

2026
APWAOK/OWEA

Joint Technical Conference

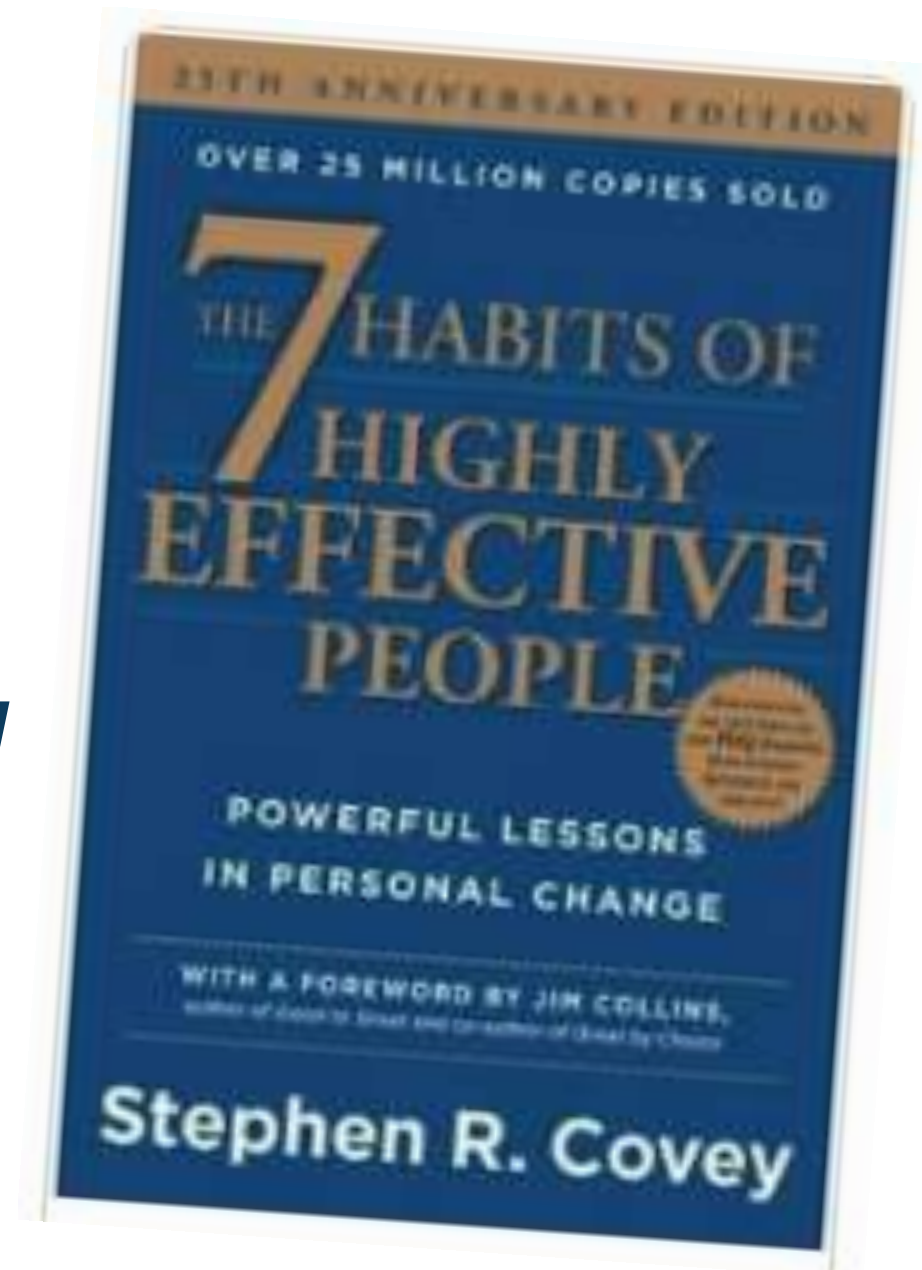
AI Paradigm Shifts:
Reimagining How Work Gets Done



The 7 Habits of Highly Effective People

Paradigm Shift:

“When the underlying framework or lens you use to see and understand the world fundamentally changes”



Presentation Roadmap



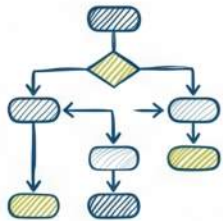
The New Interface



The Rise of Headless Software



Just-In-Time Deliverables



Decision Traces



A New Organization Structure

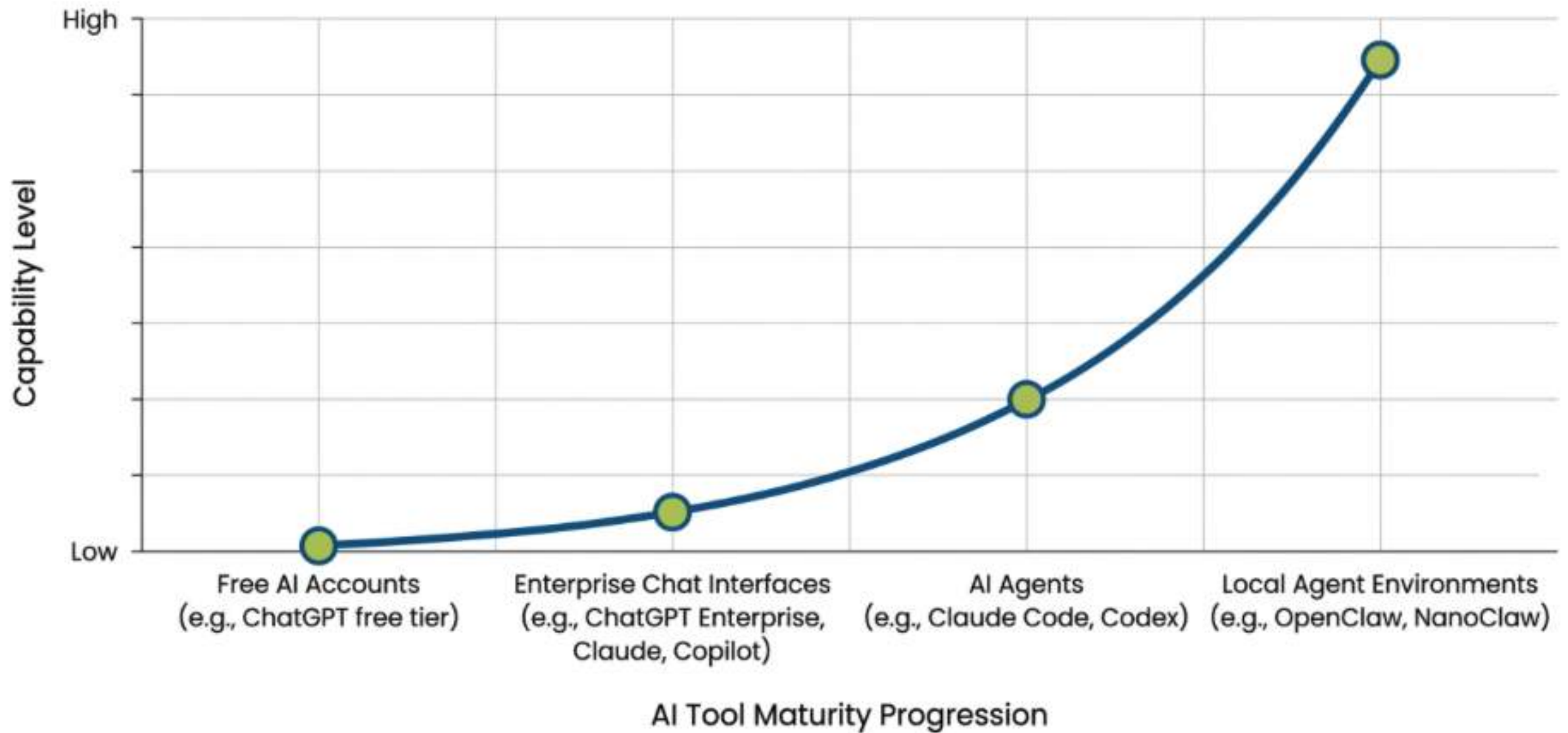


Recursive Self-Improvement



The Pace of Change

AI Capability Growth Across Tool Maturity



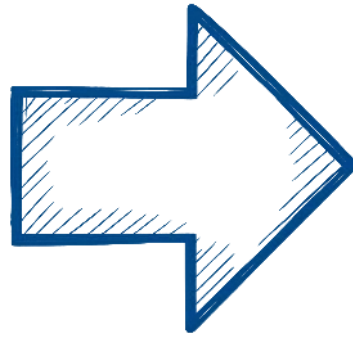
Shift 1: The New Interface

AI-assisted voice dictation

The New User Interface

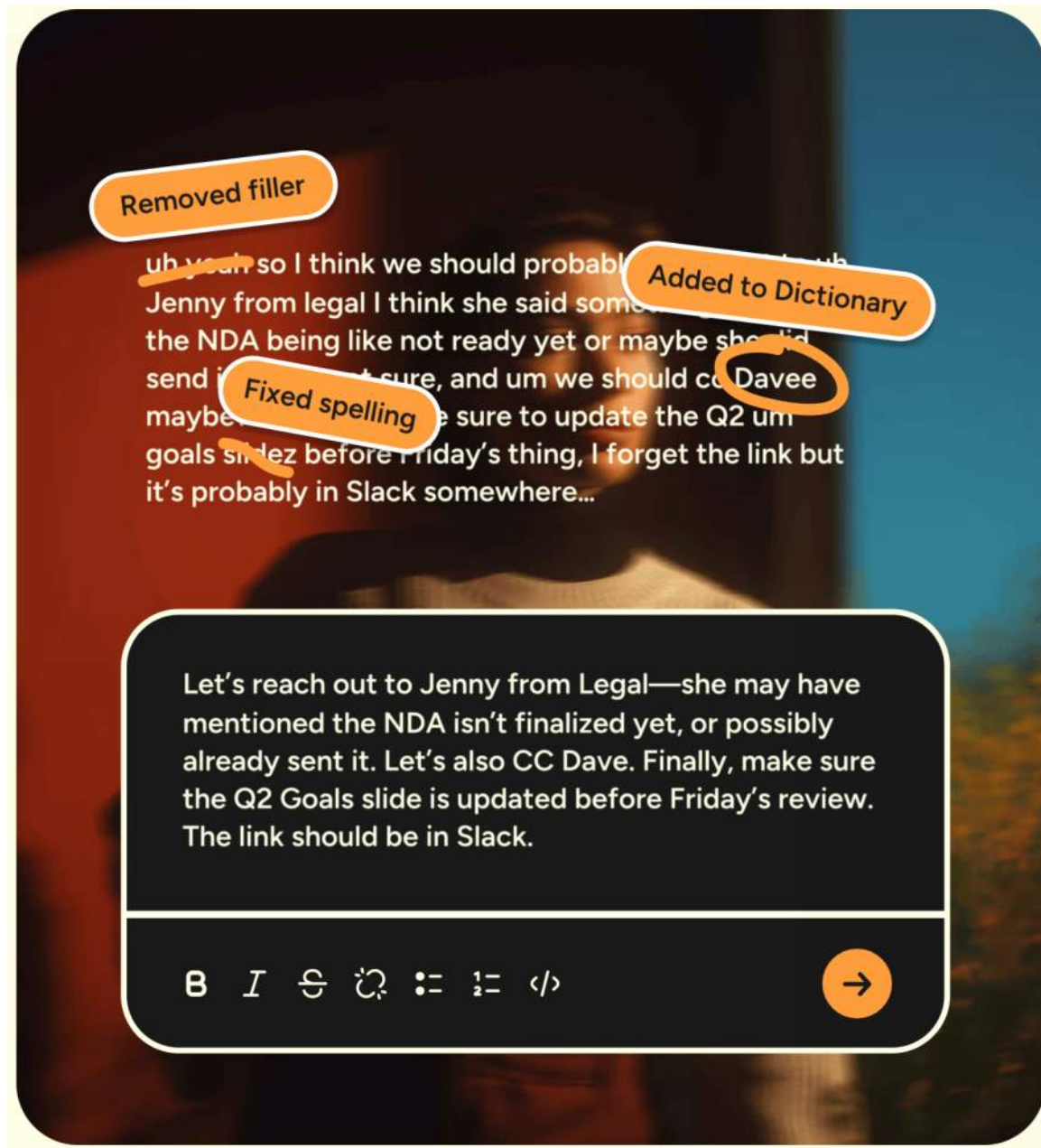


Mouse/Keyboard



Microphone

Voice Dictation Tool Flow



The screenshot shows a voice dictation interface with a background image of a person. The transcription text is: "uh yeah so I think we should probably Jenny from legal I think she said some the NDA being like not ready yet or maybe she did send it I'm not sure, and um we should cc Davee maybe make sure to update the Q2 um goals slidez before Friday's thing, I forget the link but it's probably in Slack somewhere...". Several orange callouts highlight AI edits: "Removed filler" points to "uh yeah"; "Added to Dictionary" points to "Davee"; "Fixed spelling" points to "slidez". Below the transcription is a dark box containing the cleaned text: "Let's reach out to Jenny from Legal—she may have mentioned the NDA isn't finalized yet, or possibly already sent it. Let's also CC Dave. Finally, make sure the Q2 Goals slide is updated before Friday's review. The link should be in Slack." At the bottom is a toolbar with icons for bold (B), italic (I), strikethrough (ABC), undo (↶), redo (↷), bulleted list (≡), numbered list (1=), code (</>), and a send button (→).

Removed filler

Added to Dictionary

Fixed spelling

Let's reach out to Jenny from Legal—she may have mentioned the NDA isn't finalized yet, or possibly already sent it. Let's also CC Dave. Finally, make sure the Q2 Goals slide is updated before Friday's review. The link should be in Slack.

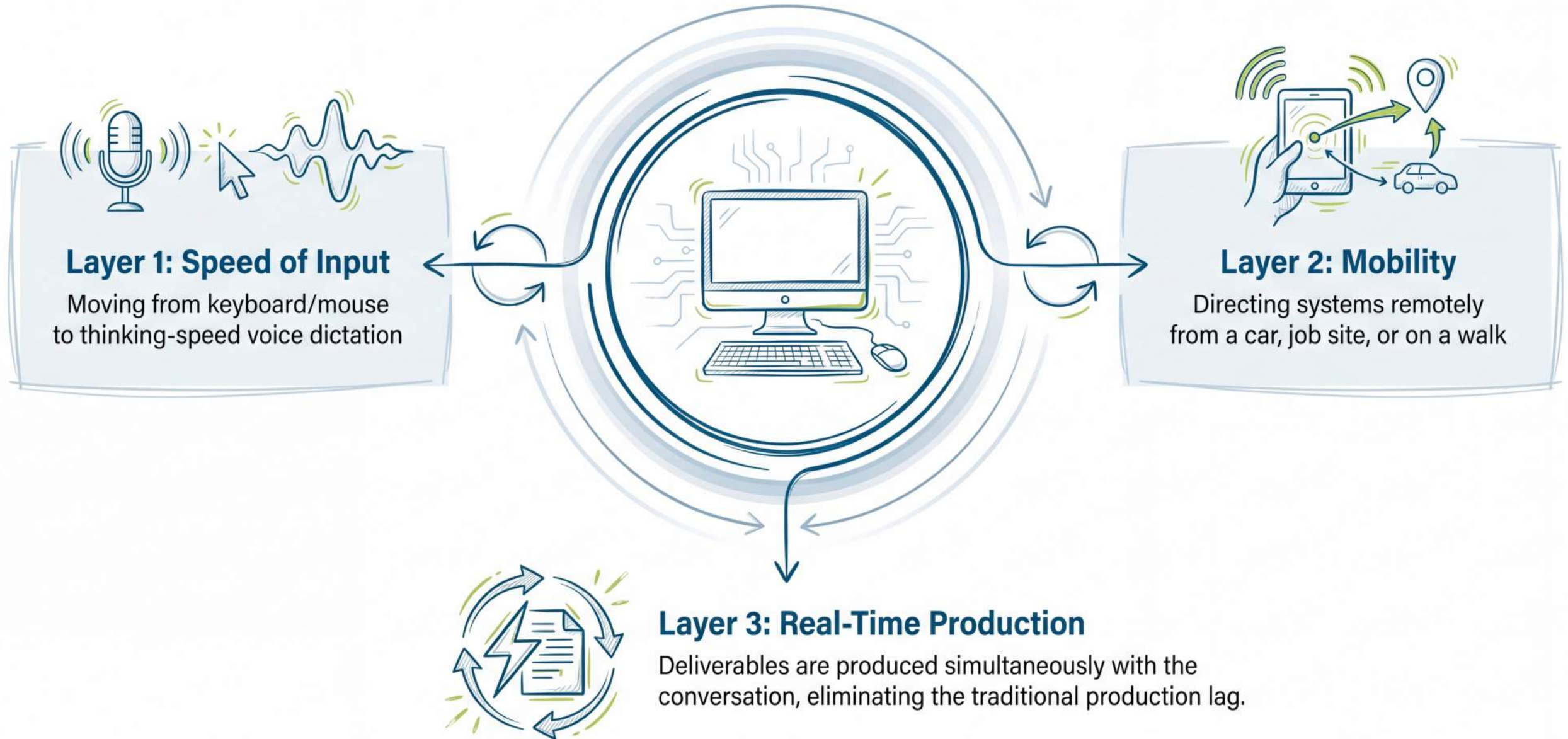
B I ABC ↶ ↷ ≡ 1= </> →



Speak naturally and Flow transcribes and edits your voice, instantly. Rambled thoughts become clear, perfectly formatted text, without the filler words or typos.

<https://wisprflow.ai/>

Work is Decoupling from the Workstation



Shift 2: The Rise of **Headless** Software

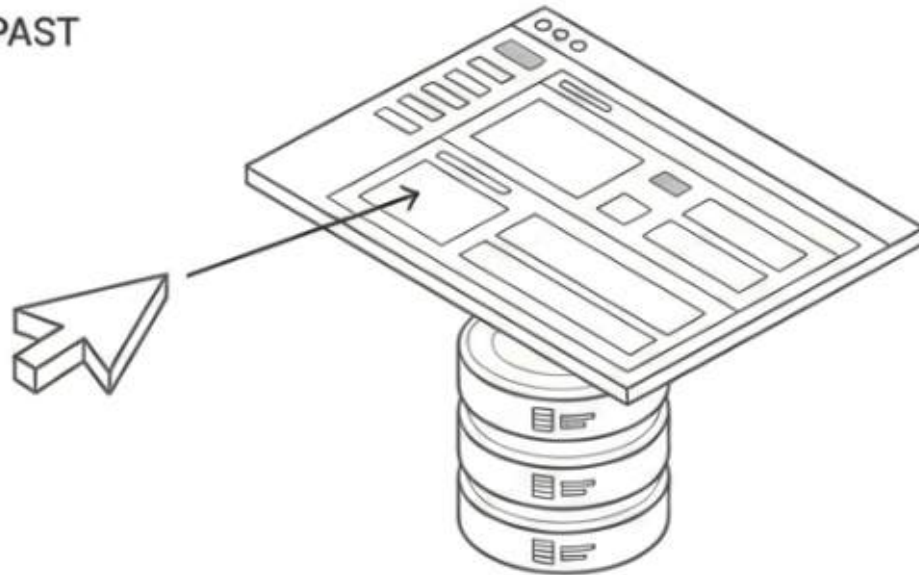
Transition from Frontend to Backend Interfaces

THE PARADIGM

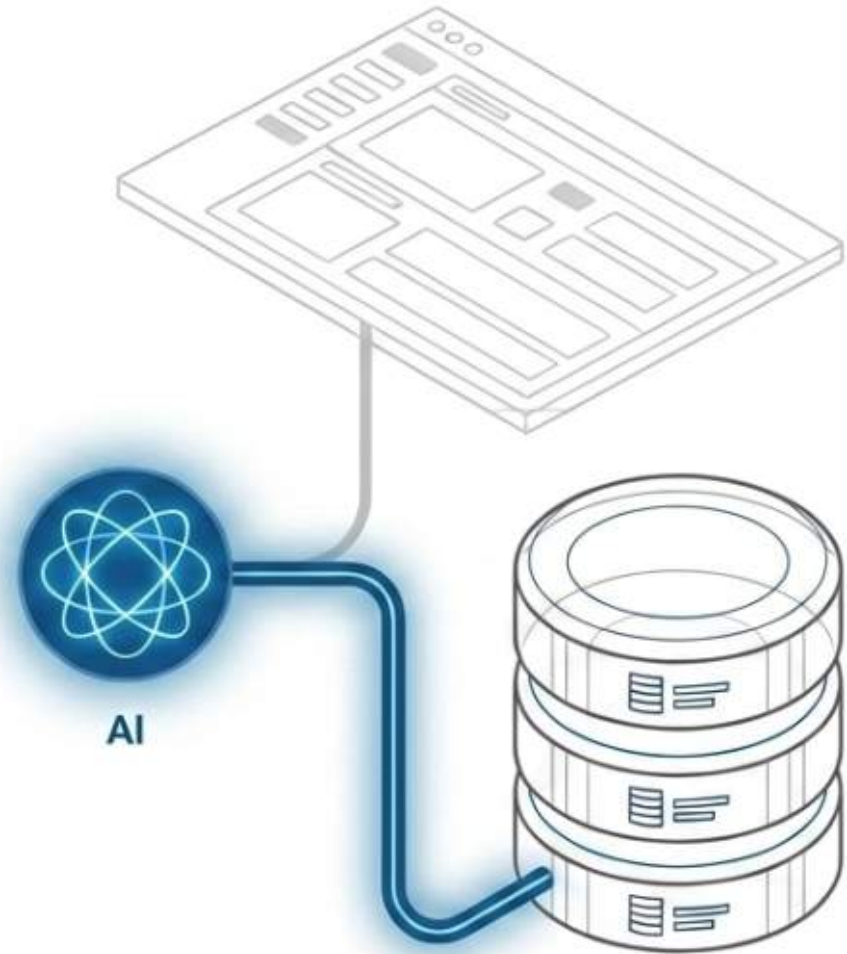
Software Has Two Halves. AI Only Needs One.

Historically, non-developers could only access software through the frontend interface. Today, AI accesses the backend directly—reading files, manipulating databases, and producing outputs without a mouse, menu, or monitor.

THE PAST



THE PRESENT



MECHANISMS OF ACCESS

How AI Reaches the Backend

API (Narrow Pipeline)

Retrieves specific, pre-defined data points. Like a weather app, it acts as a rigid, limited window.

MCP (Broad Discovery)

Model Context Protocol allows AI to actively discover available tools and surface unprompted insights beyond rigid endpoints.

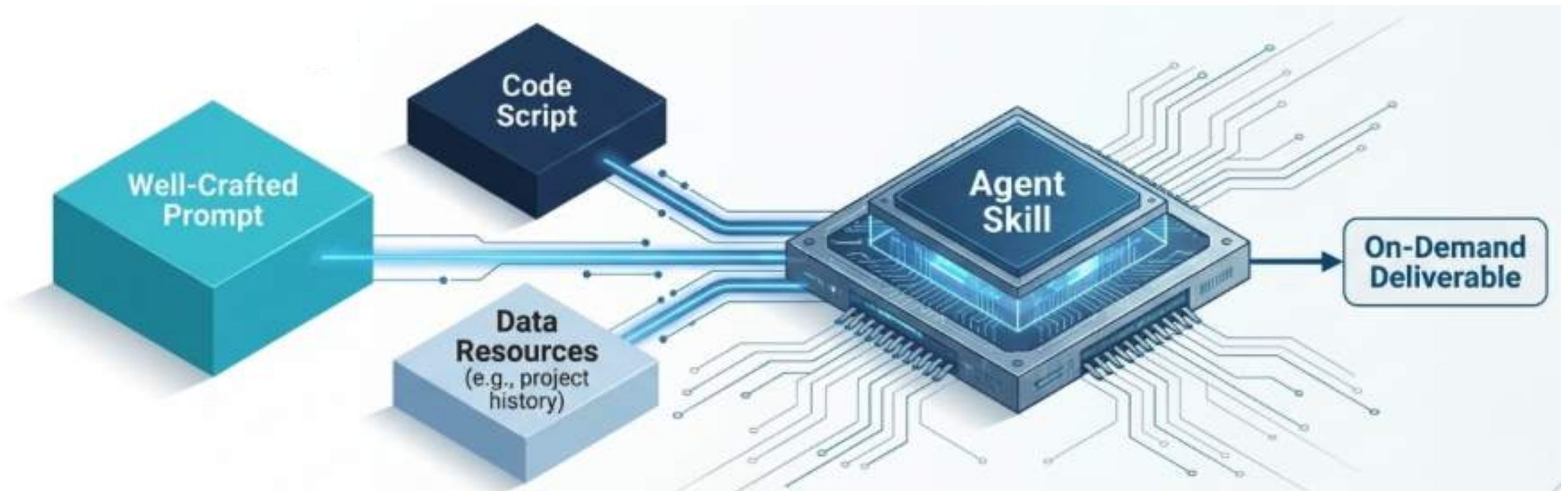
CLI (System Dominance)

Direct command-line manipulation. Navigates databases and executes scripts at a speed no human operator could match.

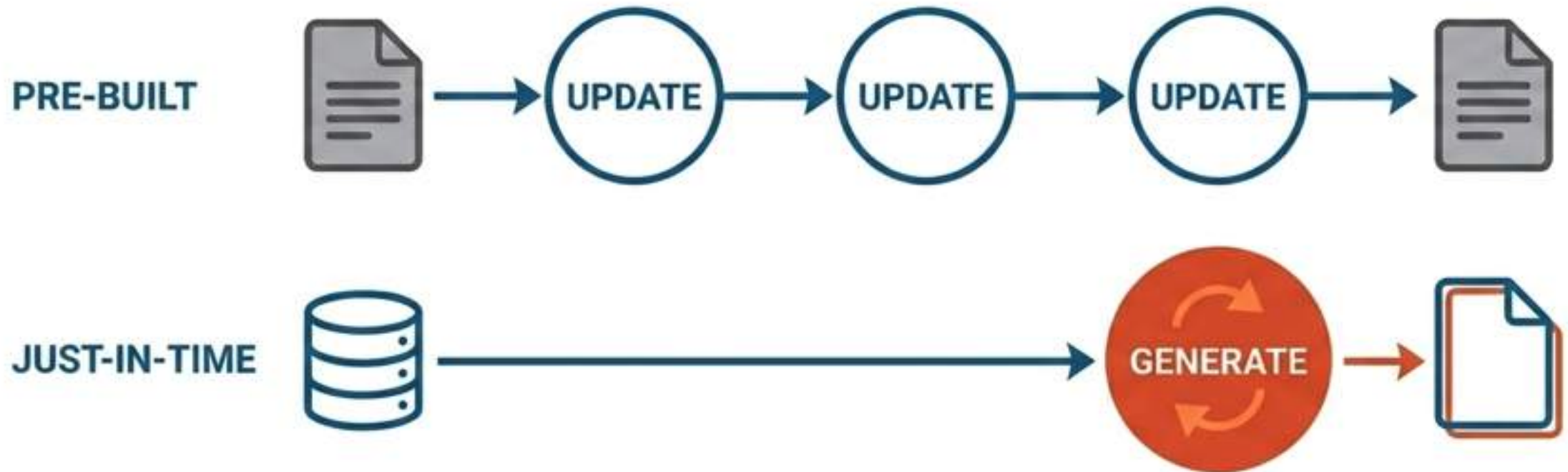
Shift 3: Just-in-time Deliverables

Results On-Demand

Agent Skills



Just-in-Time Deliverables

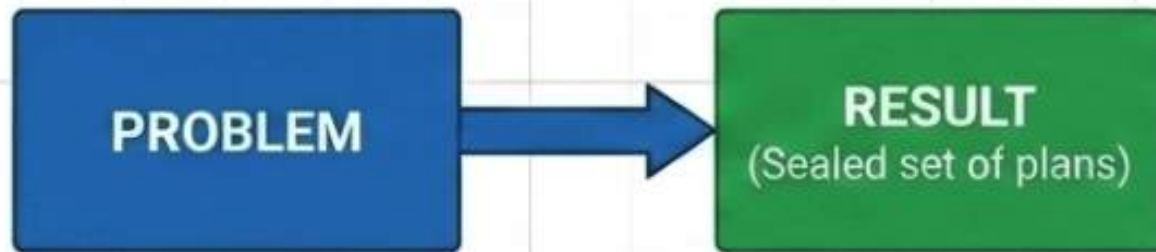


Shift 4: **Decision** Traces

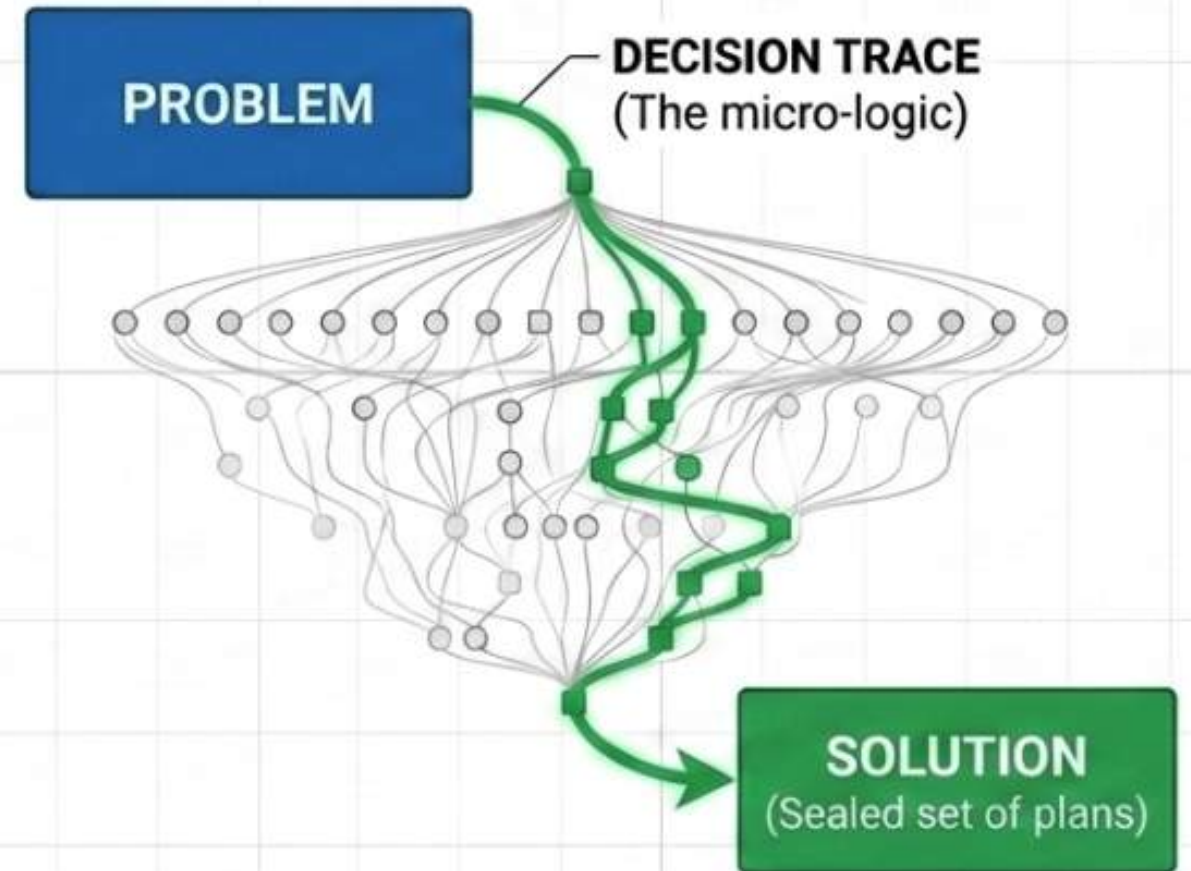
Organizational Knowledge Capture

Decision Traces

Traditional Documentation Pathway



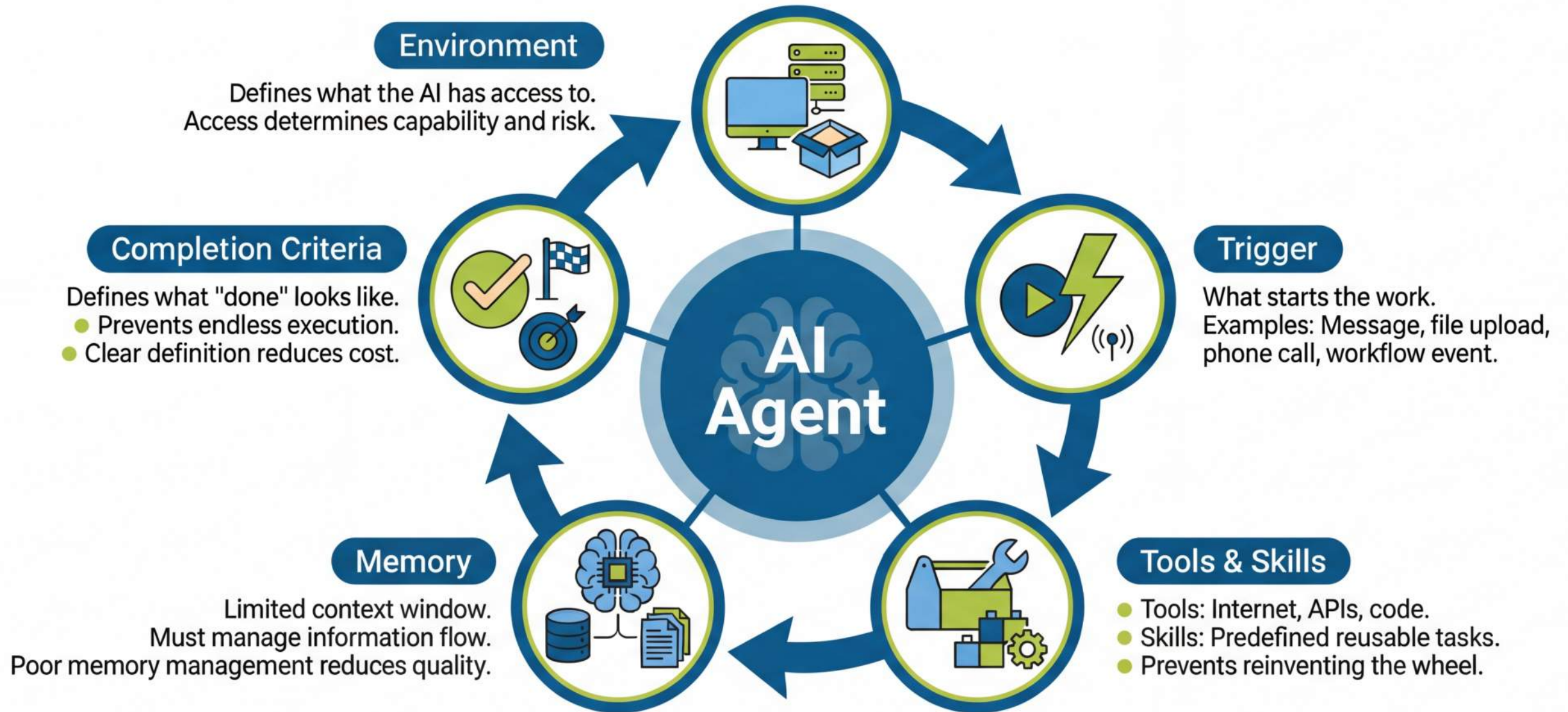
Mapped Decision Pathway



Shift 5: New Branch of the Organizational Structure

Agent Operators

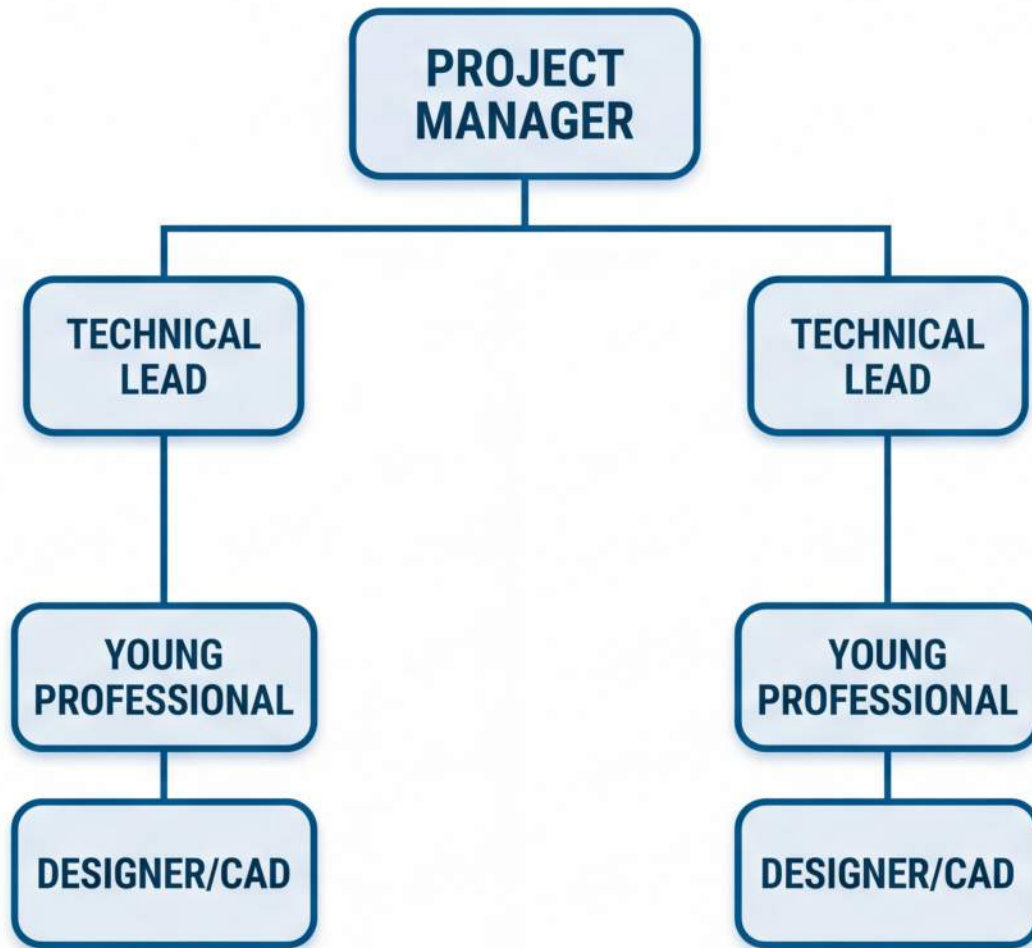
How an AI Agent Works



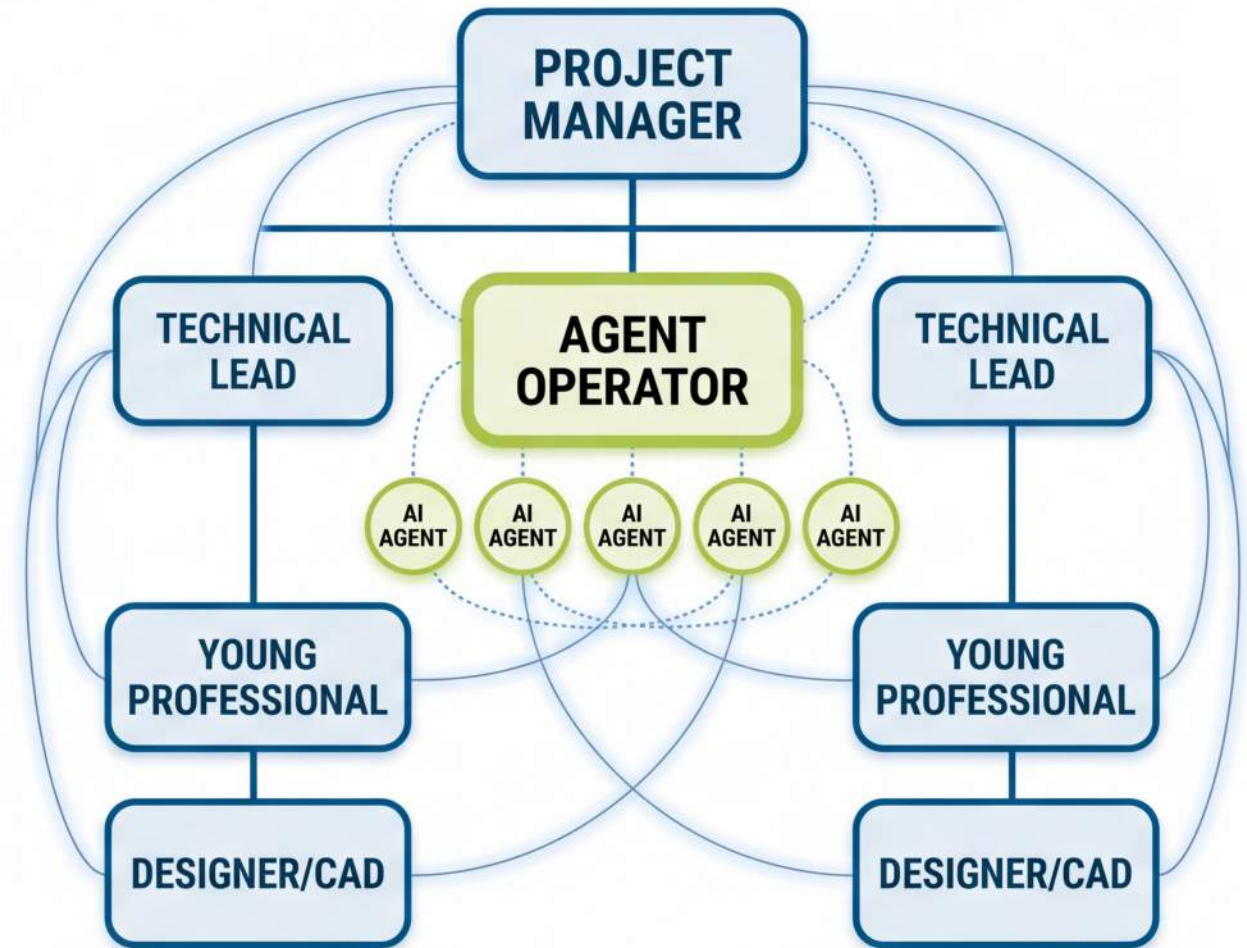
AI Agent = AI operating within a defined environment, activated by a trigger, using tools, managing memory, and stopping at clear completion criteria.

ORGANIZATIONAL STRUCTURE EVOLUTION

TRADITIONAL ORGANIZATION



AI-ENABLED ORGANIZATION



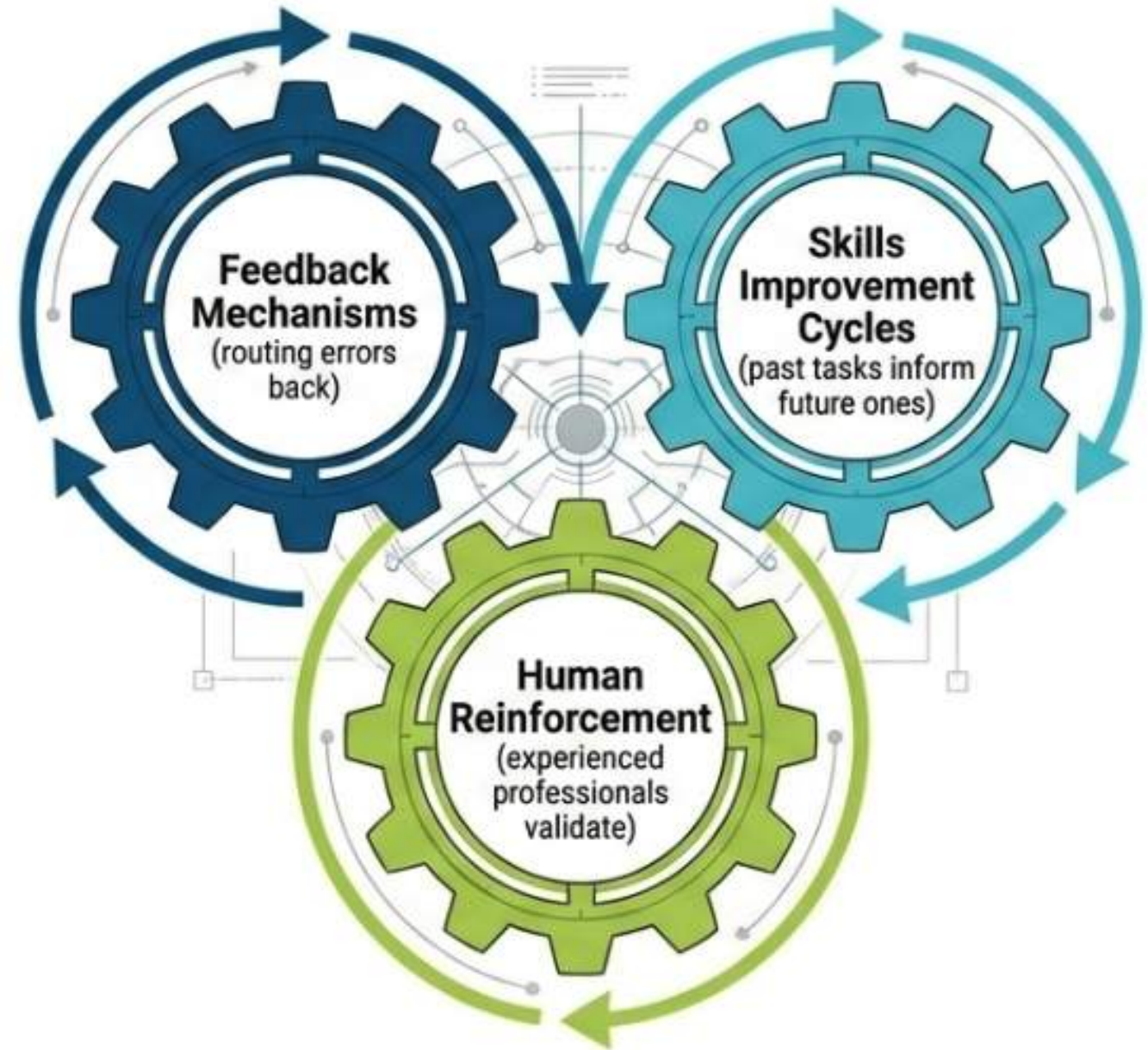
Shift 6: **Recursive** Self-Improvement

Building in Feedback Loops

Recursive Self-Improvement

Self-Improving Strategies

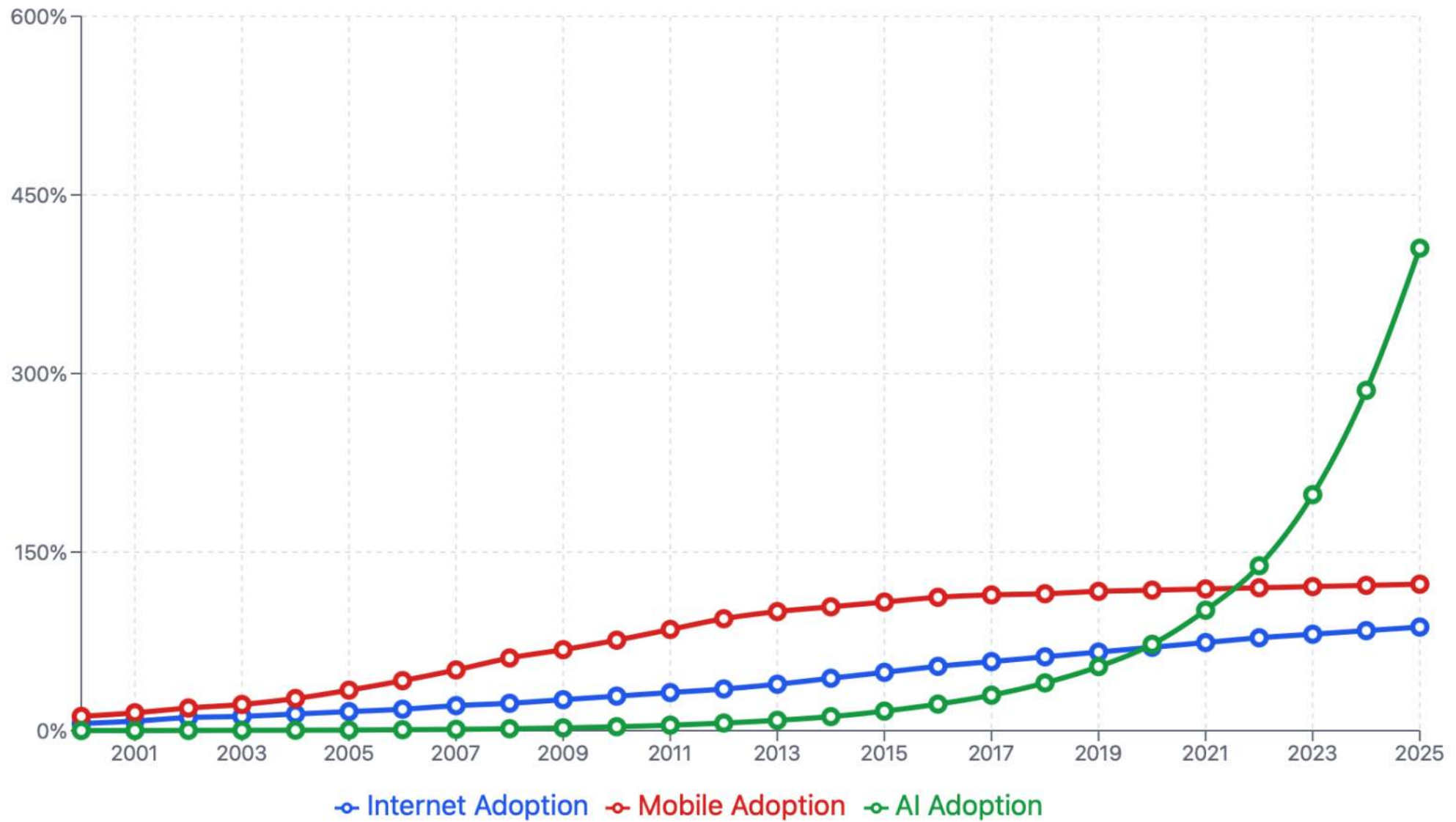
- Create Agent Looping
- Progress Files Documentation
- Markdown File
- Skill Improvement



Shift 7: A New **Planning** Paradigm

Adaptive Planning

Adoption Rate (% of Global Population)



AI Strategic Planning



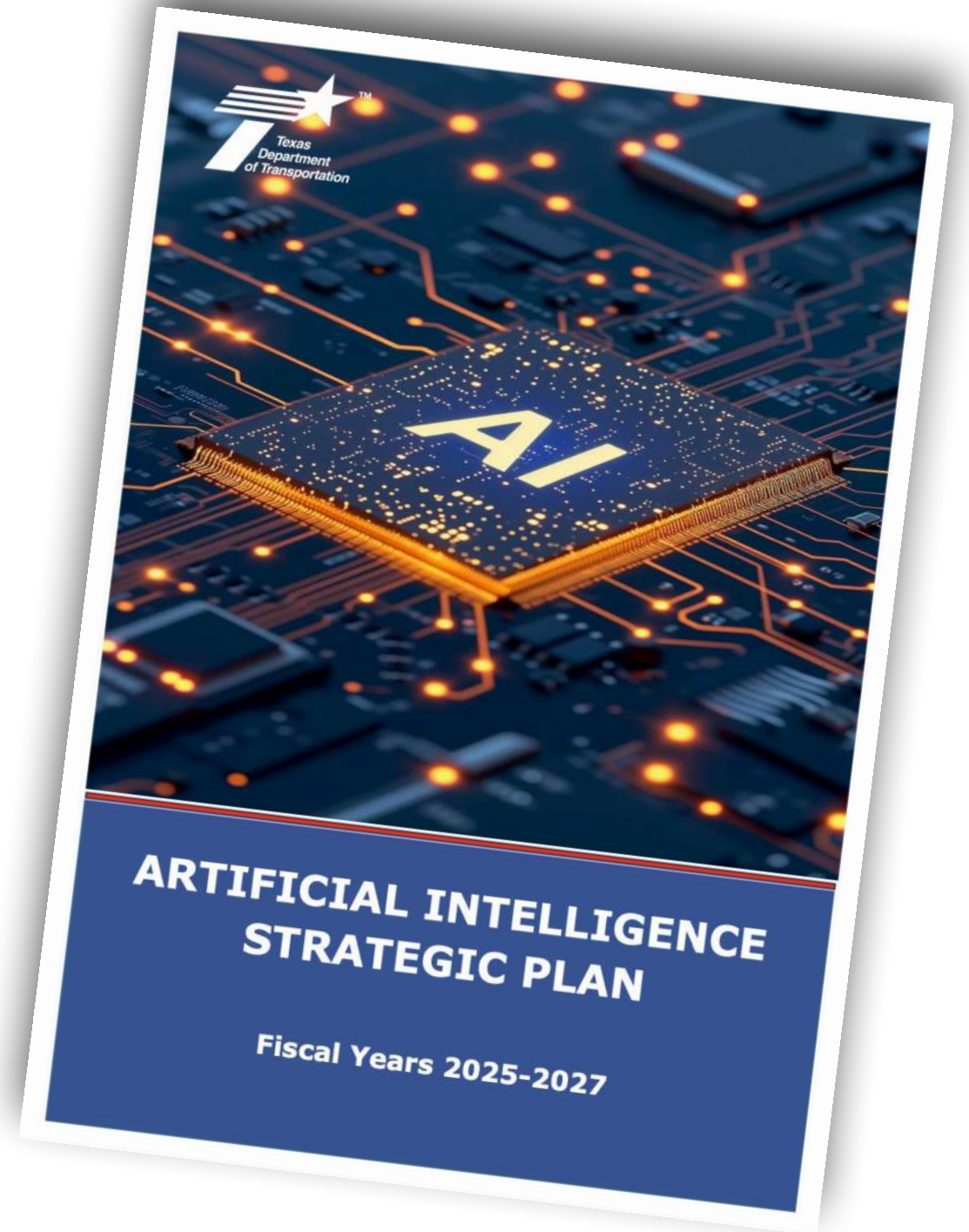
Planning Strategies

2025 Strategies that are Obsolete

- Prompt Engineering
- Computer Use
- Data Structuring
- Designing Frontend UI

New 2026 Capabilities

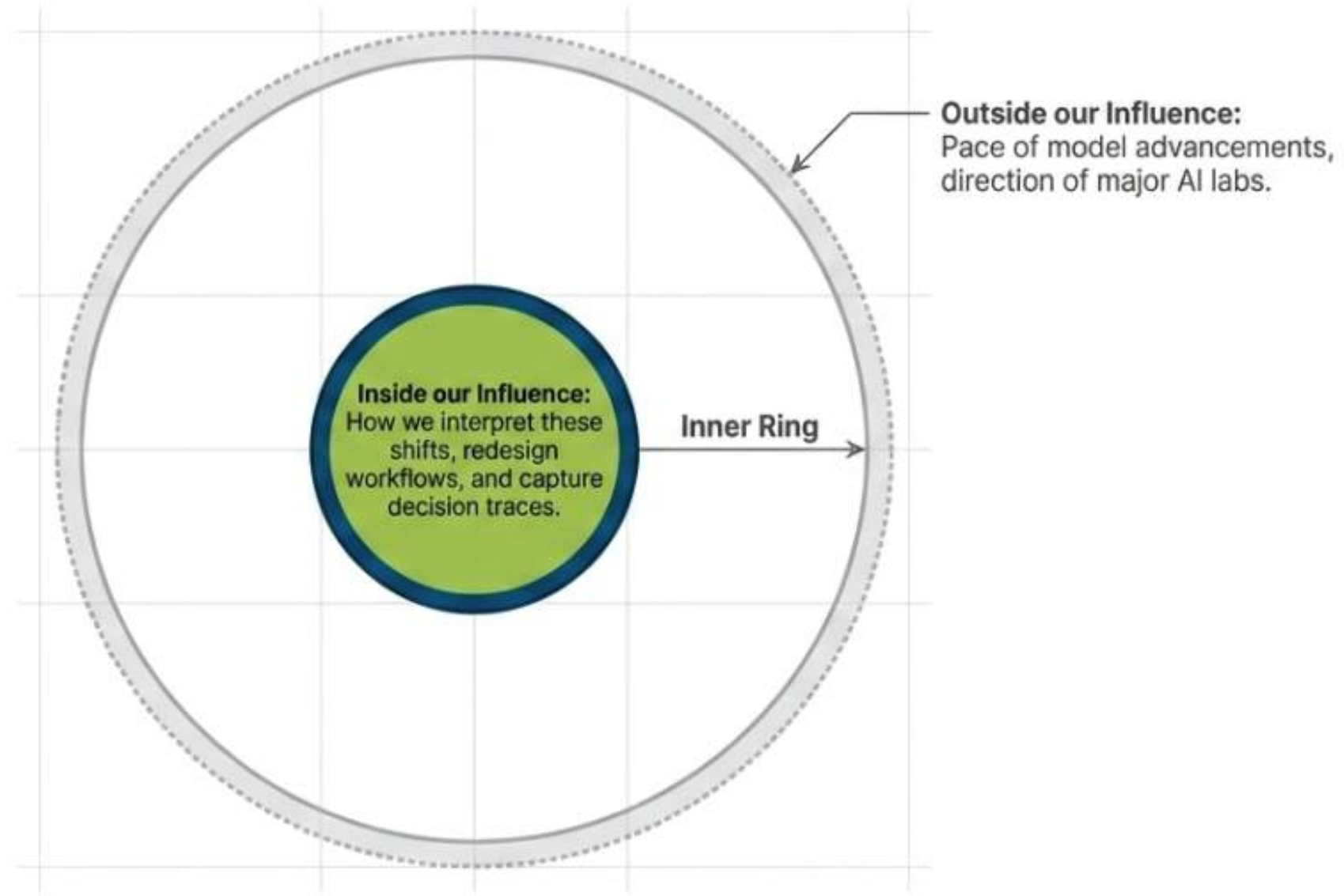
- AI Agent Advancement
- Remote Capabilities
- Local Agent Harnesses
- Headless Software
- Live Artifacts
- New Local Data Strategies



Circle of Influence

Inside Our Influence:

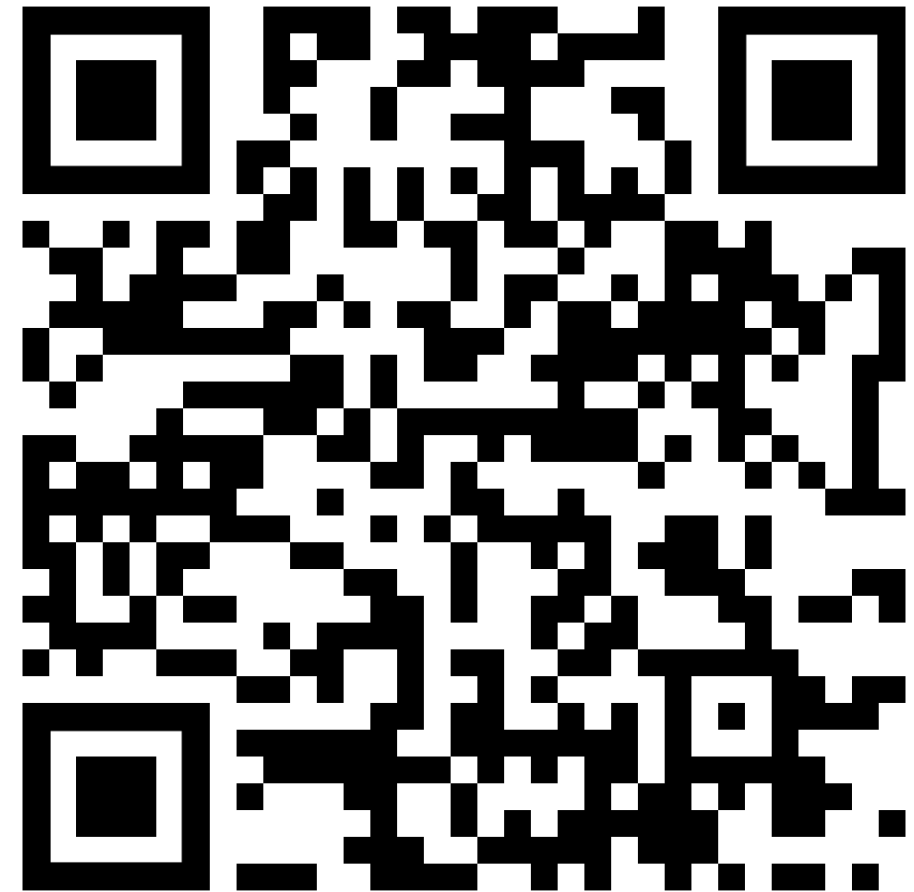
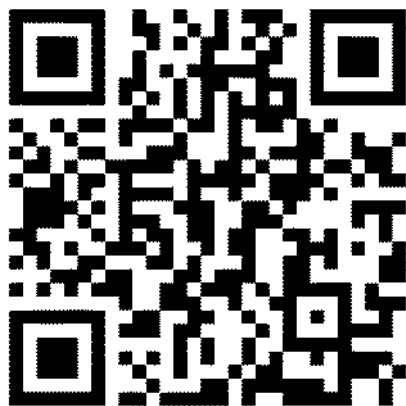
- “Skills” Development
- Documenting Decision Traces
- Collaborative Workflows
- Expand Firm Development Environments
- AI Education (The new language of Computers)
- R&D Culture
- Established new AI dedicated roles



Contact Information



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