

UNLEASHING THE POTENTIAL OF GEN AI AS YOUR INNOVATION ASSISTANT

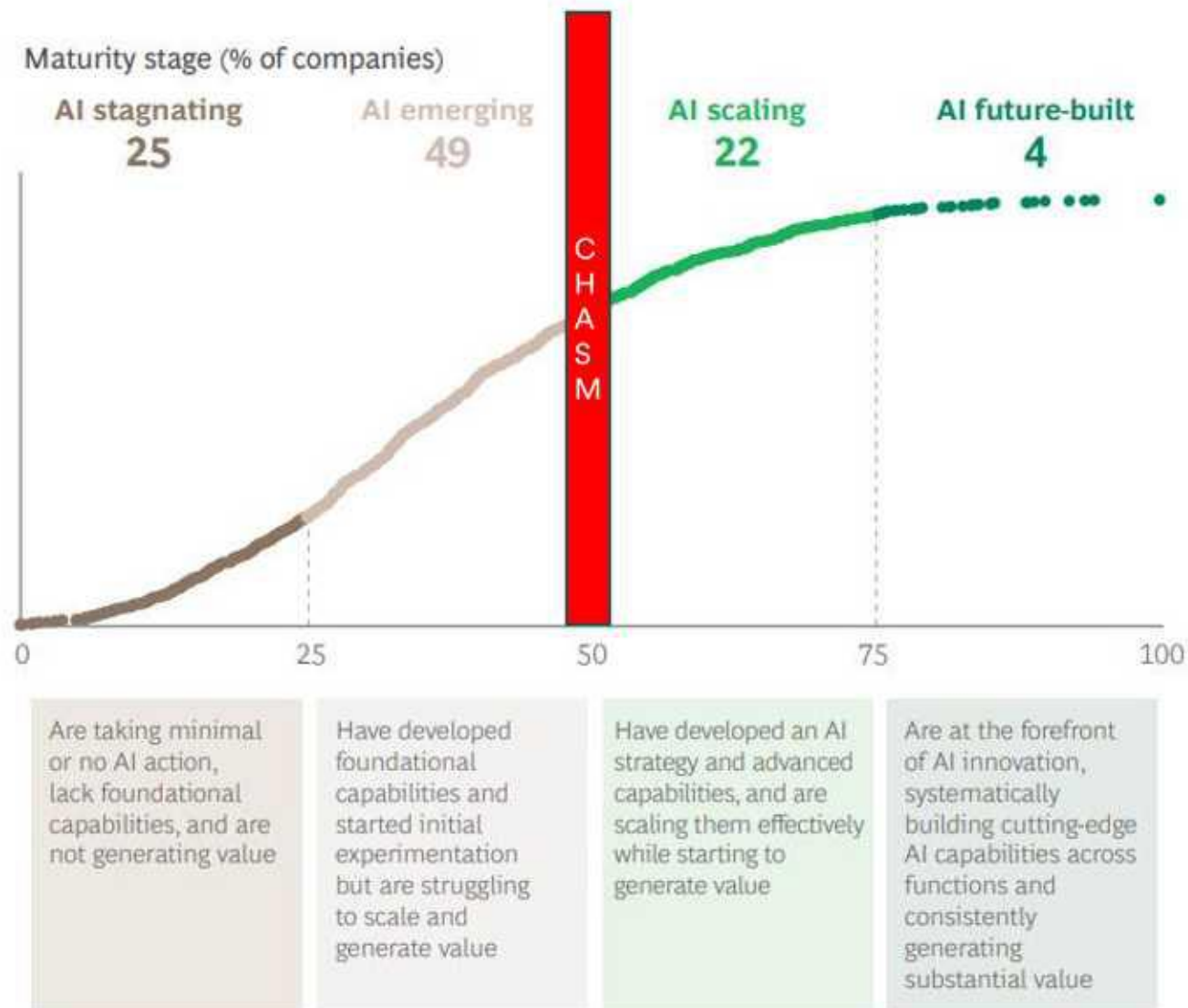
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3M

Crossing the Chasm

Guiding POC purgatory to scale



- Strategize per economics of scaling Gen AI assistants
- Allocate capital with an understanding of AI ROI models
- Empower for impact
- Architect for Scale
- Engineer for sustainability

Gen AI Assistant deployment

Strategy Archetypes



SNOWBALLS

Reusable capabilities deployed against smaller use cases, gaining cumulative value as the number of use cases increase

- Low ROI per use case, but lower cost of implementation
- Repeatable, often commodity capabilities
- Efficiency Multiplier for the workforce at scale



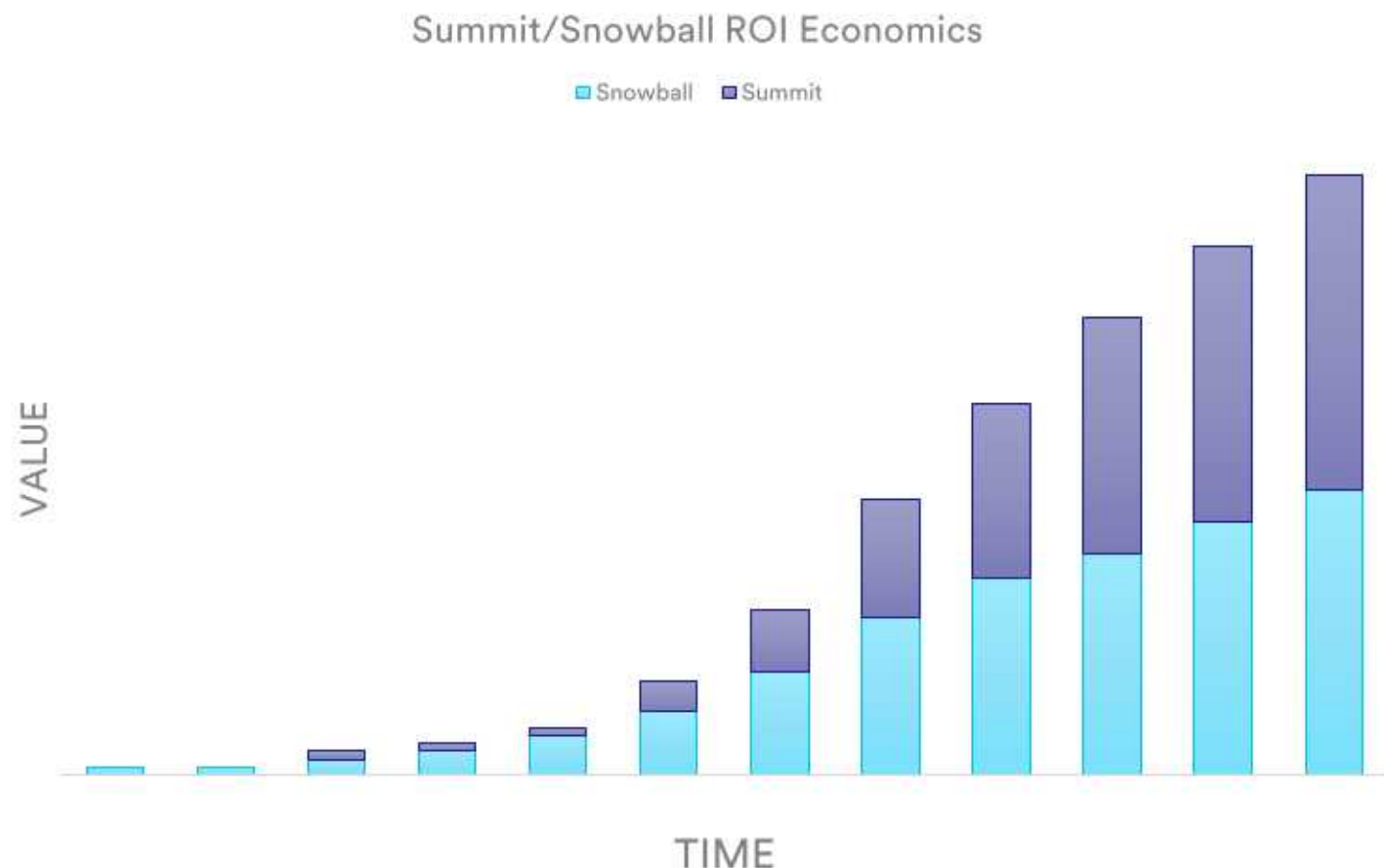
SUMMITS

Bespoke capabilities built for very specific use cases that are usually industry specific and deliver competitive advantage

- Larger Use Case, Harder to build
- High ROI
- Not Repeatable, often bespoke
- Differentiation in marketplace

Gen AI Assistants – Summits and Snowballs

ROI expectations framework and implications



- Initial scaling is best done with a snowball strategy
- Snowballs buy you time, delivering incremental ROI with lower marginal cost of deployment
- Summits take time to develop and demand patient investing
- Over time, summits will triumph, as snowball scaling opportunities dry out

Gen AI Assistant: Agent Archetypes at Scale

Scaling requires classifying agentic archetypes during design



Router Agents

Process User need and identify the right agent to employ on a task



Knowledge Agents

Focused on retrieving information from documents, databases and other sources



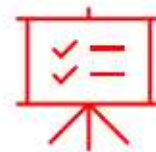
Prediction Agents

Focused on leveraging AI/ML models to deliver predictions to guide proactive decision making



Workflow Agents

Focused on automating workflows in business processes



Autonomous Agents

Independent agents that can make decisions based on a given set of information

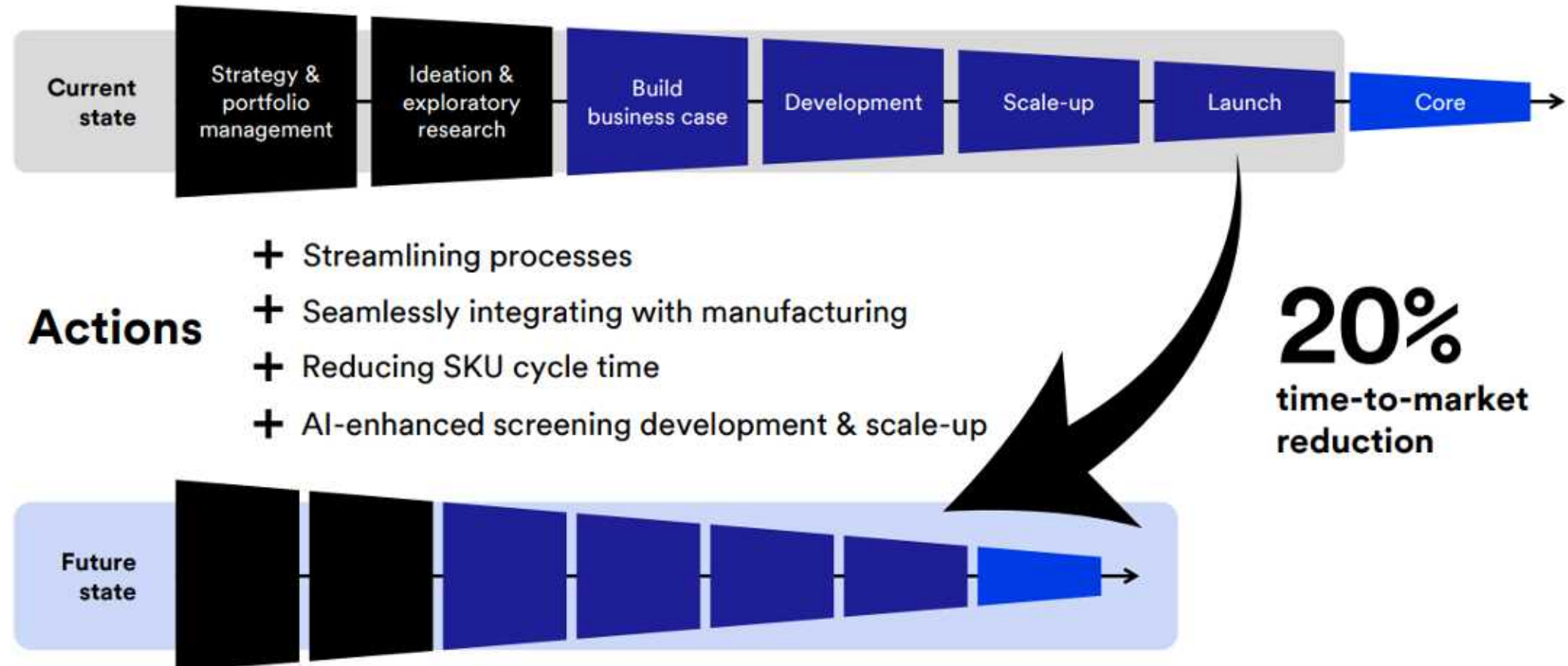
- Initial use cases will be one off agents of a specific archetype
- As Gen AI scales, use cases get more complex and require agents collaborating
- Agent's ability to collaborate is critical to creating unified solutions and "co-pilots"

Summit Archetype - 3M's foray into R&D Assistants

Accelerating new product development

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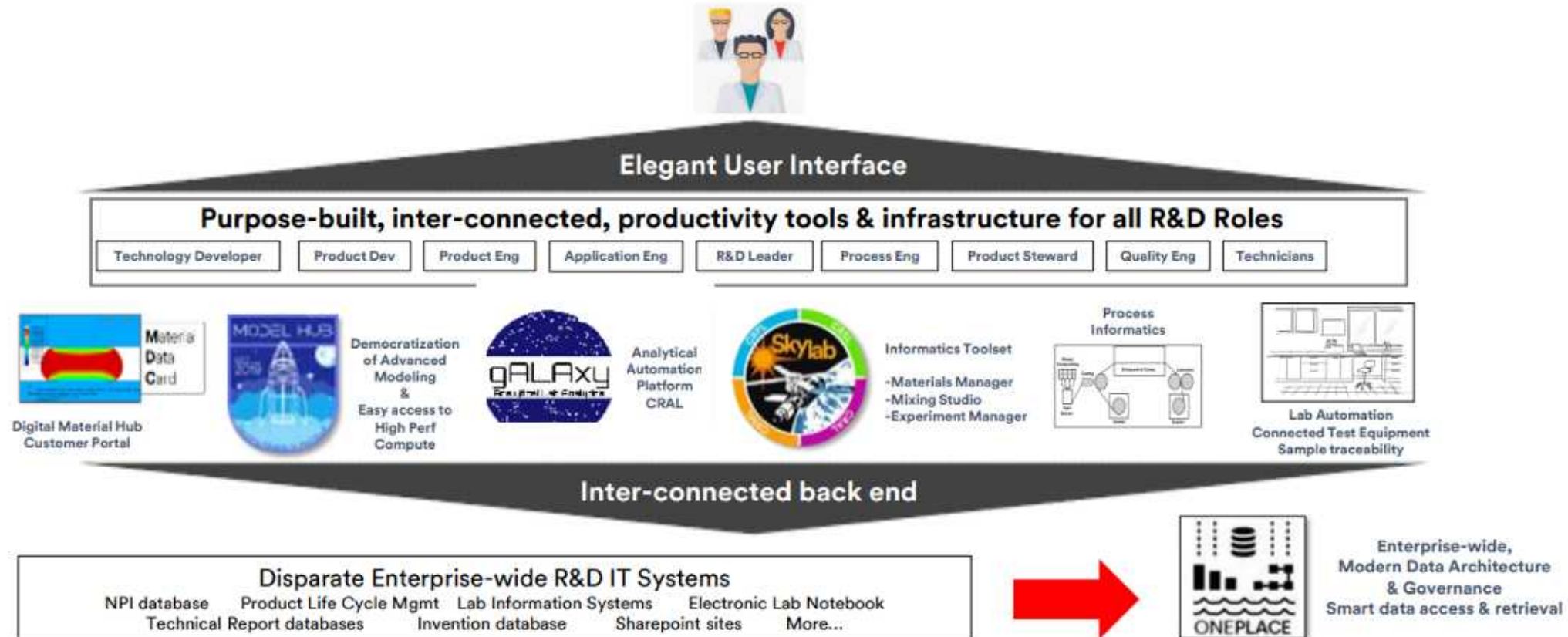
Drive process improvement in R&D factory



Summit Archetype - 3M's foray into R&D Assistants

Improving researcher productivity

Goal: Build an easy-to-use Digital R&D ecosystem that enables “hyper-productive” R&D personnel ^{and hyper-impactful}



Snowball Archetype – 3M Enterprise Employee Assistant

Helping employees navigate 3M data, documents and workflows



Internal GPT

Started as a secure way to access industry GPT solutions and safeguard company data



Document Intelligence

Analyze, summarize, rewrite documents, emails, presentations etc



Strategy Companion

Helping users understand frameworks to solve business problems



Data Analysis

Upload data files or connect to databases to analyze data using certified AI/ML models with automated results summarization and next steps

Achieving Success at Scale

Drivers for a sustainable agentic future in a global enterprise



Top Down Alignment and Support



Program
Management



Business Value



Responsible AI &
Risk Management



Training and Adoption



User Communities, Developer communities, Feedback Loops



Standards of
Development



Robust Testing



Distributed Development, Centralized Deployment

Thank you!