Taking Control of AI

Sovereign AI and Open Source in Financial Services

Vincent Caldeira
CTO APAC, Red Hat

The AI Tipping Point

Control and Trust Redefine AI's Strategic Reality

AI as a Strategic Imperative

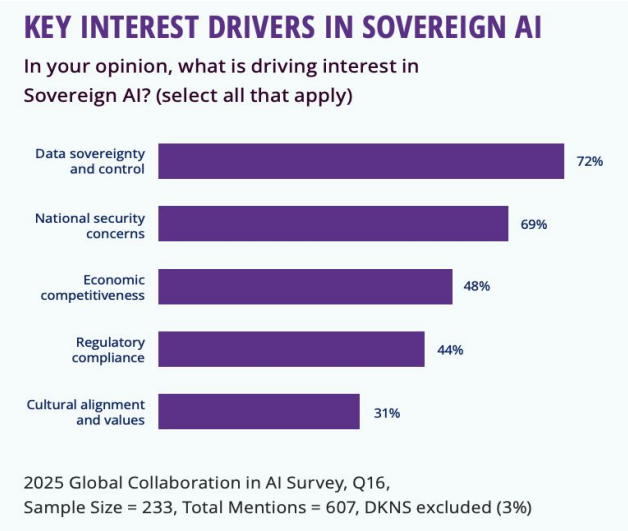
AI has evolved from a technical advantage to a critical strategic asset demanding C-suite leadership and attention.

The Shift to "Show Us": Regulatory Assertiveness

Global regulatory bodies are increasingly assertive, demanding transparency, auditability, and local control over AI to ensure compliance and trust.

Sovereign AI: A New Foundation for Control

Nations and organizations are prioritizing sovereign AI to maintain control over their AI stack, data, and decision-making in an increasingly fragmented digital economy.



79%
of organizations view Sovereign AI as a strategic priority

82%
of organizations are developing customized AI solutions to maintain control over their capabilities and intellectual property

93%
of organizations view global collaboration as essential for building secure and culturally aligned sovereign AI systems

Sources:
The State of Sovereign AI: Exploring the Role of Open Source Projects and Global Collaboration in Global AI Strategy (Linux Foundation Research, August 2025)

The AI Imperative vs. Regulatory Reality in Financial Services

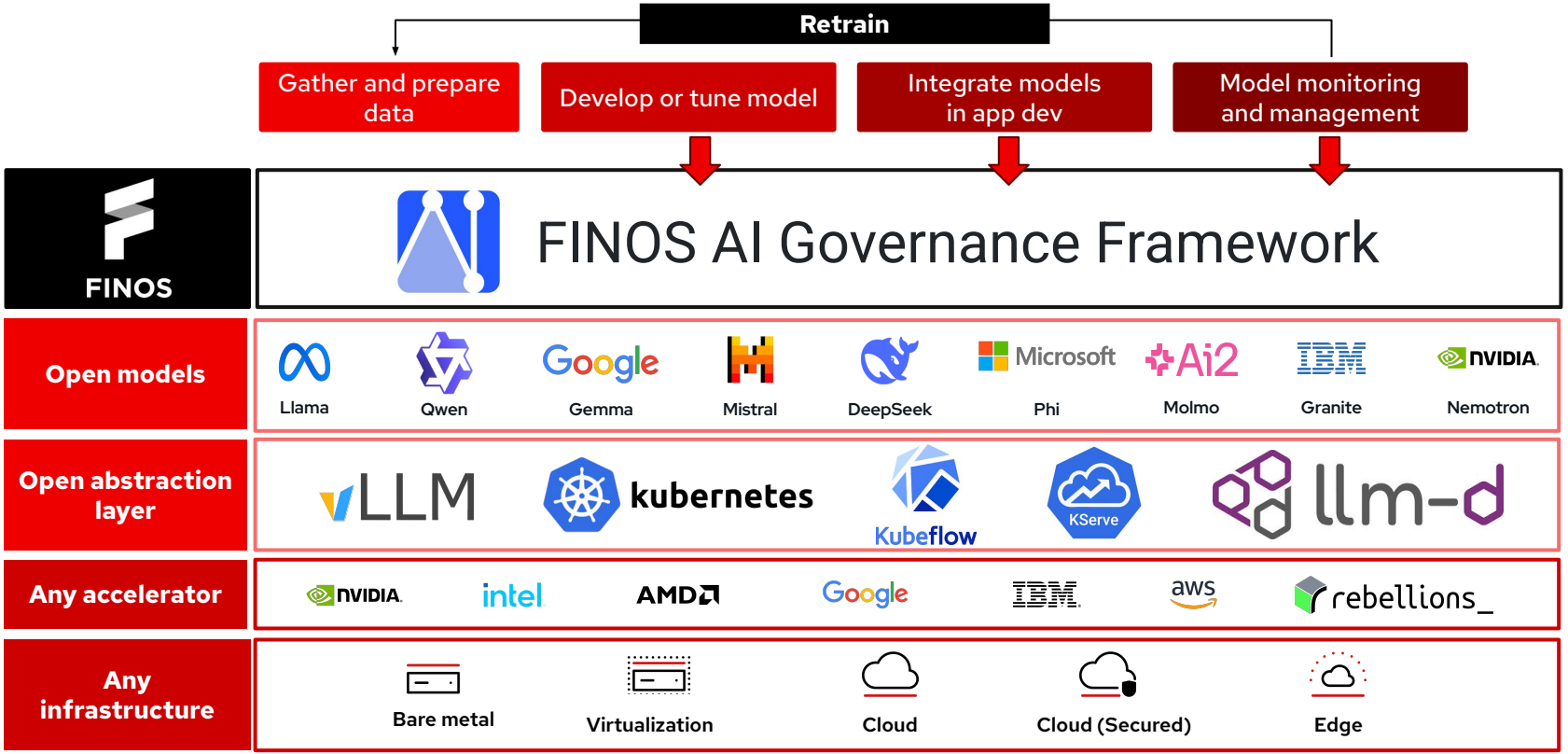
Sovereign AI is not just about technology ownership but also operational control

	Risk Dimension	The Black-Box Approach	The Open Approach
	**Model Risk & Explainability**	**Opaque Provenance:** Unknown training data; sudden logic shifts; unable to trace or audit model weights.	**Glass-Box Auditing:** Full access to model weights and training lineage; transparent behavior and fine-tuning.
	**Concentration Risk**	**Vendor Lock-In:** Absolute reliance on a handful of foreign hyperscalers; exposed to extraterritorial laws.	**Strategic Autonomy:** Modular architectures; portability across private, hybrid, and sovereign cloud environments.
	**Operational Resilience**	**Data Exposure:** Sensitive financial telemetry sent outside the institution's jurisdictional control.	**Data Residency:** Complete jurisdictional control; zero-trust architecture protecting PII and IP.

What is Sovereign AI in Banking? The independent control over the entire AI stack - Data, Infrastructure, and Model. This requires moving from renting opaque intelligence to owning a governable, verifiable asset.

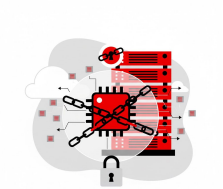
Architecting Your Sovereign AI Stack

Open source delivers the choice, visibility, and standardized governance required to own your AI



Taking Action: The Path to Trusted AI

The future of AI is open. Let's build your sovereign, secure, and efficient AI future together.



Establish an Open Platform Foundation

Abstract your hardware. Deploy platforms that guarantee workload portability across any infrastructure, ensuring isolation from geopolitical or vendor-driven disruptions.

Adopt Open Models and Transparent AI Supply Chain

Utilize open-weight models over an internal "Model-as-a-Service" to retain control over your intellectual property, financial data, and decision logic.

Implement Governance-as-Code across your AI Platform

Leverage FINOS AIGF. Shift risk management left by integrating machine-readable compliance, threat-modeling, and continuous evaluations directly into your CI/CD pipelines.

10.50am **Building the Largest Private Financial Services GPU Farm in Canada**

Jin Sung Kang, RBC Borealis & Anthony Green, Red Hat

Explore infrastructure sovereignty and how to secure compute autonomy at enterprise scale.

11.10am **Agents on a Leash: Deterministic Agentic AI for Financial Services**

Aric Rosenbaum, Red Hat

Discover how to enforce strict algorithmic boundaries and operational resilience on autonomous systems.

3.25pm **Operationalizing Agentic AI Safety & Eval for Multi-Agent Financial Systems**

Vincent Caldeira & Valentina Rodriguez Sosa, Red Hat

Learn how to apply FINOS "glass-box" evaluations and governance pipelines to complex, multi-agent workflows.

Thank you

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