIOps priorities ranging from model selection processes to monitoring platforms, that Component a clear starting point for growth.

Delivery Options:

1 Hour Presentation + ~1–2 Hour Workshop

Client Team

- Technology Stakeholders
- AI + App Architects / Developers

CGI AI Transformation Offer

A 3-part perspective orchestration offering AI CoE frameworks, solution envisioning strategies, landing zone implementations, and a robust Generative AI Factory with GenAIOps at the core

Delivered by CGI & Microsoft experts

The value proposition of AI Transformation Offer

AI Transformation Offer is a transformative offer designed to empower organisations to scale their AI capabilities effectively. By leveraging cutting-edge technology and strategic frameworks, AI Transformation Offer helps enterprises overcome common challenges in AI adoption and implementation.

Adoption Strategies for Enterprises



Delivers tailored **adoption strategies, workshops, and maturity assessments** to ensure **successful AI implementation** and long-term sustainability.

Scaling from POC to Production



Provides a structured approach to **transition AI projects** from Proof of Concept (POC) to **full-scale production**, ensuring seamless deployment and **tangible business outcomes**.

Lack of AI-Ready Infrastructure



Offers a **robust infrastructure framework**, including AI Foundry and Azure Machine Learning, to support **enterprise-scale AI applications**.

Unlock AI Potential



AI Transformation offer empowers enterprises to **leverage AI effectively**, driving **meaningful business transformation**.

Who needs this offer?

This offer is designed for organisations who are in various stages of their AI journey and are looking to strategically build, scale, and manage generative AI capabilities.



Mid stage

Clients who need to establish a foundational AI architecture, such as a landing zone and baseline governance, data, and security frameworks.

Use case identification and prioritisation

Organisations that have identified AI opportunities but need guidance on which use cases to prioritise and how to align these with business objectives.

Scaling and operationalising AI

Enterprises that are ready to transition from isolated AI projects to a scalable AI Factory model, enabling continuous development and deployment of AI solutions.

Mature AI operations

Clients who already have foundational AI structures but are looking to establish a GenAIOps framework to ensure efficient, reliable, and scalable generative AI operations within their enterprise.

87%

of organisations believe AI will give them a competitive edge

Source: [MIT Sloan Management Review](#)

Yet all enterprises need help scaling AI

56%

Executives believe their organisation doesn't have the proper infrastructure to support their desired AI workloads

33%

Leaders believe they have sufficient AI skills and talent

99%

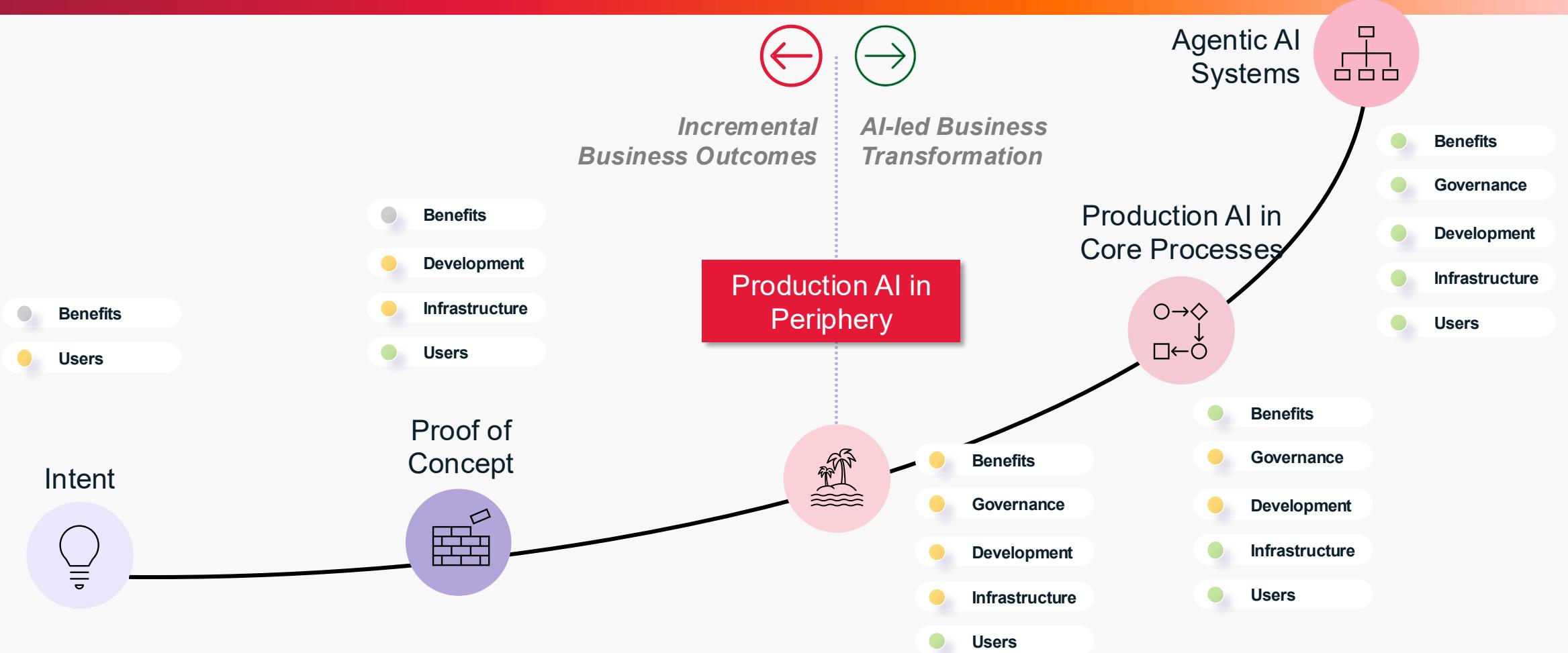
Organisations have challenges in scaling and operationalising AI



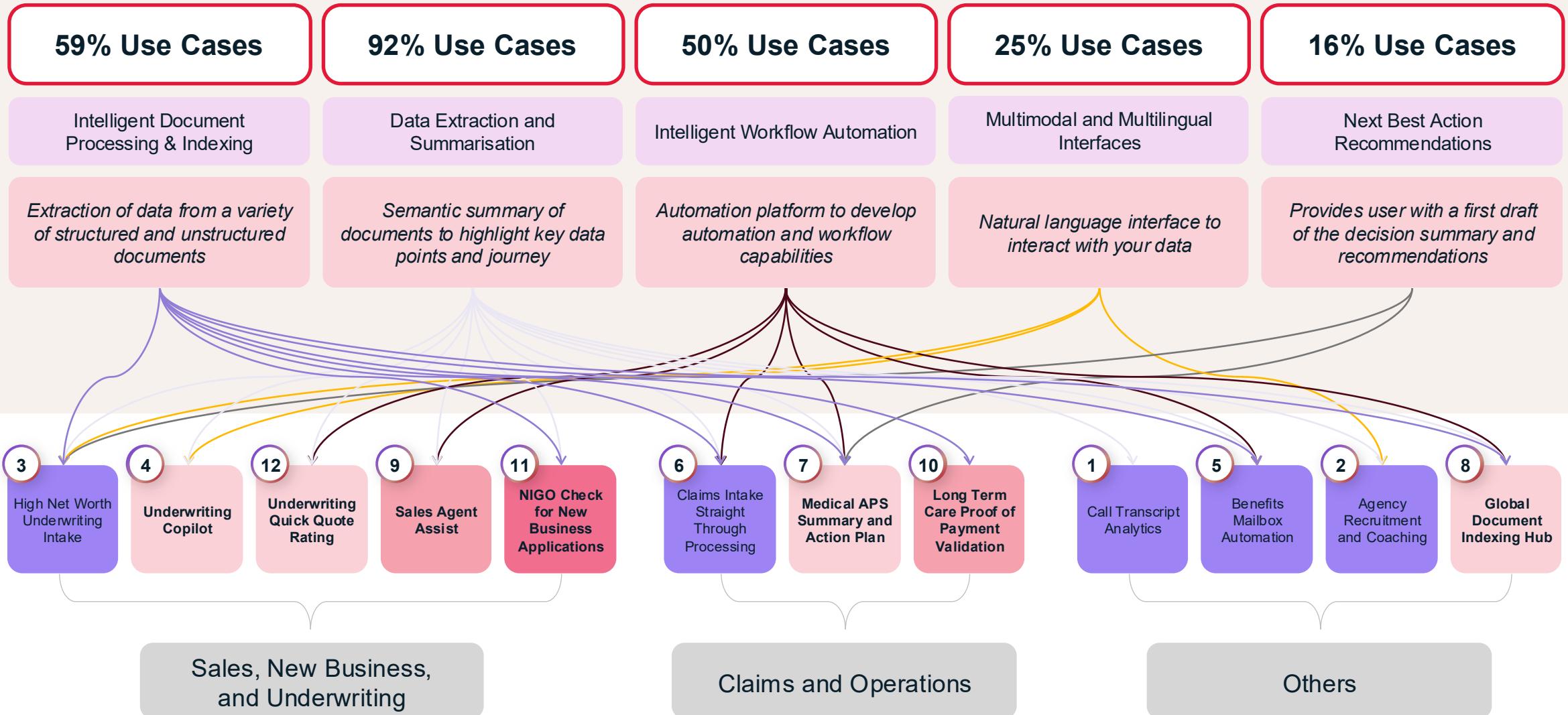
The State of AI Infrastructure (April 2024 Edition)

An annual report on trends and developments in AI infrastructure based on Microsoft-commissioned surveys conducted by Forrester Consulting and IPSOS based on surveys of over 1,500 business leaders

Where do organisations get stuck?



Repeatable AI patterns across enterprises



The 3-Part offering

Component 1

AI CoE and Solution
Envisioning

AI Center of Excellence Intro

Business Envisioning + CoE
Transformation

AI Patterns Scorecard

Capability Envisioning

Rapid Prototyping

Component 2

AI Foundation
Architecture

Generative AI Building Blocks

Intro to Landing Zone
Architecture

Generative AI Landing Zone
Implementation

Apps & Infrastructure Landing
Zone Implementation

Component 3

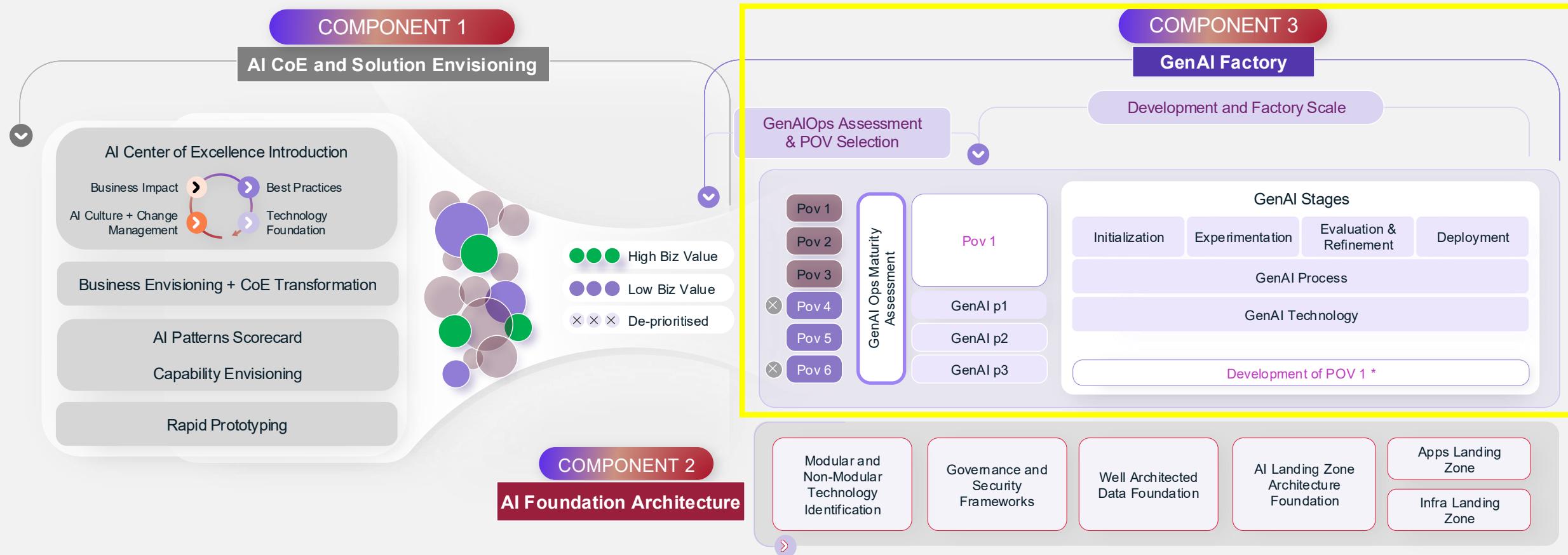
Generative AI Factory:
Scaling AI Patterns

GenAIOps Intro and Maturity
Assessment

Proof of Value Selection and
Development Timeline

Full Cycle Development

AI Transformation Offer flow



The program at a glance



Client Team

AI Business & Technology Lead

Product / Business Domain Leads

AI + Apps Architects / Developers

AI Transformation Sponsor (Key Program Lead)

Offer governance: role clarity

Component	Delivery Team	Supporting Team	Hand Off Team
Component 1	ATU leads initial conversation handing off to STU: Azure SSP		
Component 1.1 AI Center of Excellence Introduction	Account Lead	Strategy / Workshop Lead	Account Lead to Strategy Lead
Component 1.1 Business Envisioning + CoE Transformation	Strategy / Workshop Lead	Account Lead	Account Lead to Technical Lead
Component 1.2 AI Patterns Scorecard for <i>Capability Envisioning</i>	Account Lead + Technical Lead	Strategy / Workshop Lead	Technical Lead to Strategy Lead
Component 1.2 Capability Envisioning	Strategy / Workshop Lead	Account Lead + Technical Lead	
Component 1.2 Rapid Prototyping	Strategy / Workshop Lead	Account Lead + Technical Lead + Developer Team	Strategy Lead to Technical Lead
Component 2	STU: Azure SSP leads coordination from Component 1 to 2		
Component 2.1 GenAI Building Blocks	Technical Lead	AI & Apps Architect / Developer	Technical Lead to Developer Team
Component 2.2 Intro to Landing Zones	AI & Apps Architect / Developer	Technical Lead	
Component 2.3 AI Landing Zone Implementation	AI & Apps Architect / Developer	Technical Lead	
Component 2.3 Apps & Infra Landing Zones Implementation	AI & Apps Architect / Developer	Technical Lead	Developer Team to Technical Lead + Account Lead
Component 3	STU: Azure SSP leads coordination from Component 2 to 3		
Component 3.1 GenAIOps Intro & Maturity Assessment	Technical Lead	AI & Apps Architect / Developer	Technical Lead to Developer Team
Component 3.2 MVP & GenAIOps Co-Build	AI & Apps Architect / Developer	Technical Lead	
Component 3.3 MVP Readout & GenAIOps Review	AI & Apps Architect / Developer	Technical Lead	Developer Team to Technical Lead + Account Lead

Building what's next

For 50 years, we've combined human ingenuity with the power of technology to help our clients achieve meaningful outcomes. To all those with whom we've had the privilege of collaborating: **thank you.**

The role of technology in shaping a better world has never been more powerful—or more human. And, for us, this is only the beginning.

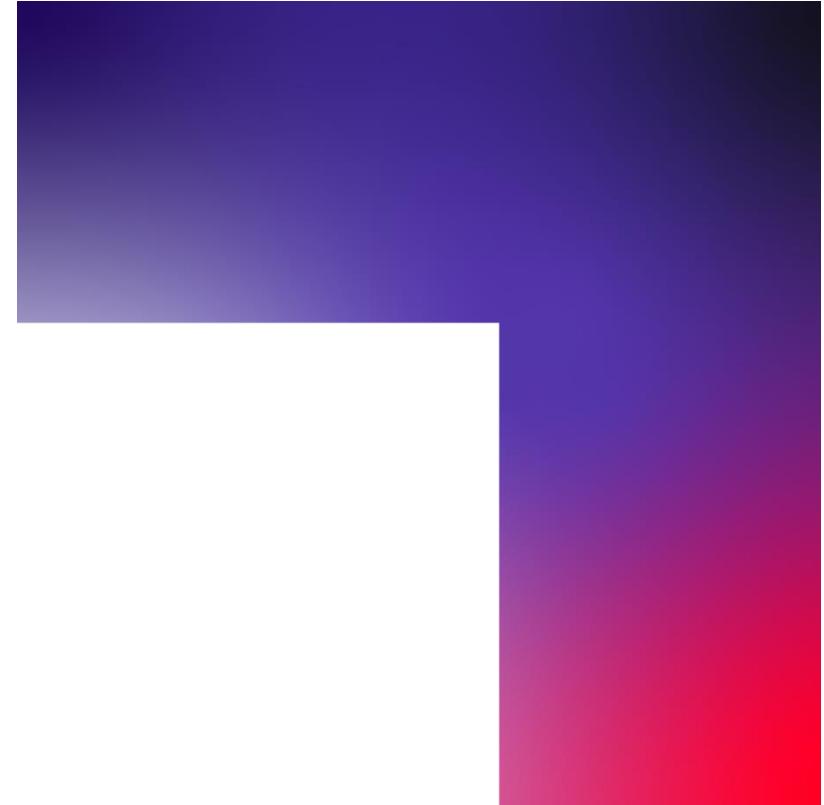
cgi.com/50-years

Insights you can act on

Founded in 1976, CGI is among the largest IT and business consulting services firms in the world.

We are insights-driven and outcomes-focused to help accelerate returns on your investments. Across hundreds of locations worldwide, we provide comprehensive, scalable and sustainable IT and business consulting services that are informed globally and delivered locally.

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