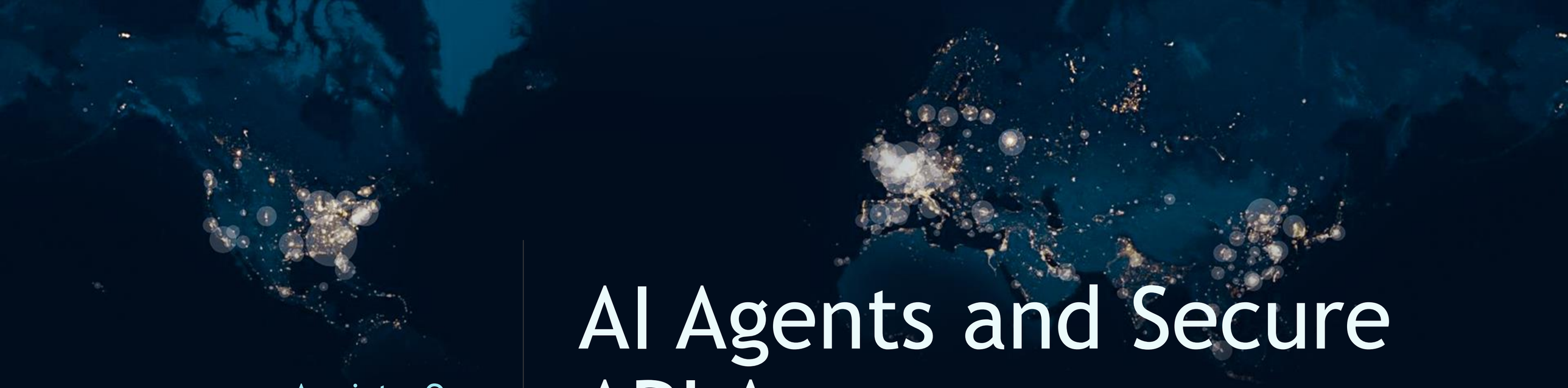

Aavista Oy
Merja Kajava

AI Agents and Secure API Access

APIOps Helsinki 2026

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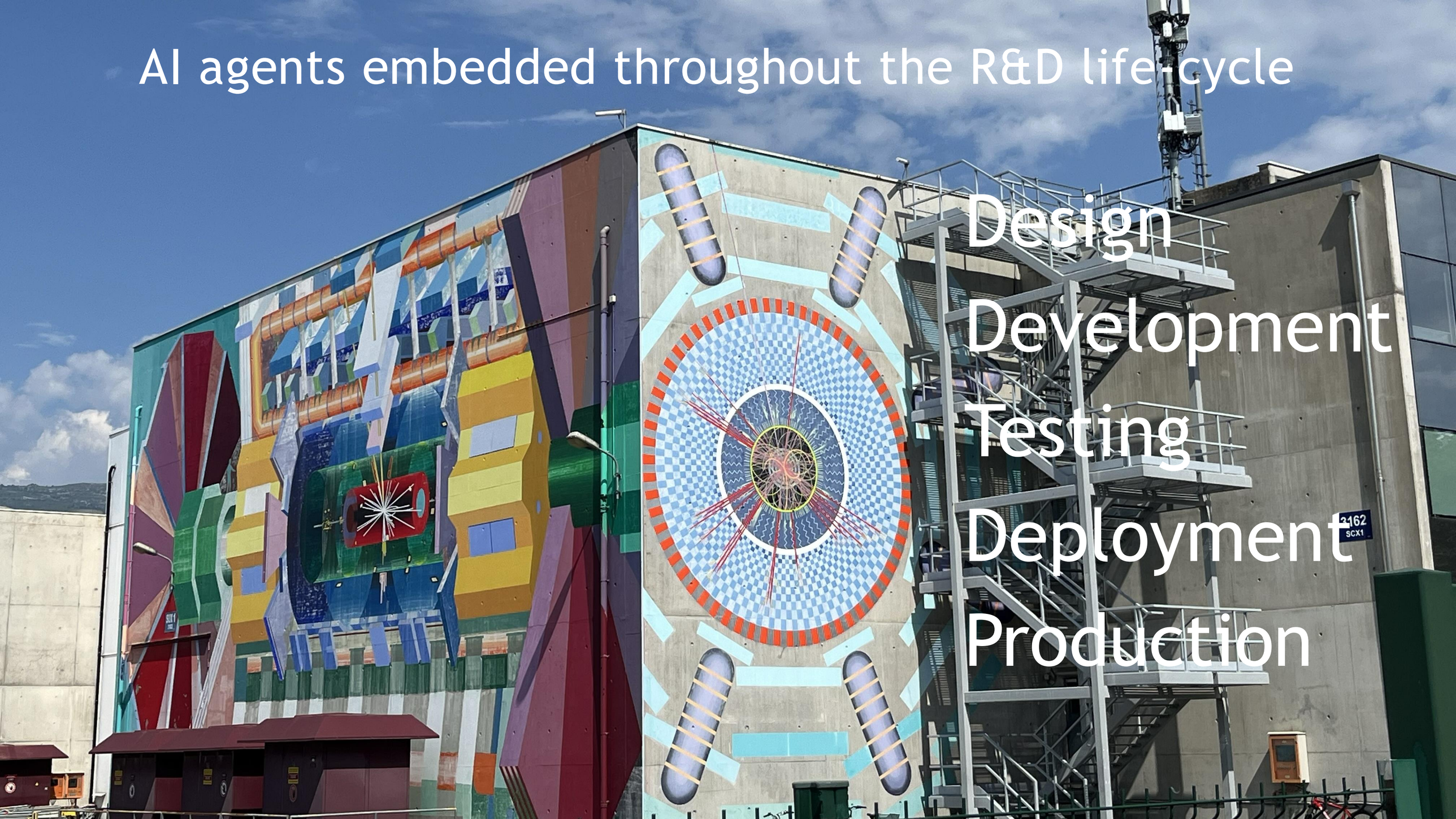
Photo credit: NASA / Paul E. Alers

AI agents embedded throughout the R&D life-cycle



Design

Development

Testing

Deployment

Production

What are the elements of Agentic AI

Orchestration

Goals, profiles, skills

Model

Reason with goals

Tools

Integrate to data and 3rd party services and APIs

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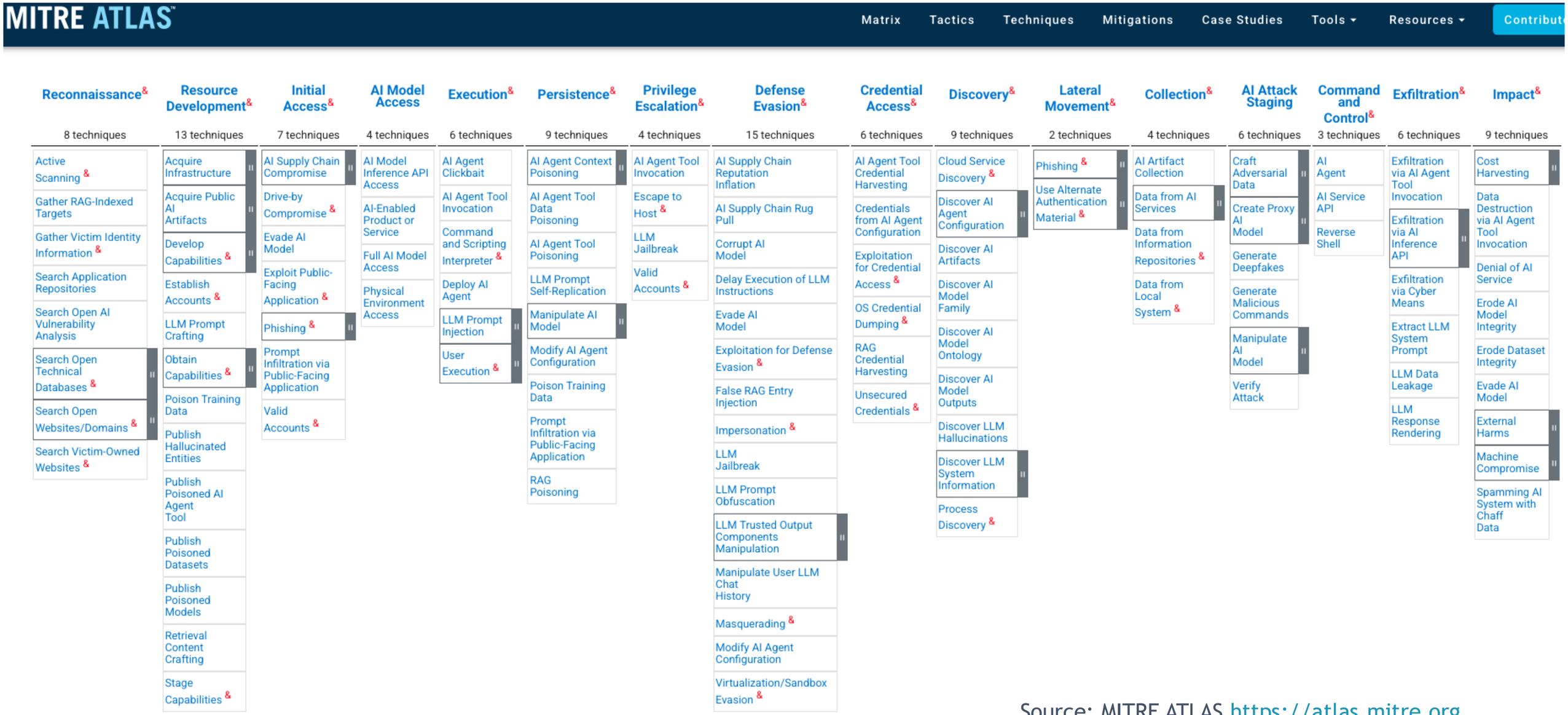
AI agents as API consumers and API providers

Different types of threats are emerging



Source: MITRE ATLAS https://atlas.mitre.org

Compliance requirements are expanding

EU regulation, e.g.

- CRA
- DORA
- AI Act

EU directives, e.g.

- GDPR
- NIS2
- Product Liability Directive “new PLD”

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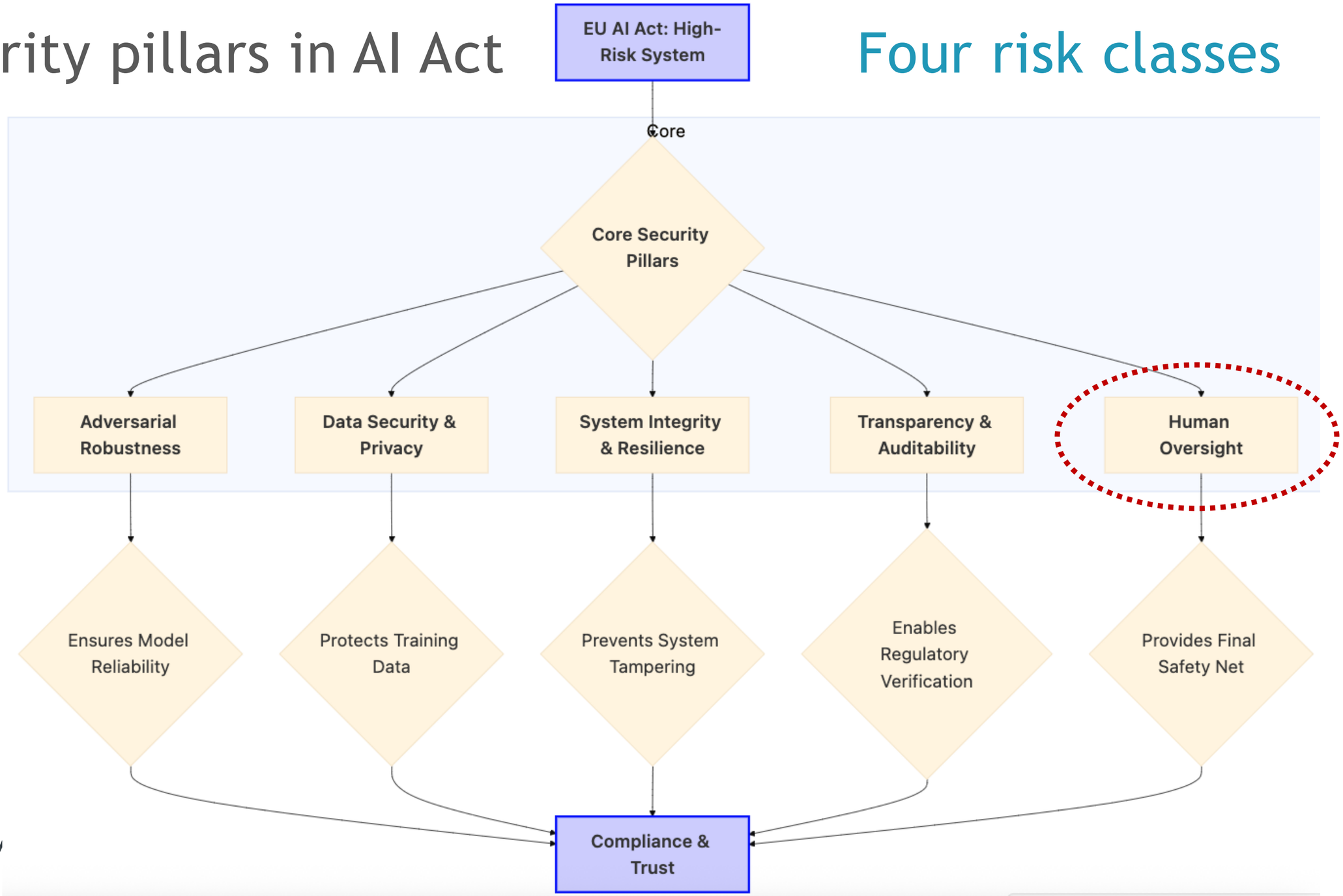
Security pillars in AI Act

Four risk classes



How to secure API access

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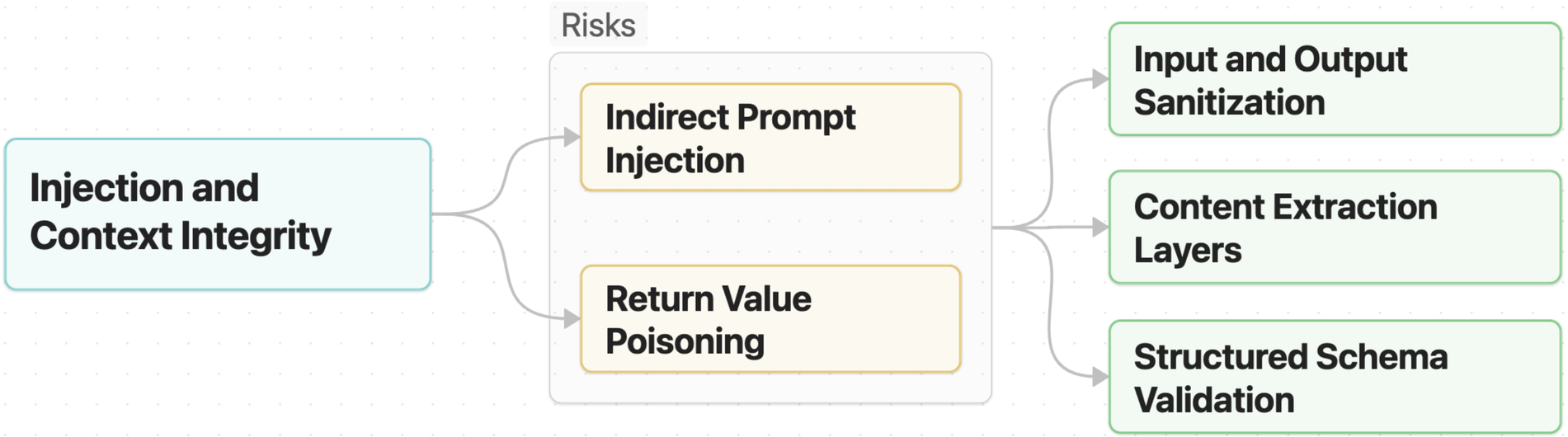
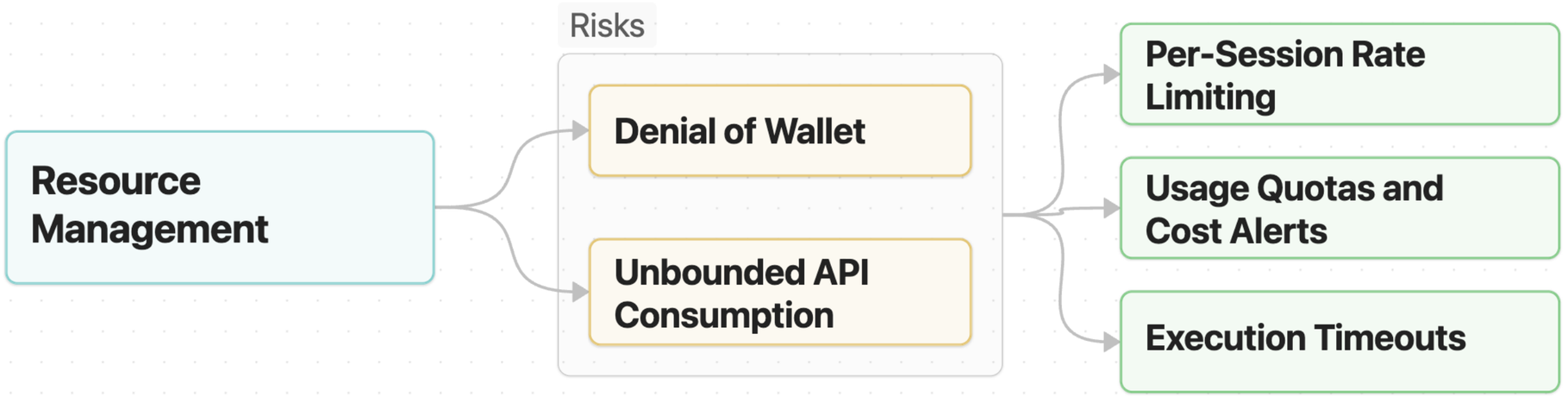
Access control and authorization

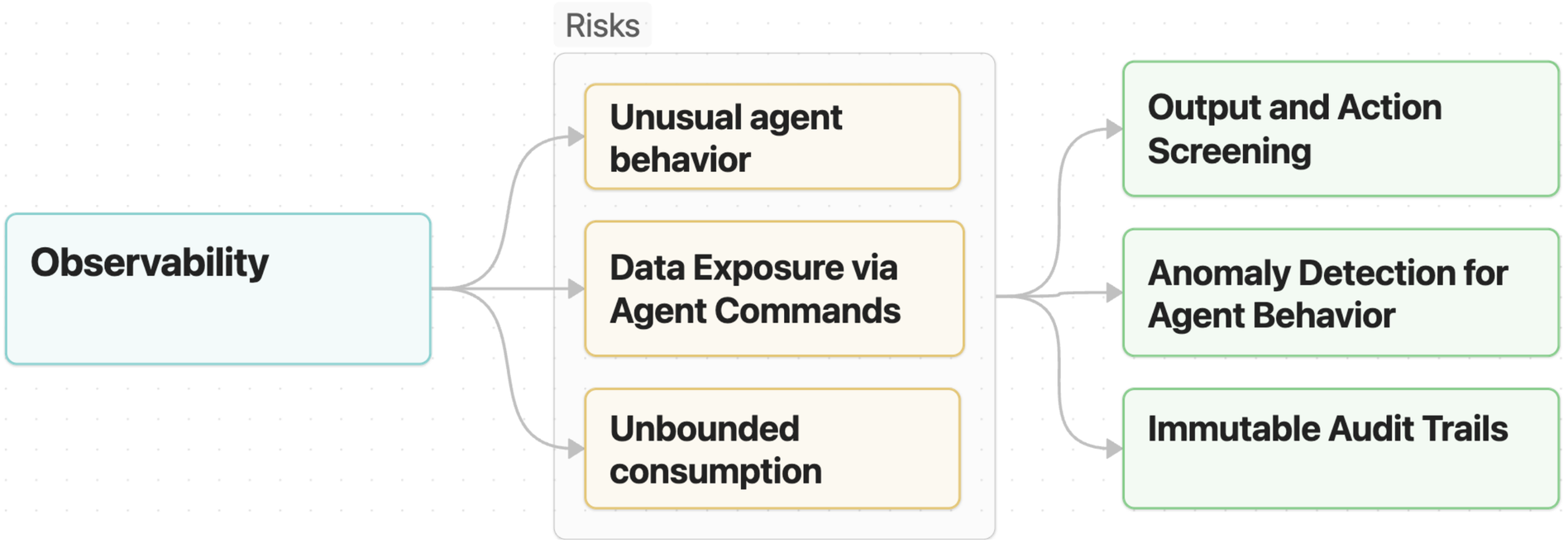
Injection and context integrity



Resource management



Monitoring and observability



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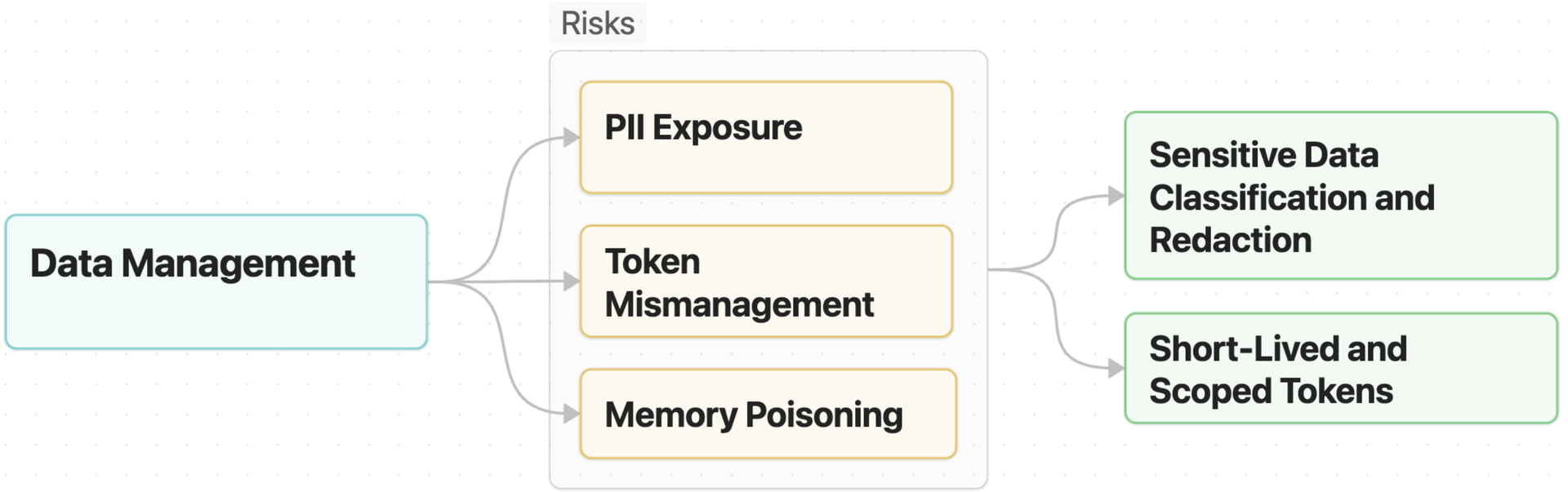
Data management



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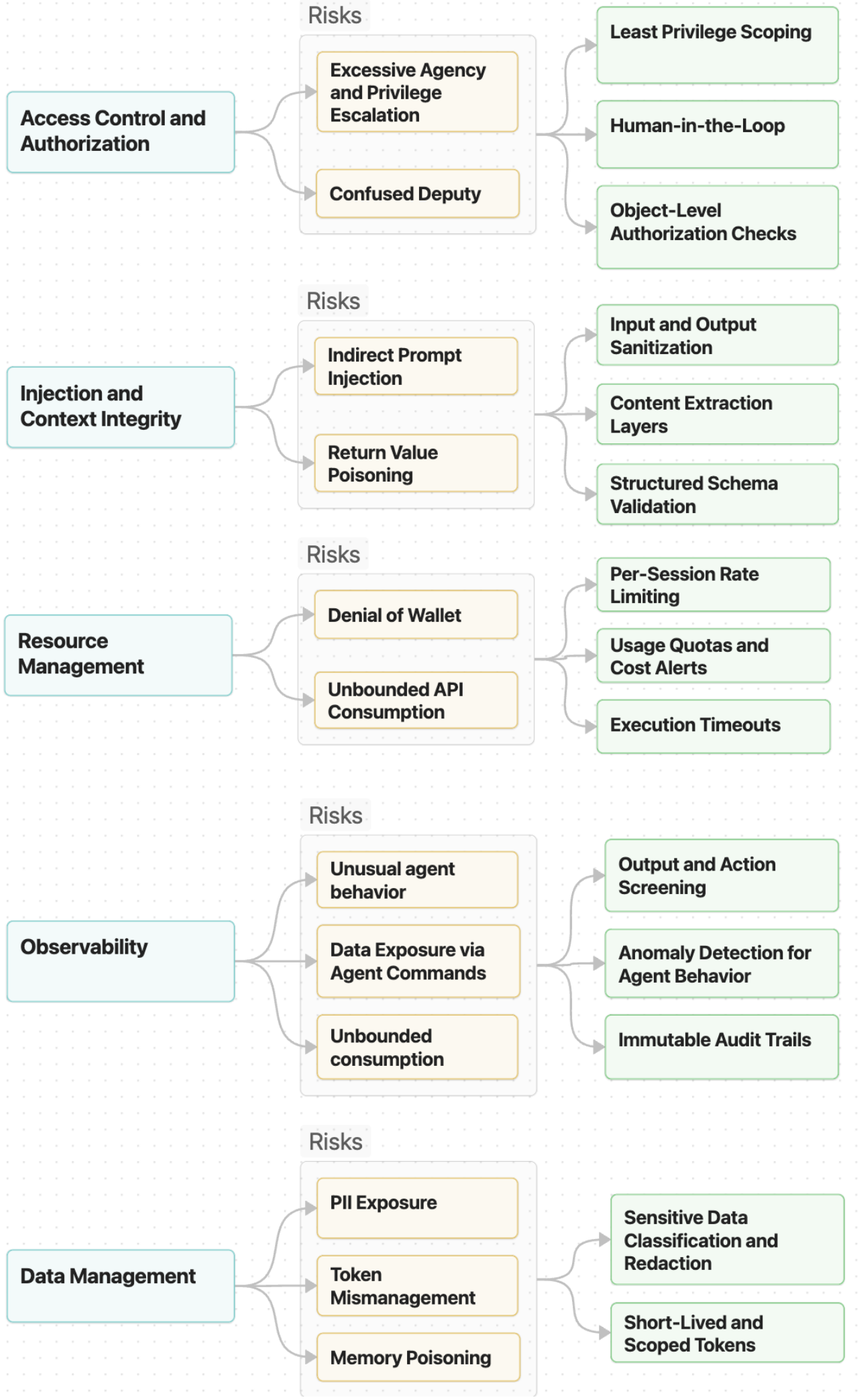
Focus on observability, reaction time, and notifying stakeholders



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Key takeaways

Govern the AI.

Allow only the minimal access.

Design and build observability from the start.

Remember Human-in-the-Loop.

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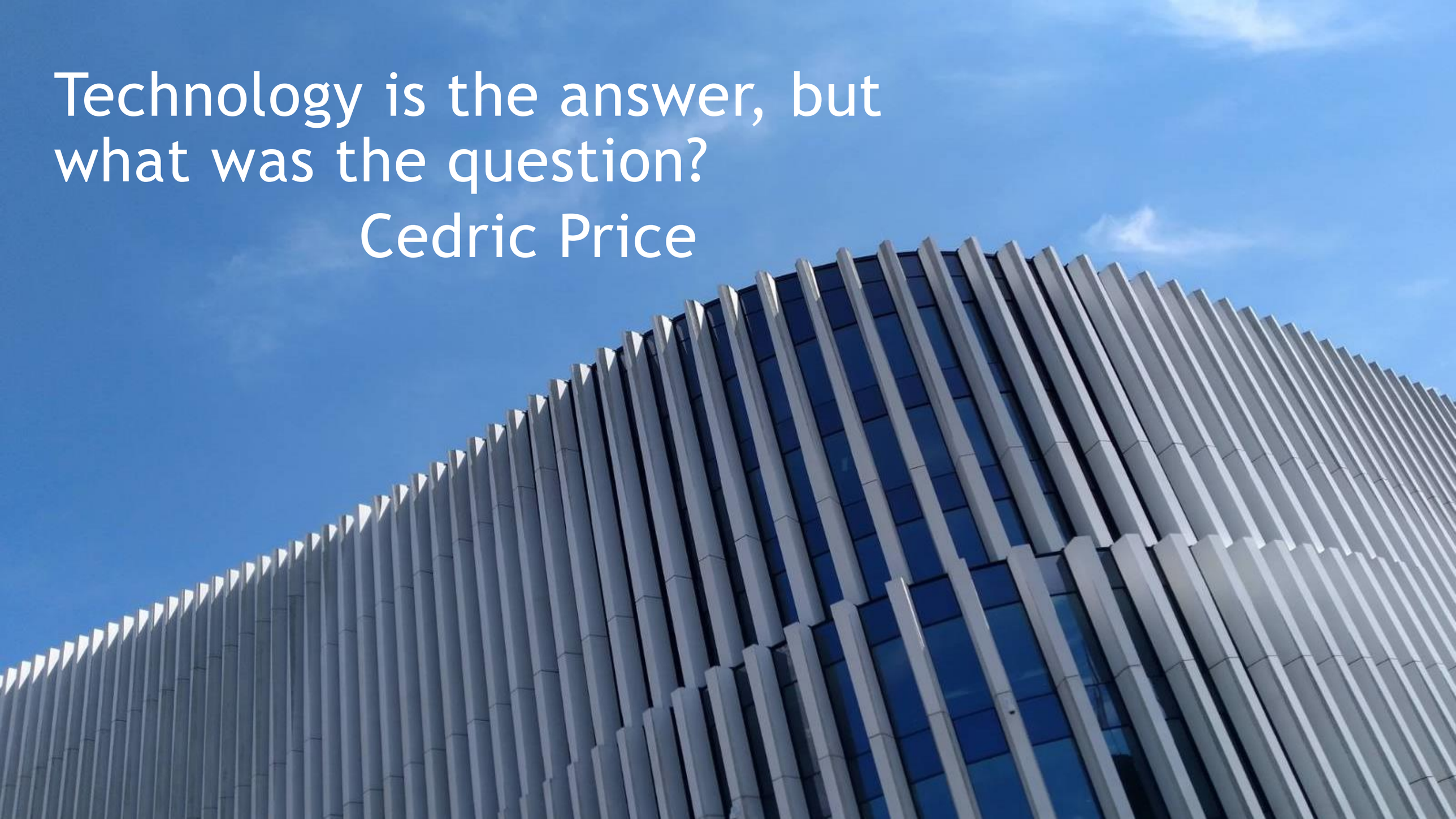
Technology is the answer, but
what was the question?
Cedric Price

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The Data Refinery Company

Merja Kajava
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