



AGENTIC AI & BLOCKCHAIN CONVERGENCE



WHAT IS AGENTIC AI?

- **Describes systems that can pursue a goal across multiple steps:** planning, using tools and external data, making decisions and adapting their actions
- **An agent can execute an end-to-end workflow,** with autonomy ranging from human-in-the-loop validation to more autonomous execution
- **A shift** from asking "What did the AI output?" to asking "What did the AI actually do?"
- **Regulatory obligations** depend on the system, actor, purpose and applicable risk classification



WHAT ARE THE RISKS?

- Governance and accountability
- Legal and compliance
- Model and data
- Identity and access
- Cybersecurity
- Privacy
- Technology and infrastructure
- Third-party and systemic risks

AGENTIC AI ACCOUNTABILITY FRAMEWORK



1

Principal



2

Agent
Identity



3

Mandate



4

Limits



5

Execution
Record



6

Institutional
Responsibility



7

Contestability
& Redress

WHERE IS IT BEING USED?



AGENT-TO-AGENT COMMUNICATION

Identity, permissions, information exchange and coordination



AGENTIC COMMERCE

Discovering products, comparing offers, negotiating and purchasing within a defined mandate



FINANCIAL SERVICES

Programmable payments, compliance, reconciliation, collateral, treasury and post-trade activity



PUBLIC SERVICES

Emergency-management and cyber-response workflows



SUPPLY CHAINS

Tracking software, policy, model versions and runtime events

WHERE DOES BLOCKCHAIN FIT?



Blockchain can provide infrastructure for:

- Identity and credentials
- Delegated authority and mandates
- Controls and permissions
- Shared records and audit trails
- Programmable payments
- Provenance and accountability