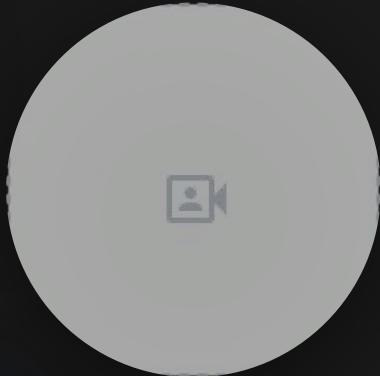


# About me



Billy Boozer - CEO



# Contents



1

**From Hype to Infrastructure**

2

**Going Beyond the Prompt**

3

**AI with ROI**

4

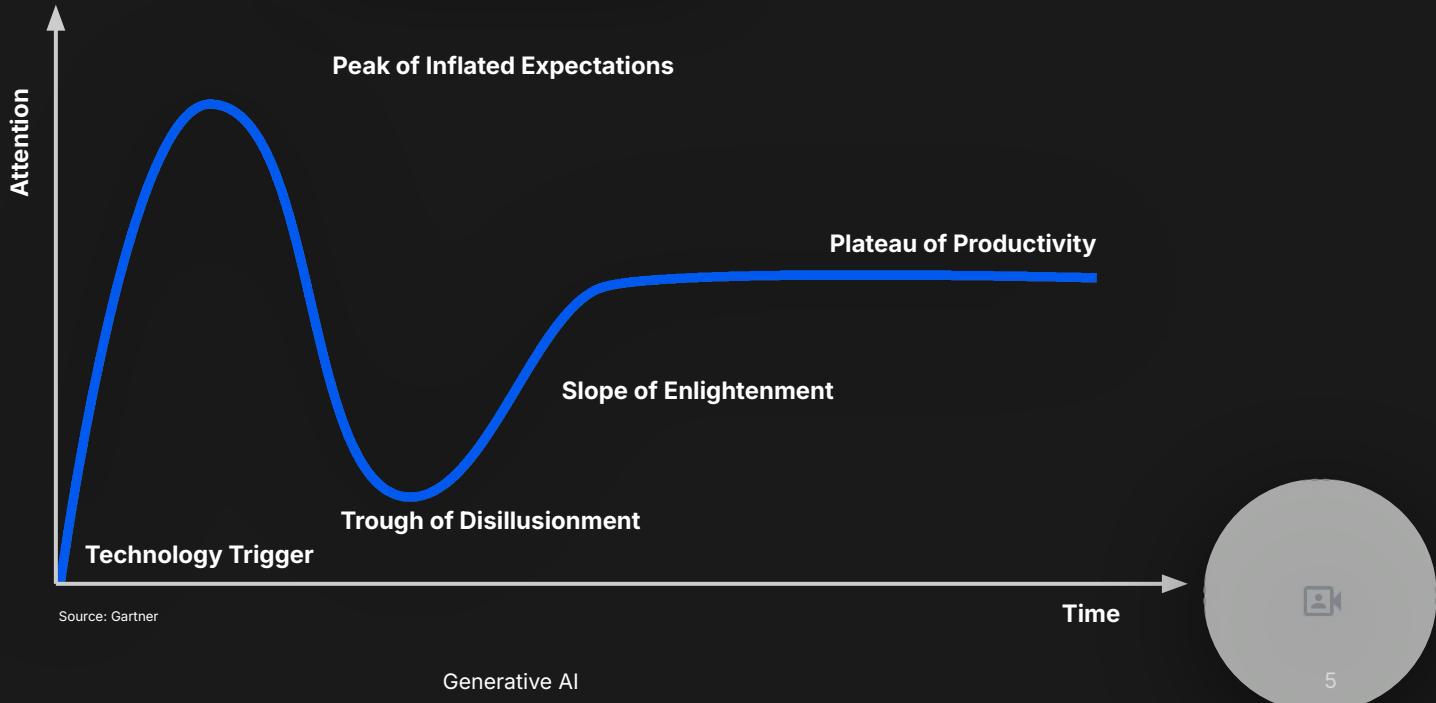
**Q&A**

# From Hype to Infrastructure

# From Copy to Copilots to Co-Workers



The Hype Cycle



# From Party Trick to Power Tool



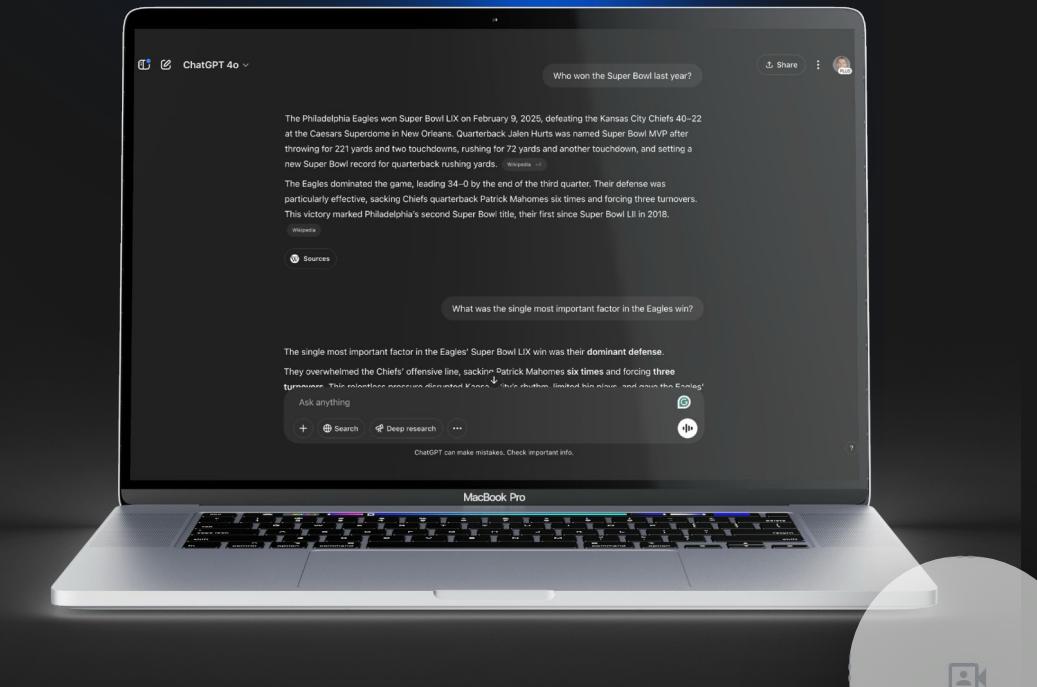
## 2023 - NL Chat



Impressive demos

## 2024 - RAG & Reasoning

## 2025 - Agents



# From Party Trick to Power Tool



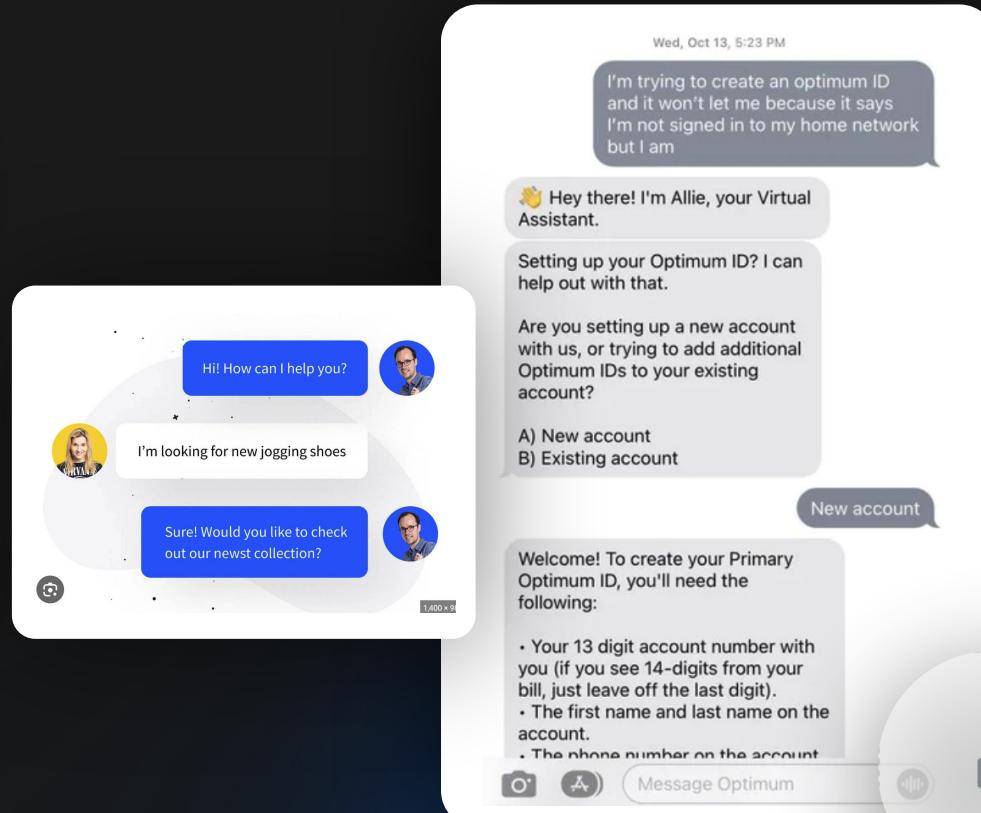
⌚ 2023 - NL Chat

⌚ 2024 - RAG & Reasoning



Enterprise curiosity

⌚ 2025 - Agents



# From Party Trick to Power Tool



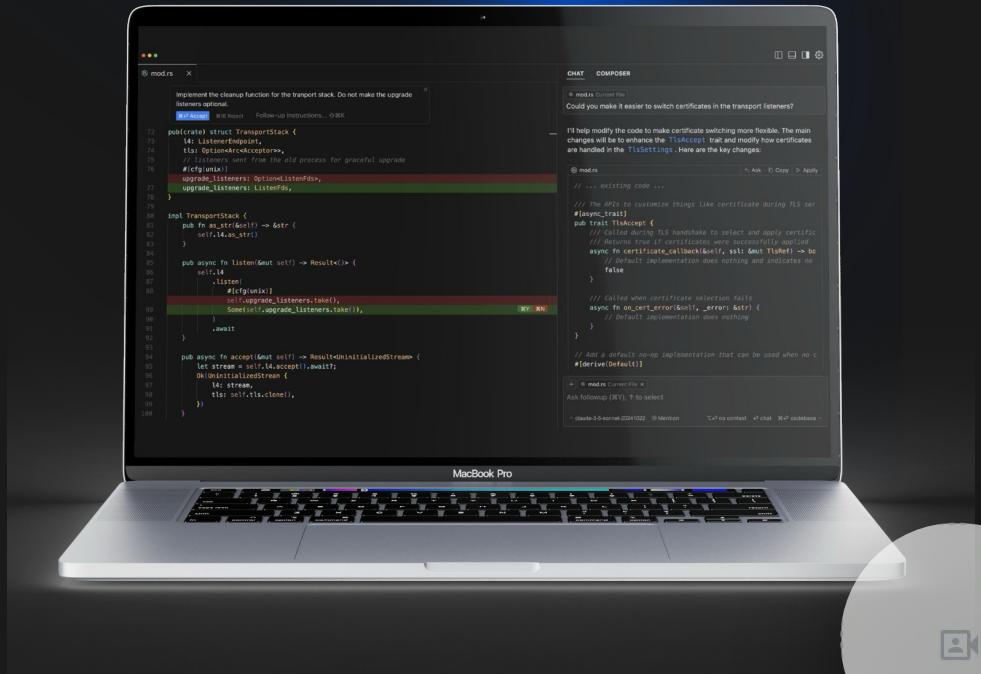
» 2023 - NL Chat

» 2024 - RAG & Reasoning

» 2025 - Agents



Business-critical infrastructure

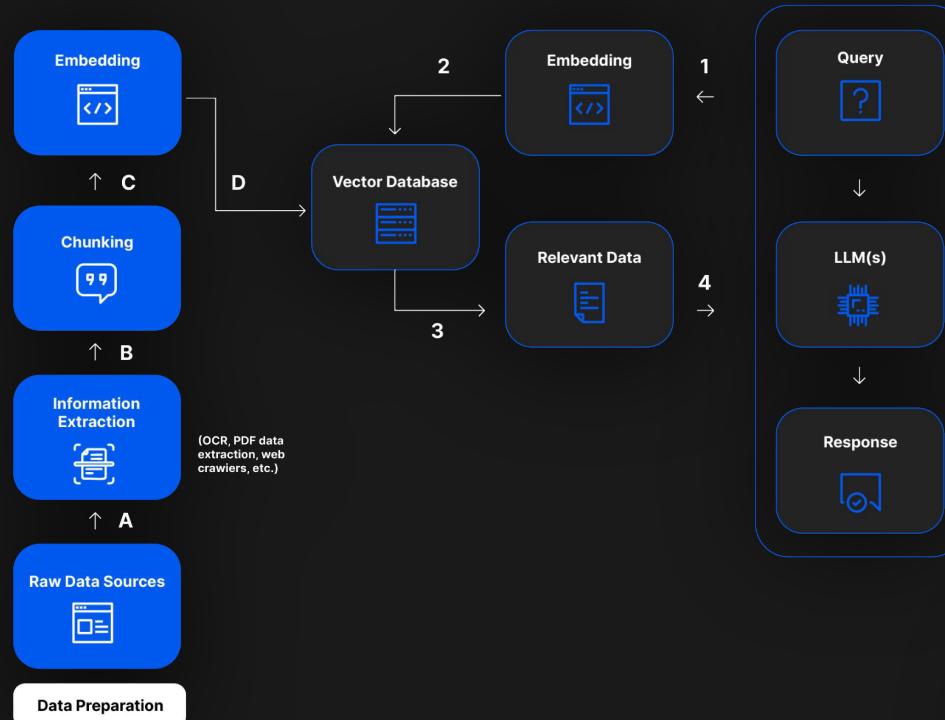


# Going Beyond the Prompt

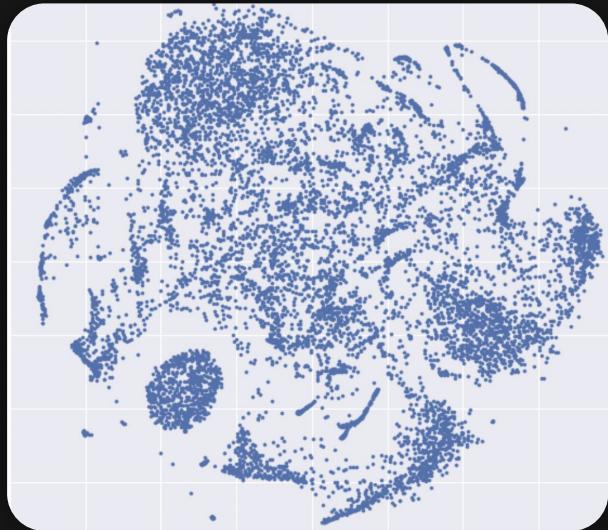
# What's Behind the Prompt 2023: *NL Chat*



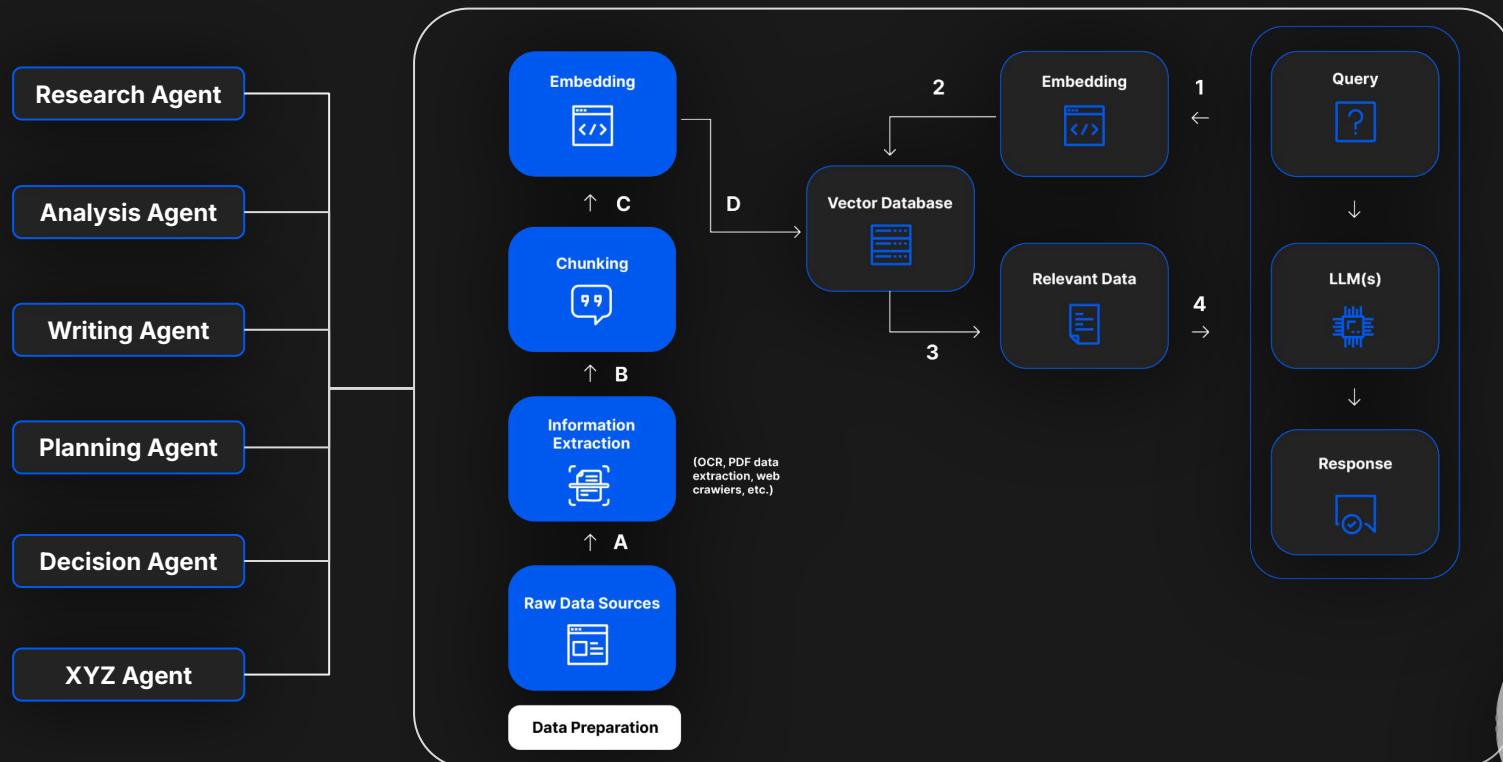
# What's Behind the Prompt 2024: *RAG*



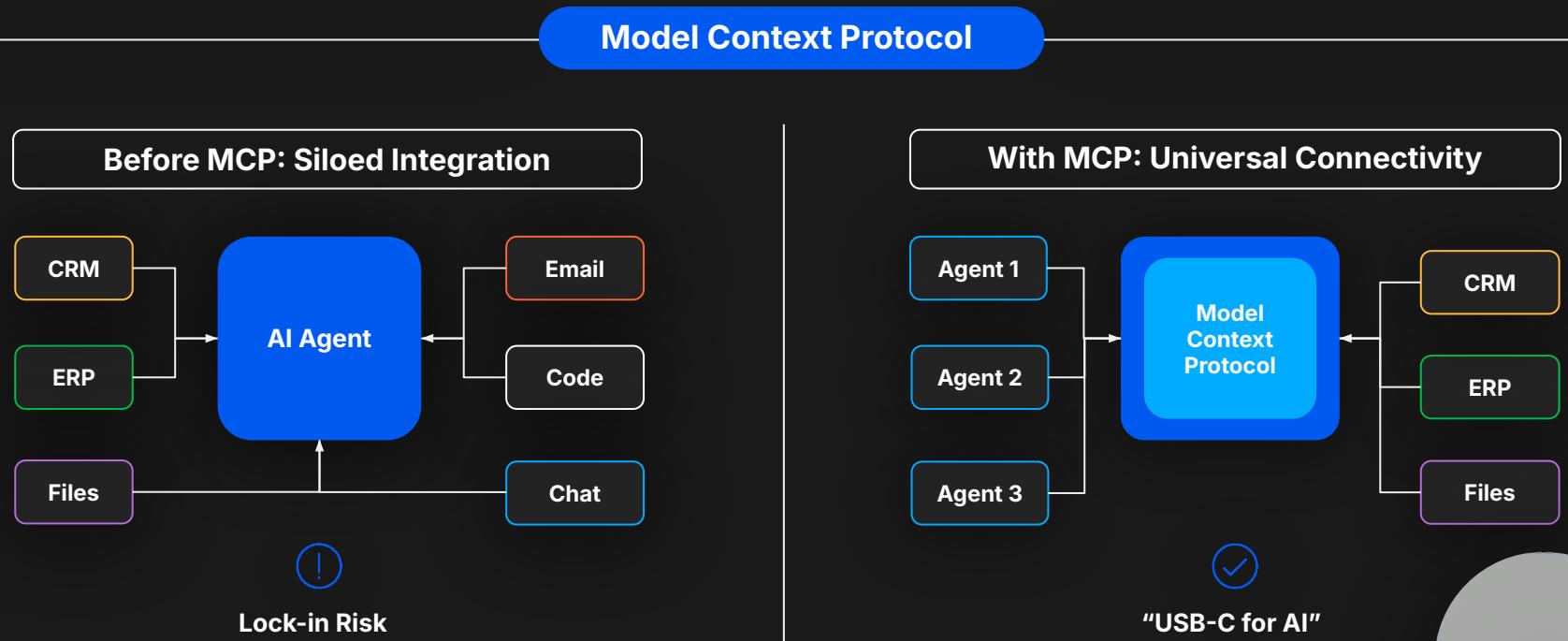
# Example - Vector Database



# What's Behind the Prompt 2025: *Agents*



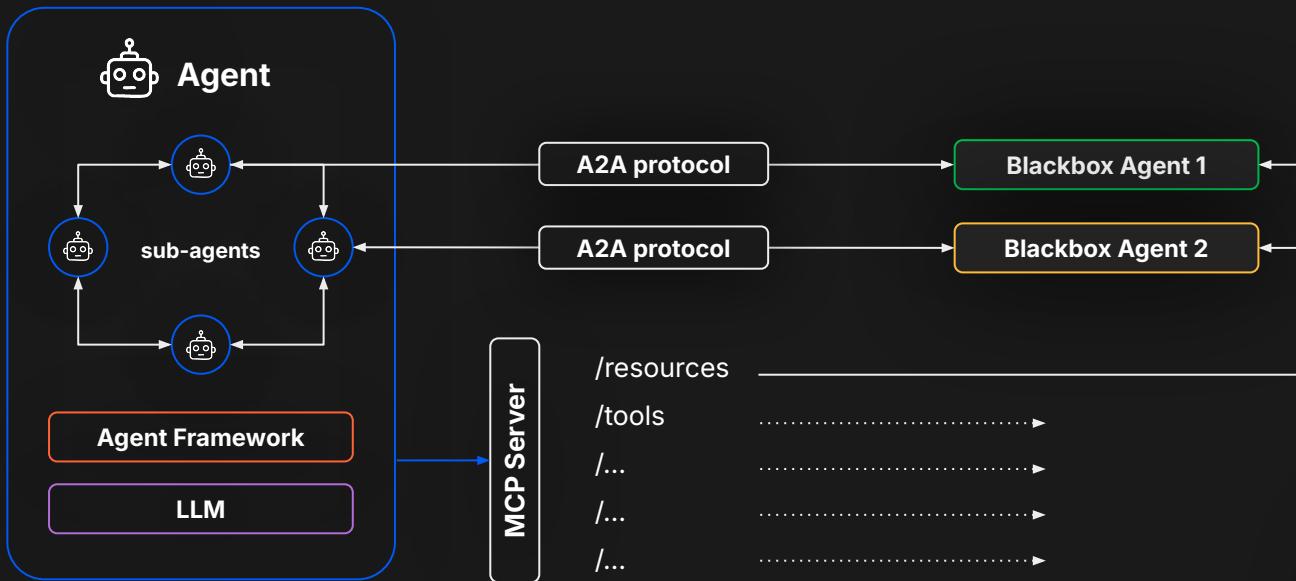
# What's Behind the Prompt 2025+: MCP



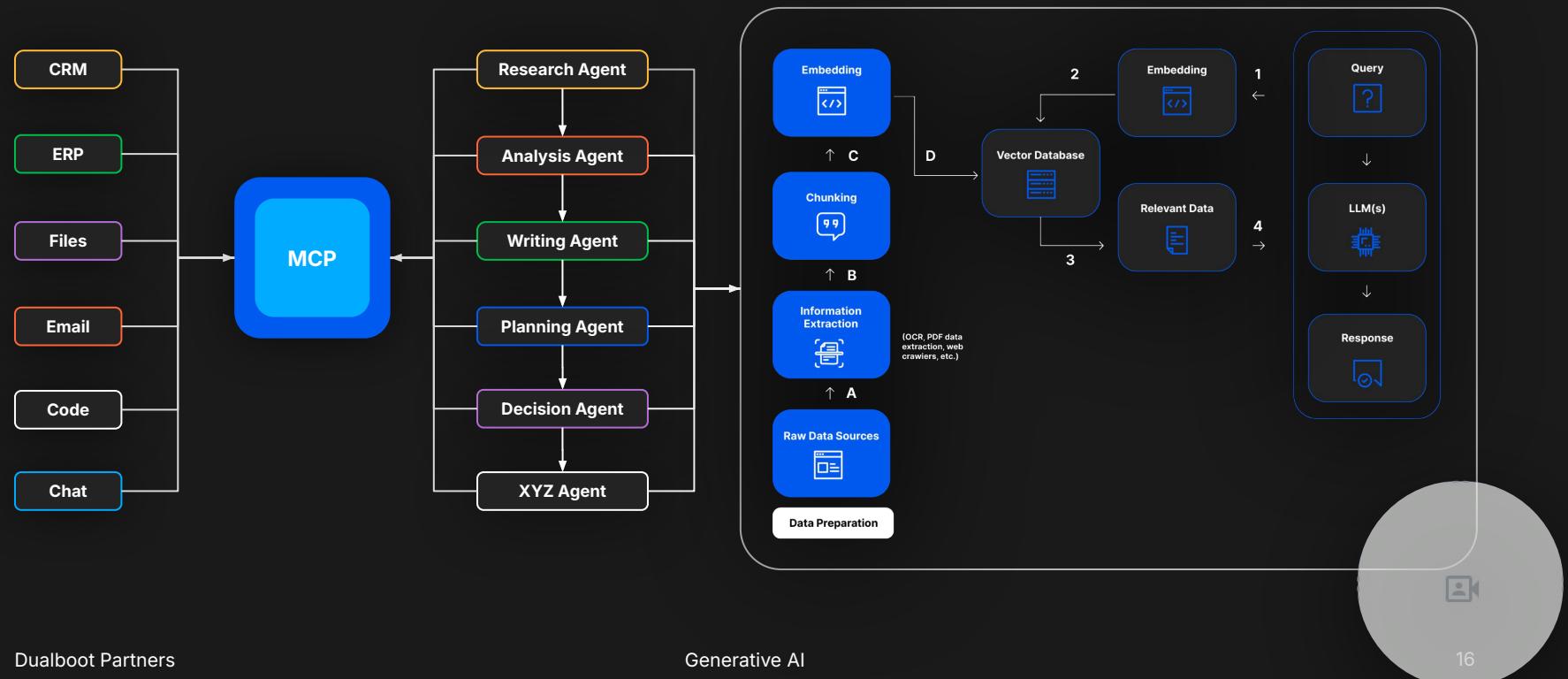
# What's Behind the Prompt 2025+: *A2A*



# Agent-to-Agent



# What's Behind the Prompt 2025+: *Interoperability*



# AI with *ROI*



## The Challenges

System complexity

**2X** Application features  
(vs. 2023)

Do more with less,  
budgets under scrutiny

## Our Solution

AI executes, experts guide

*25% faster delivery*



*33% fewer resources*

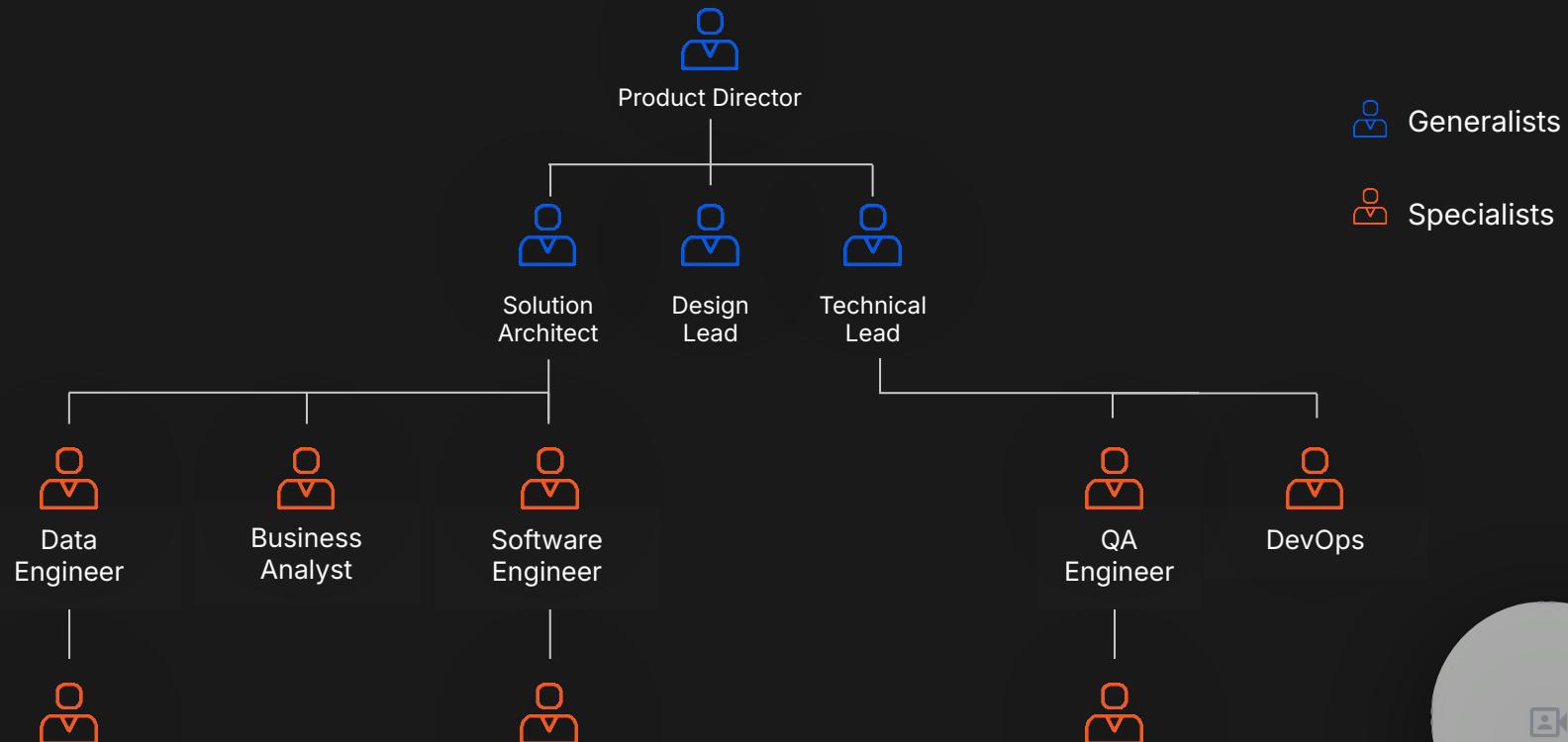


*50% efficiency increase*

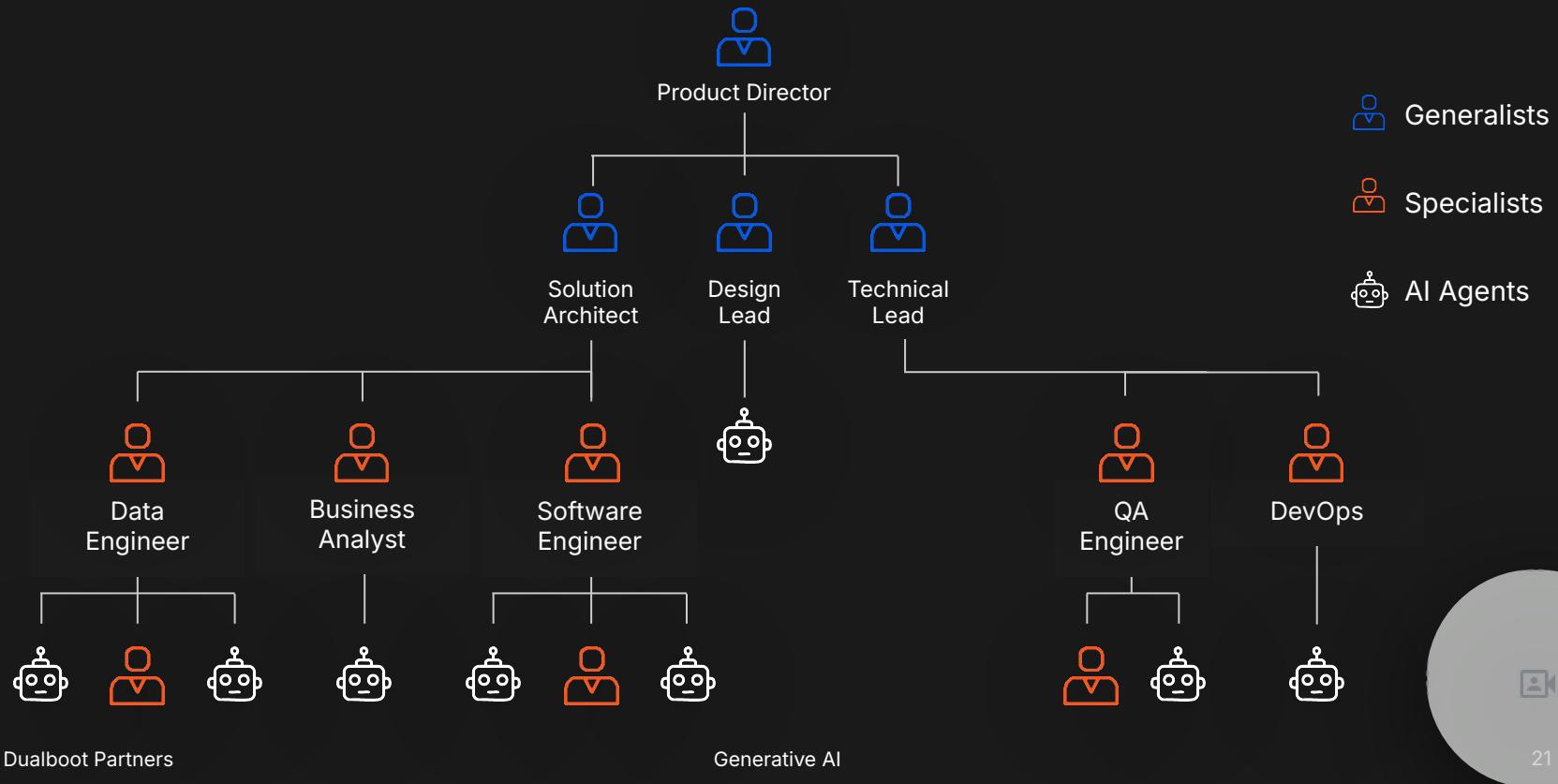


**The AI-first methodology that enables our  
people, processes, and tools to deliver  
*better results faster.***

# DB90: The *traditional* digital team structure



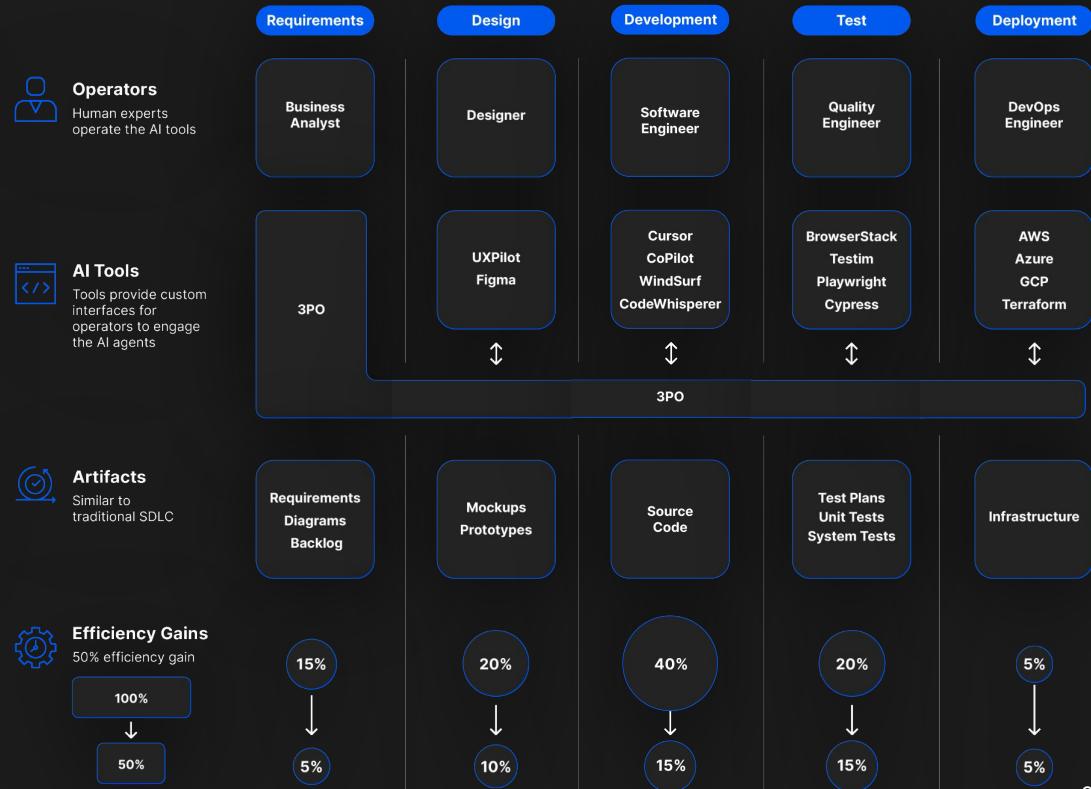
# DB90: The *new* digital team structure



# DB90: Build faster, *build better*



DB90 speeds up software development by using AI tools, guided by experts, to handle time-consuming tasks. This boosts productivity, reduces repetitive work, shortens time to market, and improves software quality.



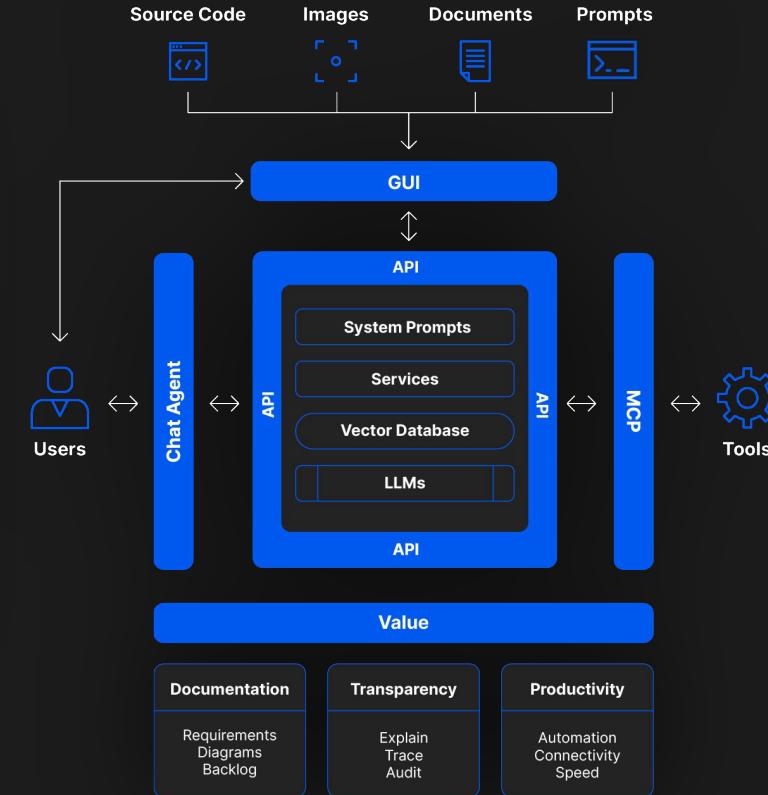
# 3PO: *AI-First* Software Modernization Tool



3PO speeds up kickoff, captures requirements faster, and helps teams get started quickly—so you can start building or modernizing faster with less effort.



Dualboot Partners



Generative AI

23

# The New AI Stack: It's Not Just Models

## ● Monitoring & MLOps

Track application health, performance, costs, and quality of AI results.

## ● Application Logic

Business logic and interfaces to provide functionality to the frontend.

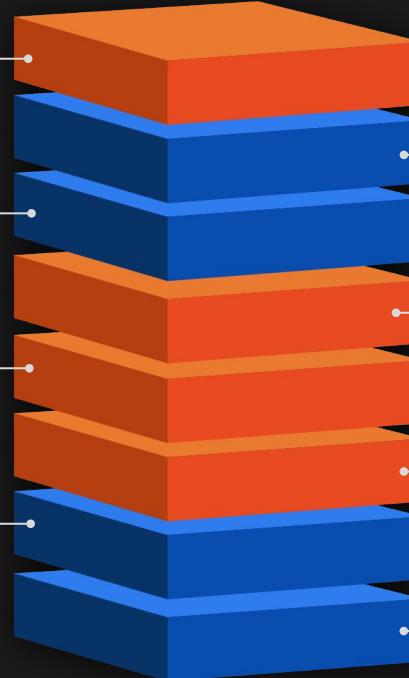
## ● Core AI Model (LLM)

The LLMs that processes the queries and RAG context, and generates responses.

## ● Data Storage & Management

Application and domain data management.

● Indicates AI-driven additions to the tech stack



## ● Frontend

Provides the user interface for users to interact with the system.

## ● Agent Orchestration

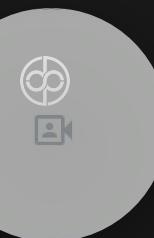
Coordinates the interaction between the queries, databases, and LLMs to implement the RAG pattern.

## ● Data Processing & Embedding

Analyze and chunk domain data, generate embeddings, and load them to the vector database and/or knowledge graph.

## ● Cloud Platform

Provides scalable computing (EC2, Lambda), storage (S3), networking, and managed AI/ML services.



# Deterministic vs Probabilistic Systems



## Deterministic systems

- ⌚ Predictable outputs
- ⌚ Same input = same output
- ⌚ Rules are hand-coded
- ⌚ Traditional software

## Probabilistic systems (like genAI)

- ⌚ Output is based on probability
- ⌚ Same input ≠ same output
- ⌚ Learns from data patterns
- ⌚ Generative AI systems

**2+2=4**

**2+2=?**

# Compounding Rate of Change



## Dimensions



Algorithms



Chips



Data Centers

## Rate of Change

1 year  
3x - 4x

2 years  
10x

4 years  
100x

## Results

Algorithms

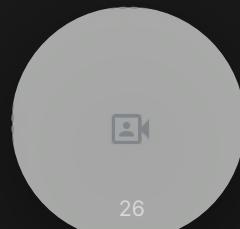
x

Chips

x

Data Center

= 1,000,000 better



# *AI Strategy in One Slide:*

## Start Smart, Scale Fast, Stay Ready



### Where to Start

- ④ Identify 1-2 high-friction tasks ripe for automation
- ④ Use your company's data to ground the model (RAG > fine-tuning)
- ④ Measure speed, accuracy, cost-per-call
- ④ Pilot for impact, not perfection



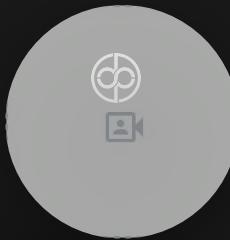
### Build vs. Buy

- ④ Ask yourself:
  - Is this core IP or internal productivity?
  - Do we need full control or fast time-to-value?
  - Do we have (or want to build) AI expertise in-house?
- ④ Mix custom + off-the-shelf where it makes sense



### Org Readiness

- ④ Emerging roles to plan for:
  - Prompt Engineers → optimize model inputs
  - AI Product Managers → own outcomes
  - LLM Ops Engineers → monitor & improve model performance
  - AI Governance → manage risk, compliance, and trust





# Where Can AI Move the Needle for You?



**Ben Gilman**

[ben.gilman@dualbootpartners.com](mailto:ben.gilman@dualbootpartners.com)



# Where Can AI Move the Needle for You?



**Ben Gilman**

[ben.gilman@dualbootpartners.com](mailto:ben.gilman@dualbootpartners.com)

# About me



Ben Gilman - CTO

