“Stop adding noise, Send signals worth hearing.

- Sanjiva





- An architect
- A first-principle thinker
- Deeply human



- High **trust**
- High **standards**
- Long **horizon**

THE LAST DANCE



Picture credit: www.amazon.com/The-Last-Dance/dp/B08D39P7SZ



Picture credit: nba.com

“Heroes come and go, but legends are forever.

Kobe Bryant



WSO2CON NORTH AMERICA

May 20 - 22, 2026 | Austin, Texas, USA

Abstractions for the Agentic Enterprise

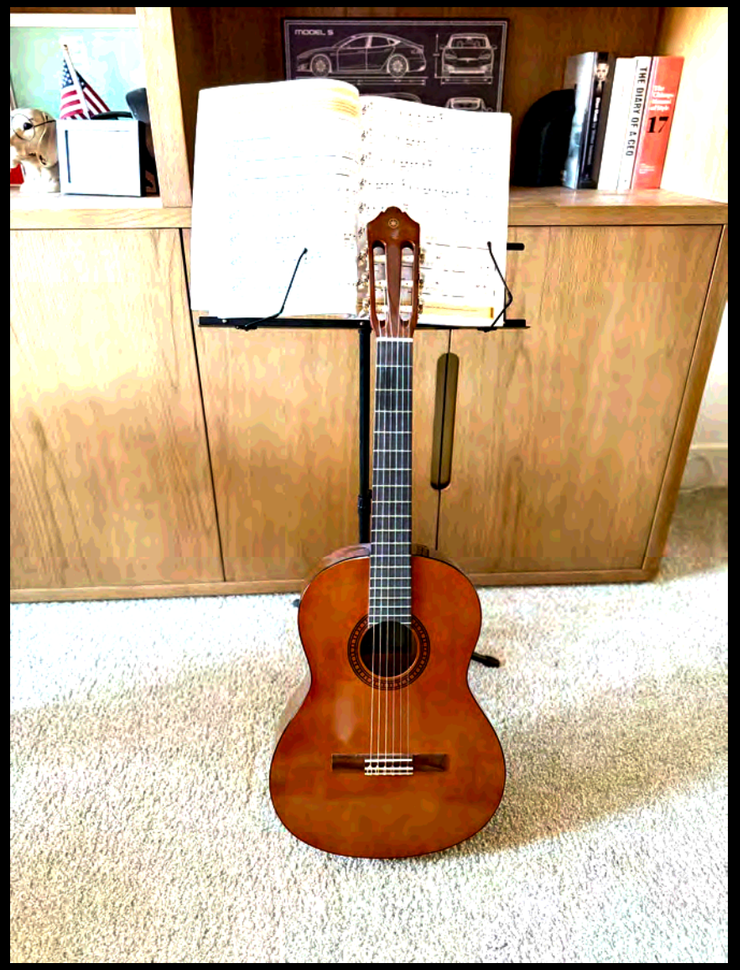


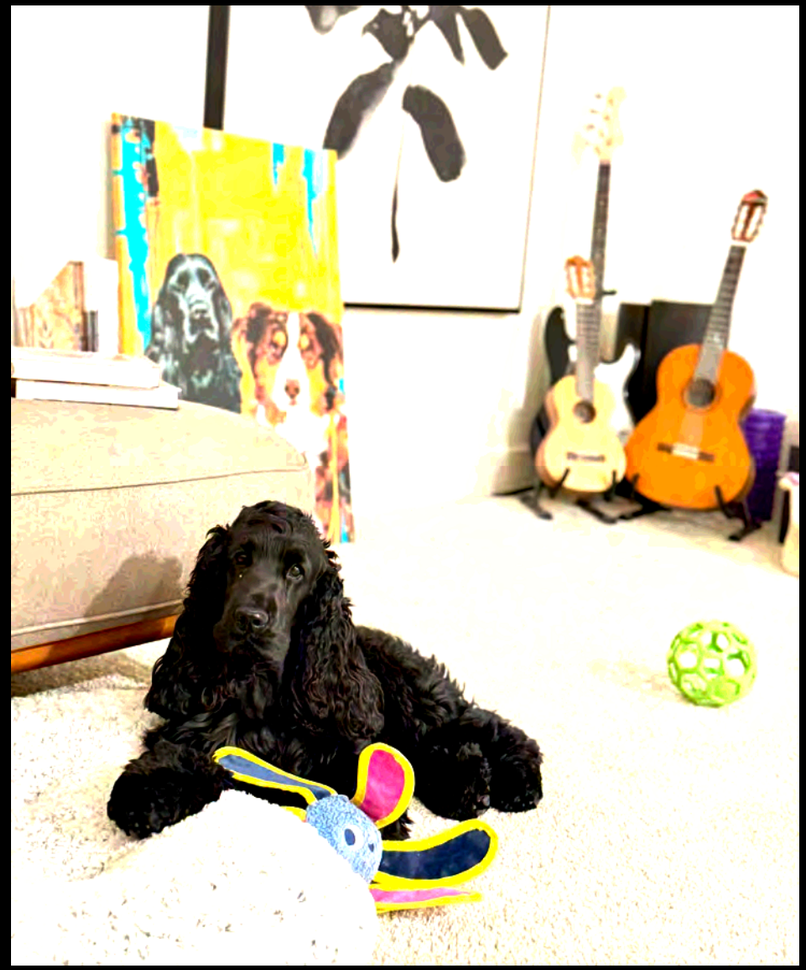
Asanka Abeysinghe

CTO


LIVE MUSIC CAPITAL
OF THE WORLD
Austin
EST. 1839







787 Castro St
Mountain View, CA 94041

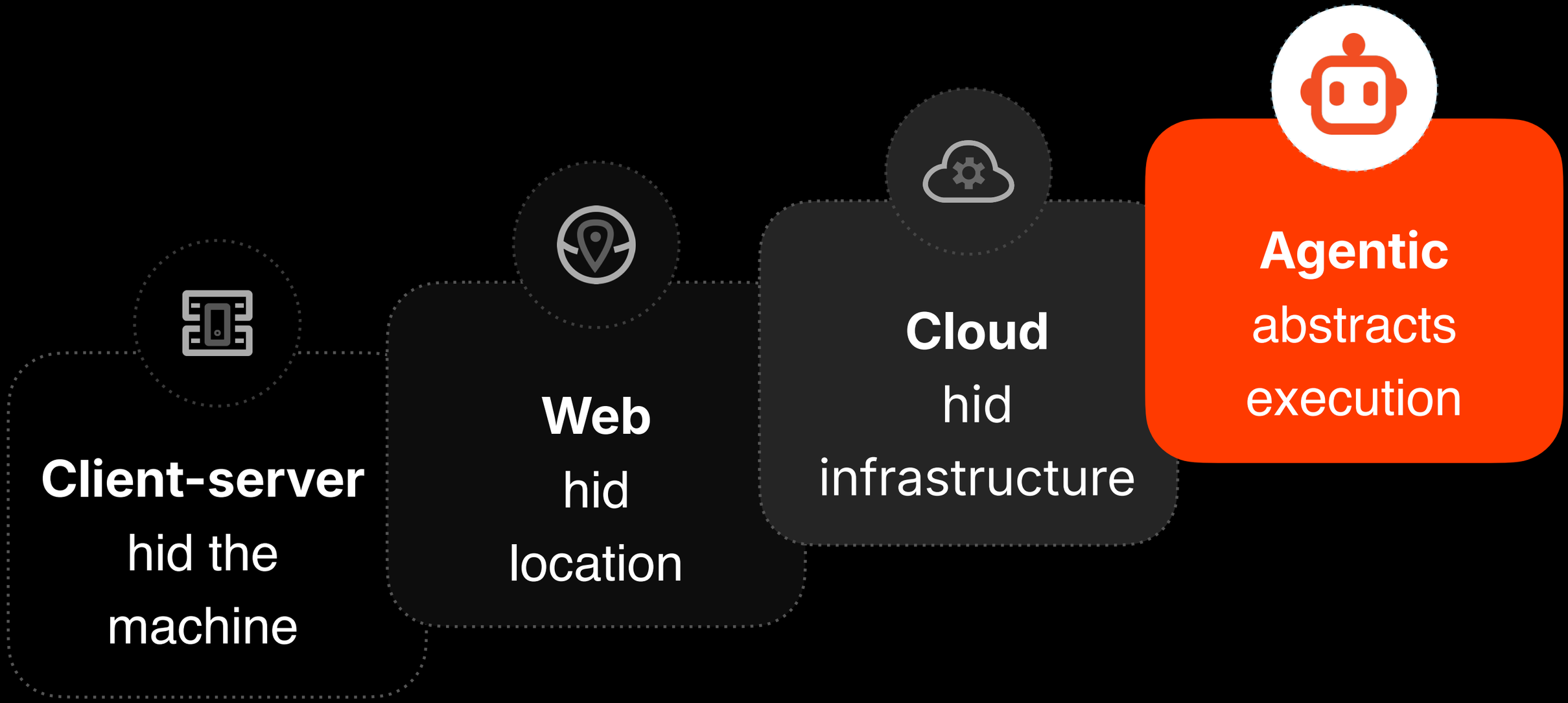
What you **pay attention** to **changes**

- Fingers
- Chords
- Music

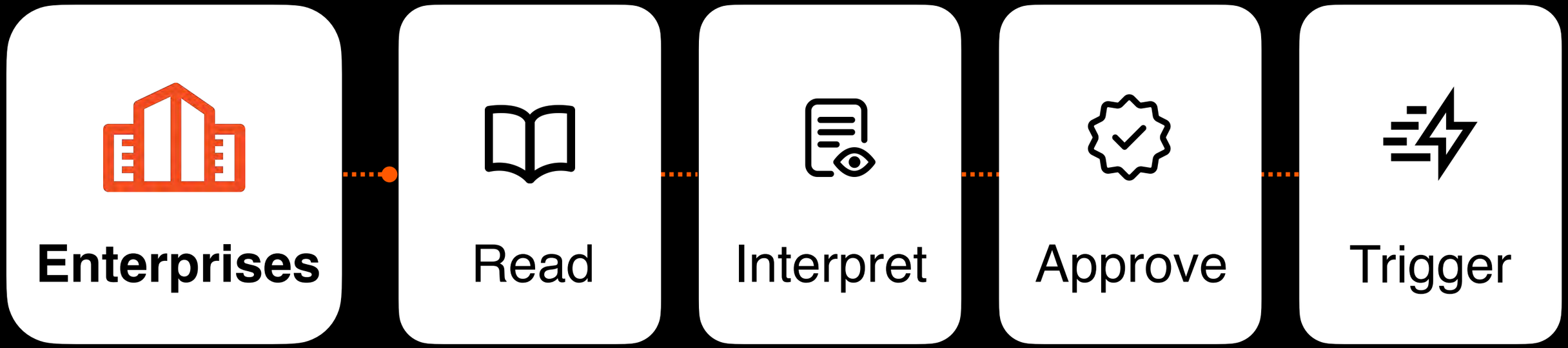


Not because **it stopped mattering**, because **it got abstracted**.

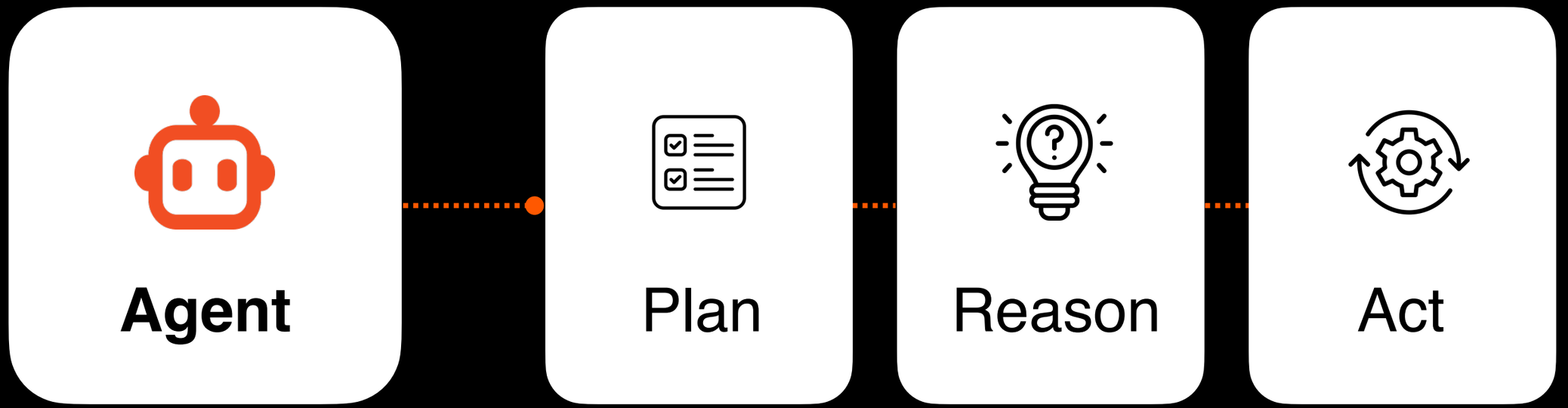
Every **era** is **defined** by **what it hides**



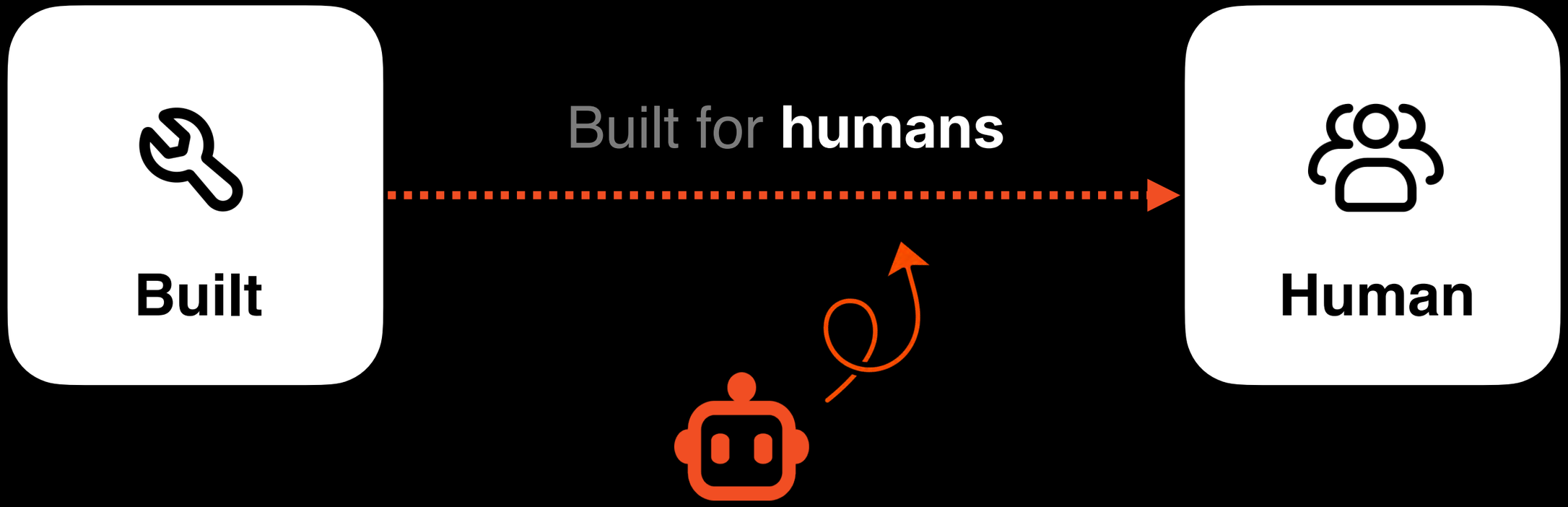
Most enterprises are still built for manual execution



Agents do not work that way



Where it breaks

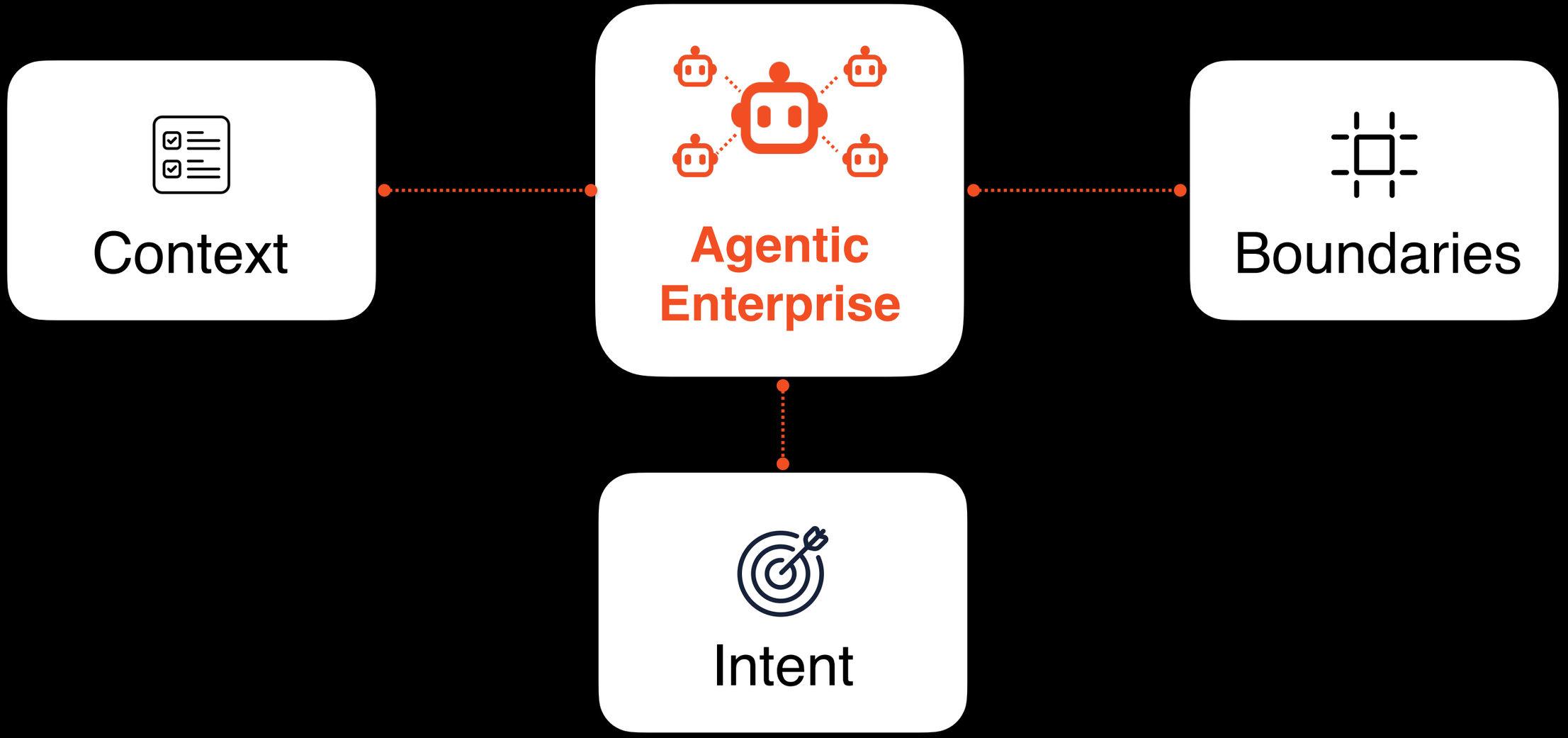


Leaky abstractions in an agentic system don’t slow you down. They break trust.

So what does a

well-abstracted agentic enterprise look like?

A model for the agentic enterprise





Intent

Abstract the goal, not the steps



Picture credit: linkinpark.warnerrecords.com

How to make **intent** structural

- Define goals, not tasks
- Encode **constraints** up front
- Make success **measurable**
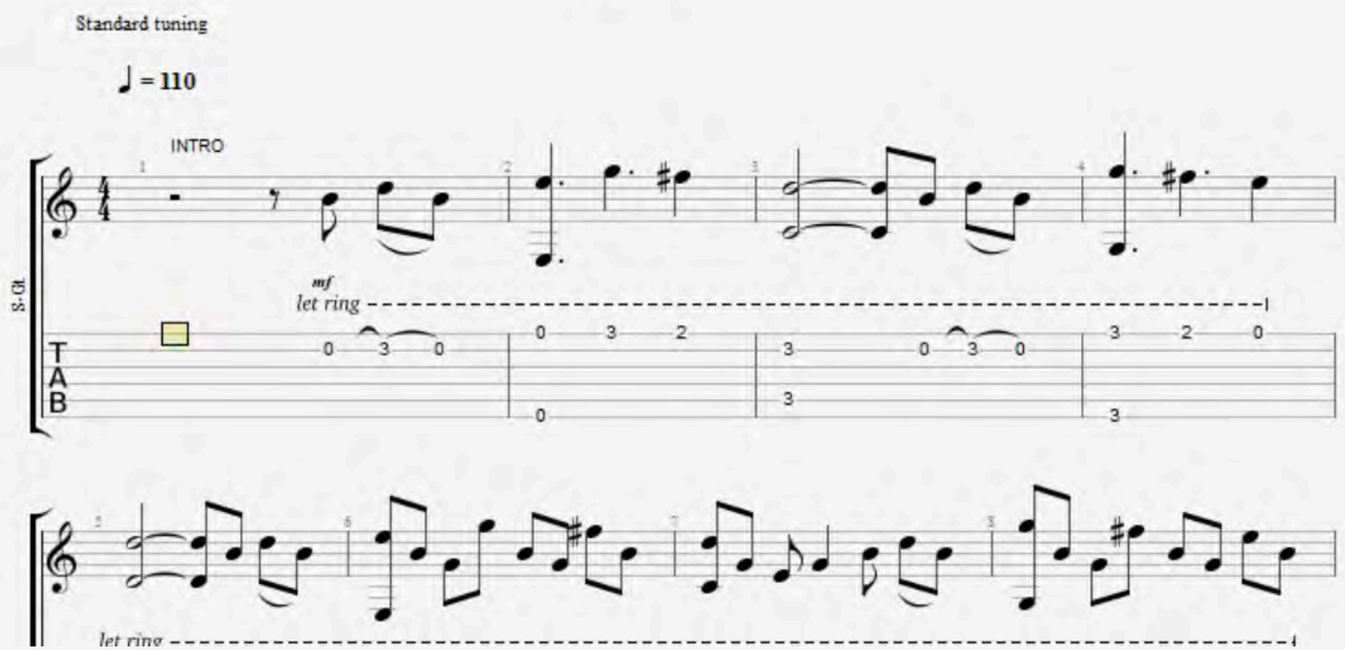


Context is **not documentation**. It's

architecture **policies** **trust**

levels **data access** **domain**

knowledge



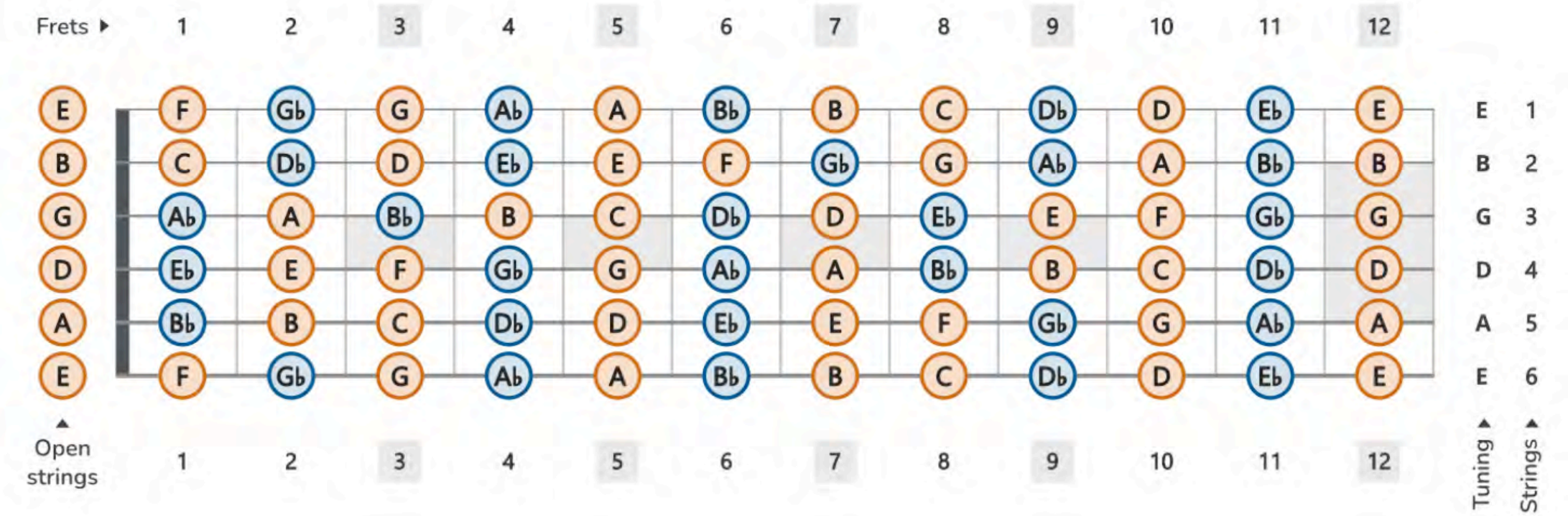
Picture credit: www.learnguitarinlondon.com

How to make **context** structural

- Keep it **current** and **accessible**
- Make domain boundaries **explicit**



Boundaries are enforced by design, not by workflow.

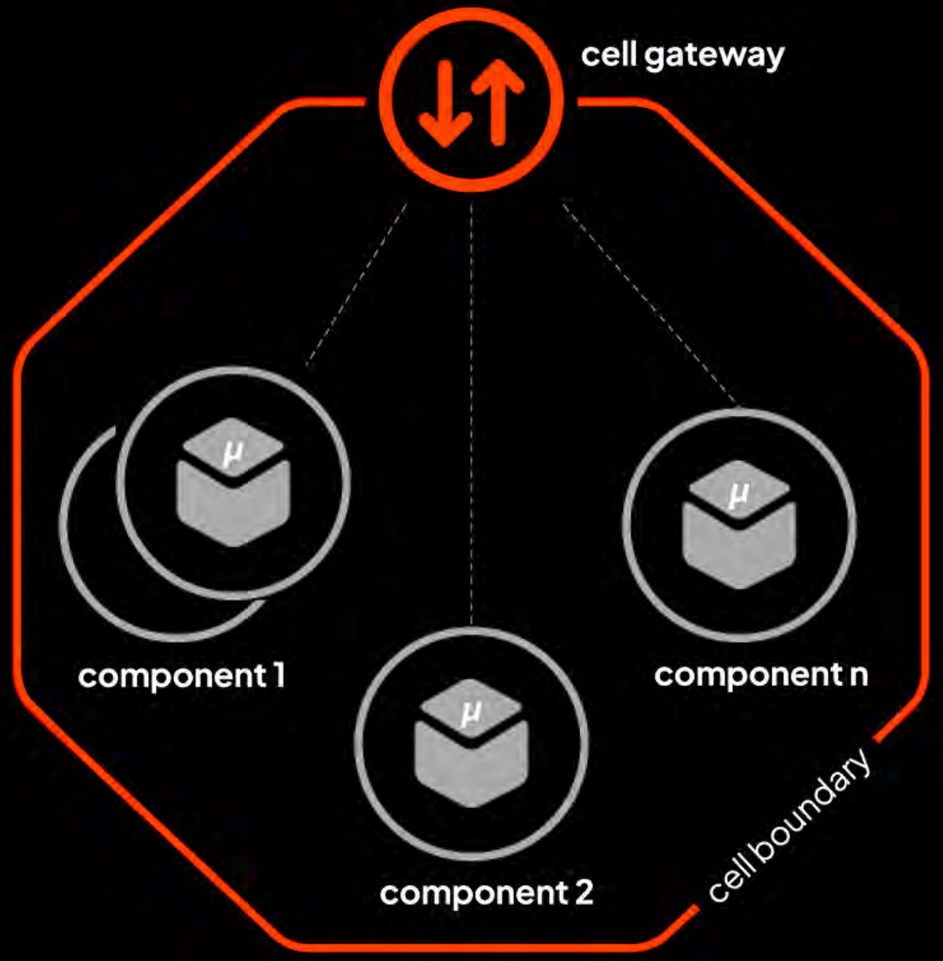

Frets ▸ 1 2 3 4 5 6 7 8 9 10 11 12
E B G D A E
F Gb G Ab A Bb B C Db D Eb E
C Db D Eb E F Gb G Ab A Bb B
Ab A Bb B C Db D Eb E F Gb G
Eb E F Gb G Ab A Bb B C Db D
Bb B C Db D Eb E F Gb G Ab A
F Gb G Ab A Bb B C Db D Eb E
E B G D A E
Tuning ▸ Strings ▸
Open strings
1 2 3 4 5 6 7 8 9 10 11 12

How to make **boundaries** structural

- **Enforce limits** by design
- **Decentralize** execution
- **Federate** oversight

DDD & Cell-based architecture fits this model

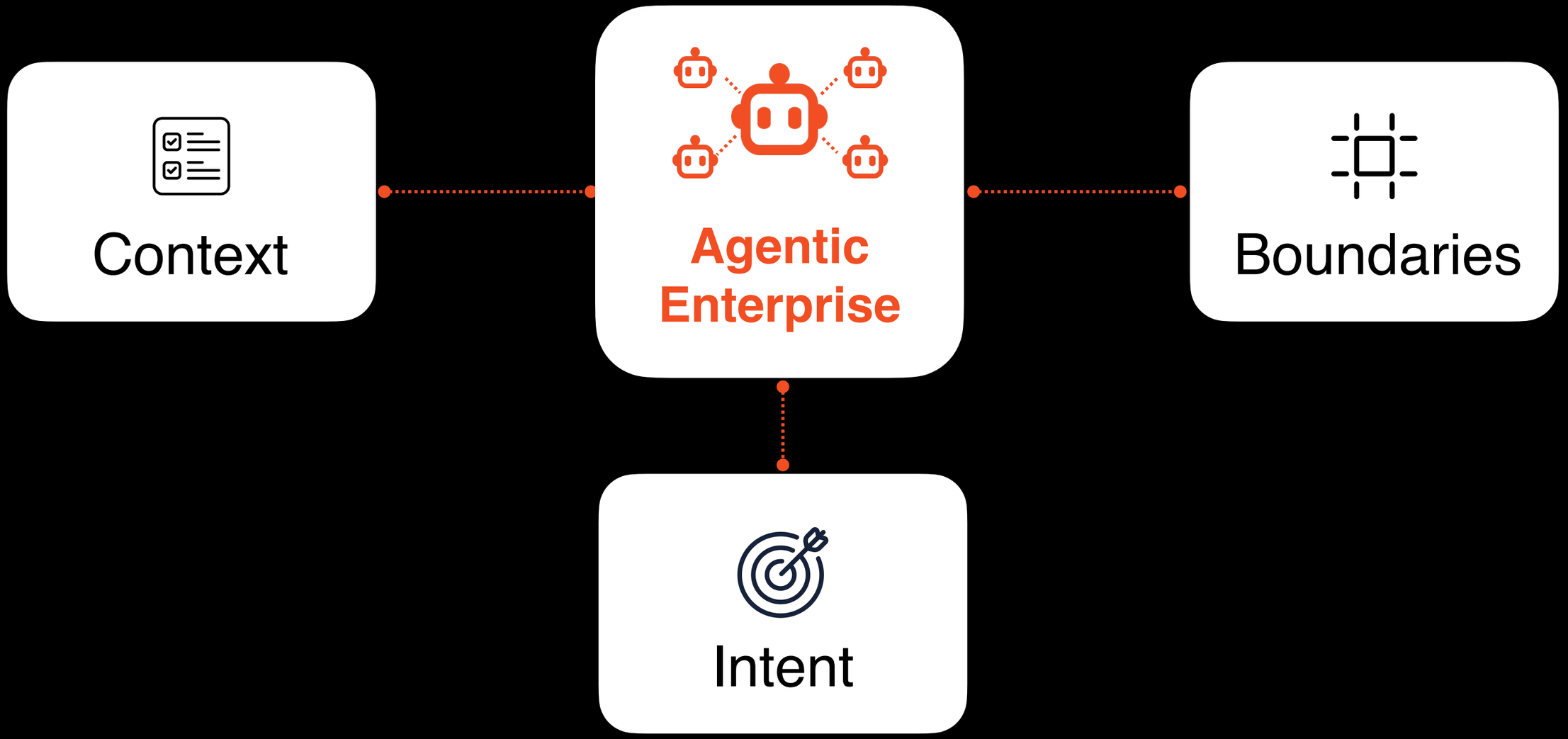
- **DDD** defines the bounded context
- **Cells** turn bounded contexts into operating units



Boundaries that need a **human** at **every step** are **not boundaries.** **They're** a **bottleneck.**



The **model**



What **changes** in the **enterprise**

- People move up to **intent**
- Agents take on **execution**
- Architecture carries the **context** and **boundaries**

WSO2 builds the **abstractions** for the **agentic enterprise.**

A three-layer **engagement**



Strategy

We help you define where you want to go, map the gap between today and your agentic North Star, and build a roadmap that fits your constraints — regulatory, operational, and commercial.



Architecture

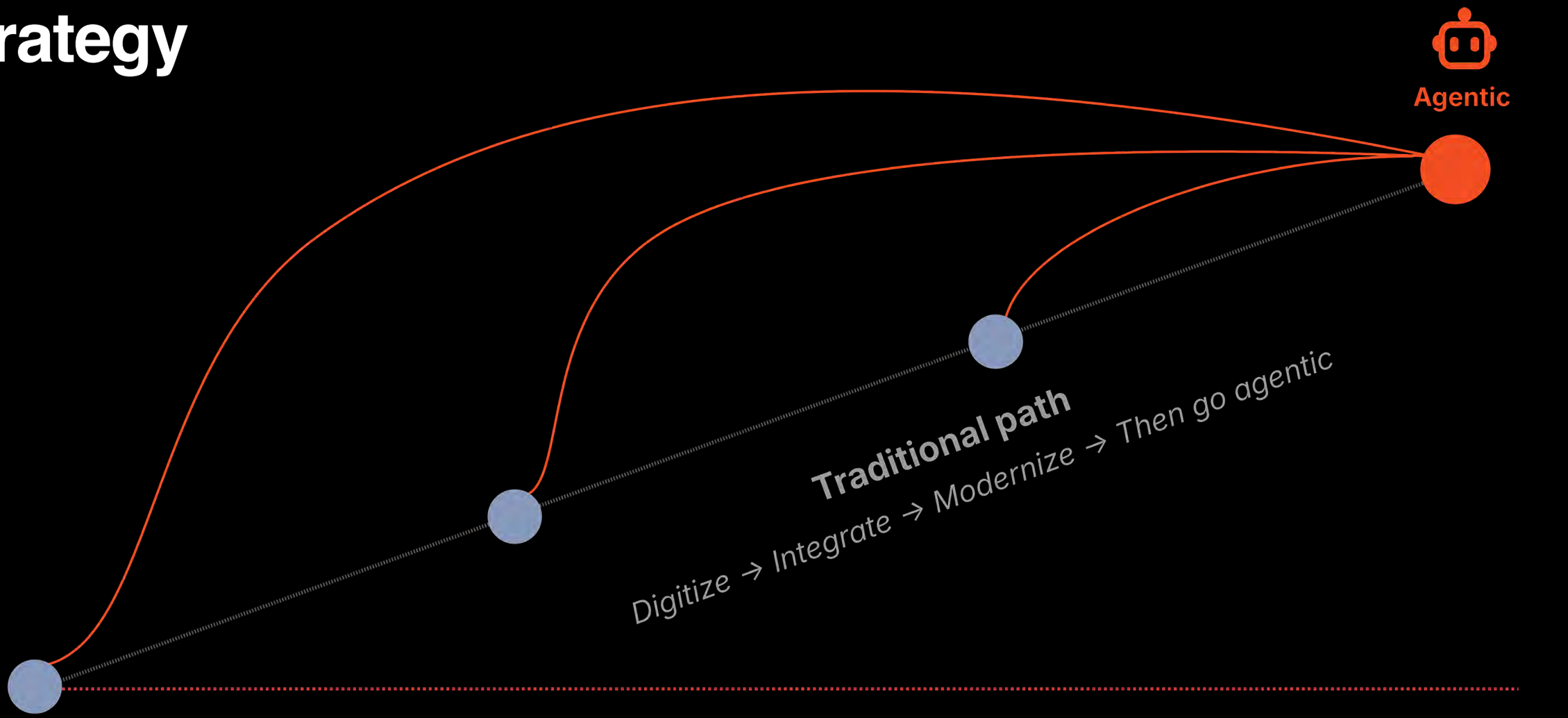
We co-design the architecture with your team — platform selection, integration patterns, identity model, and governance framework — so your agentic foundation is built right from the start.



Technology

We deploy, integrate, and operationalize using WSO2 platforms — open source & SaaS first, enterprise-grade from day one, on your infrastructure, with your team fully enabled to own it.

Strategy



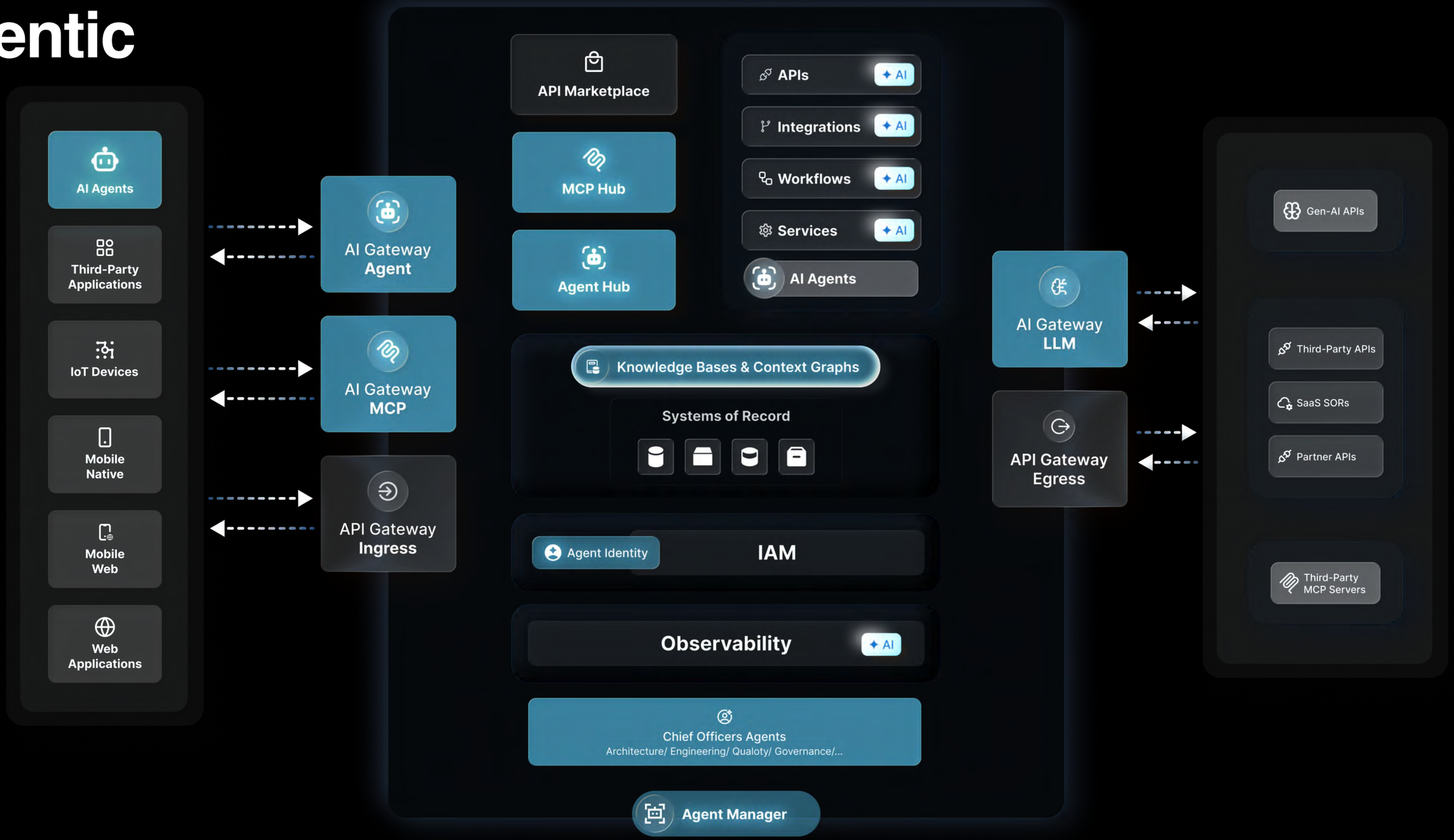
The act of becoming agentic IS the transformation — you don't have to finish one before starting the other.

Assess | **Define** | **Leapfrog** | **Golden path**

Today


Third-Party Applications
IoT Devices
Mobile Native
Mobile Web
Web Applications
API Gateway Ingress
API Marketplace
APIs
Integrations
Workflows
Services
Systems of Record
IAM
Observability
API Gateway Egress
Third-Party APIs
SaaS SORs
Partner APIs

Agentic


AI Agents
Third-Party Applications
IoT Devices
Mobile Native
Mobile Web
Web Applications
AI Gateway Agent
AI Gateway MCP
API Gateway Ingress
API Marketplace
MCP Hub
Agent Hub
APIs
AI
Integrations
AI
Workflows
AI
Services
AI
AI Agents
Knowledge Bases & Context Graphs
Systems of Record
Agent Identity
IAM
Observability
AI
Chief Officers Agents
Architecture/ Engineering/ Qualoty/ Governance/...
Agent Manager
AI Gateway LLM
API Gateway Egress
Gen-AI APIs
Third-Party APIs
SaaS SORs
Partner APIs
Third-Party MCP Servers

WSO2 **AEF** (*agentic enterprise fabric*)

Self-hosted | Private Cloud | SaaS

Agent Platform	govern · observe · evaluate · secure	Agent Manager · AI Gateway · Agent ID
API Platform	single control plane · AI gateway · MCP	AI Gateway · AI Workspace API Control Plane · API Portal & MCP Hub · Monetization
Integration Platform	600+ connectors · event-driven · AI-native	Integrator
Identity Platform	agent ID · human IAM · zero-trust	Identity Server · Access Manager · AgentID Security Token Service
Engineering Platform	golden paths · CI/CD · observability	Choreo · Developer Platform · OpenChoreo
Solutions	pre-built outcomes	Healthcare Interoperability · Open Banking Vendor Consolidation

Becoming an Agentic Enterprise with WSO2 by

Dr. Rania Khalaf (Chief AI Officer), Asanka Abeysinghe (Chief Technology Officer), and Dr. Sanjiva Weerawarana (CEO and Chief Product Officer).

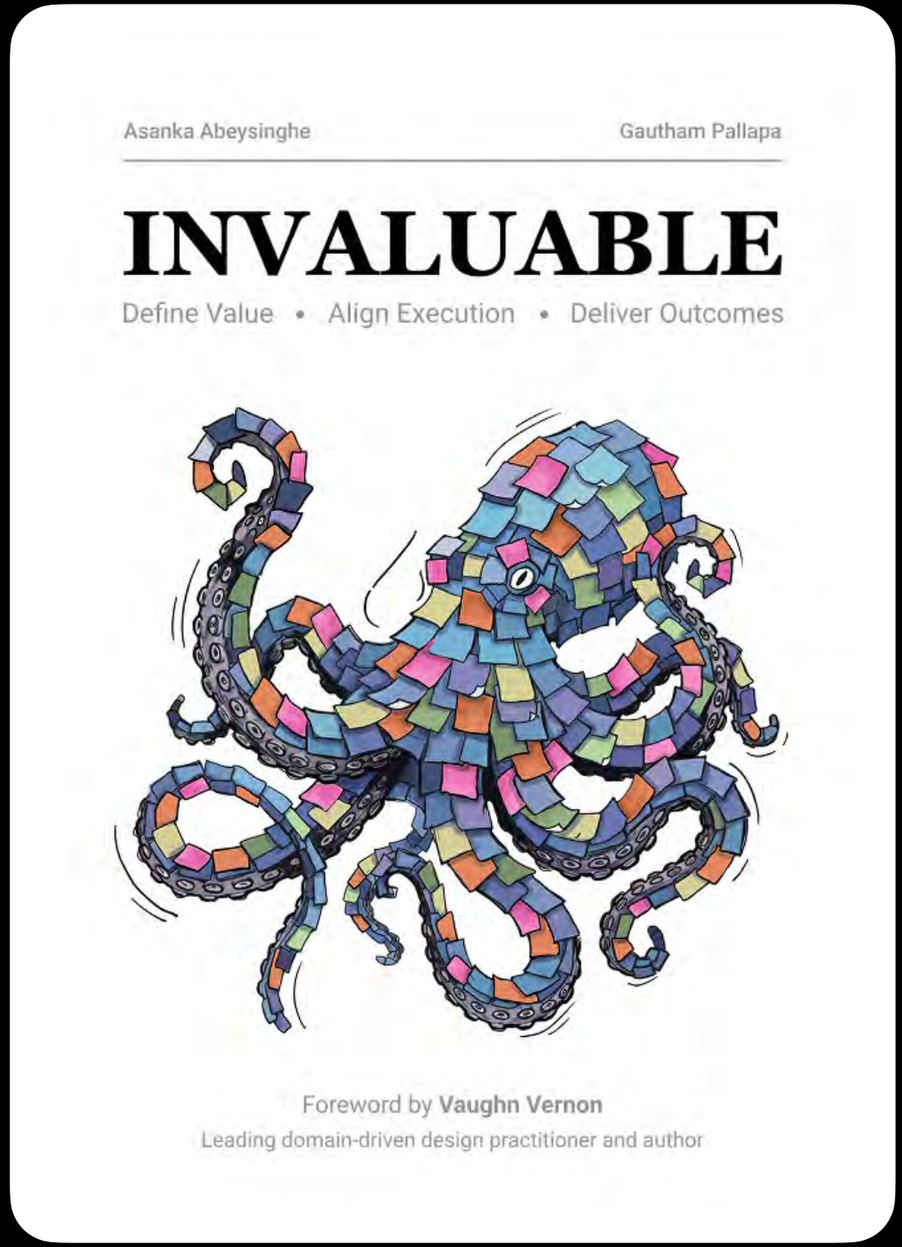


wso2.com/library/blogs/**agentic-enterprise-with-wso2**

What **actually** matters

- never the **mechanics**
- never the **platform**
- never even the **agents**

Outcome & Value



The **goal** is the **music.**