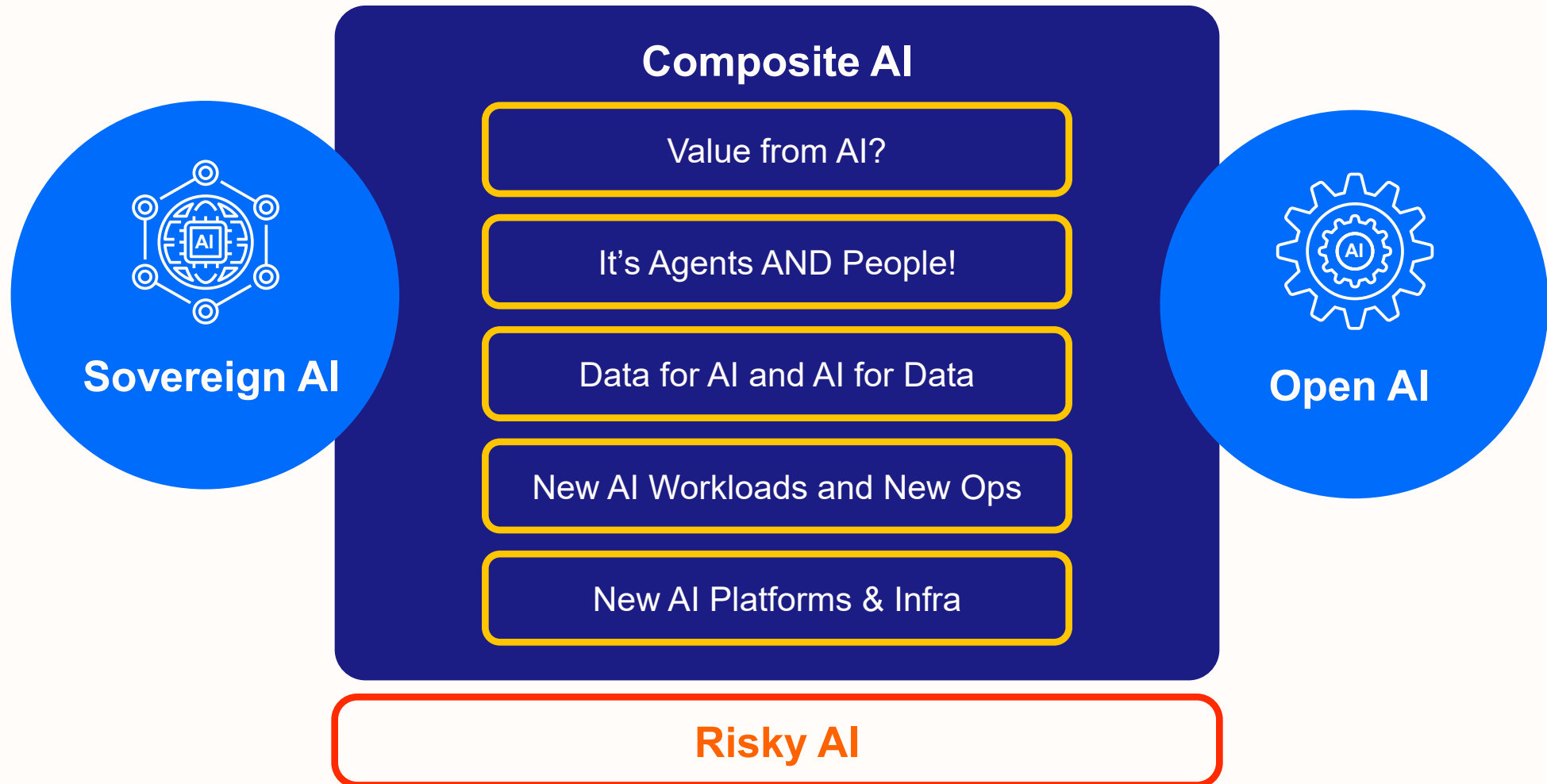# IDC FutureScape

# Everything AI:

The Engine for our Agentic Future

**AN EXCERPT FROM IDC FUTURESCAPE 2026's SINGAPORE EVENT**

November 14, 2025

# Everything AI: Opportunities

**Sovereign AI**

## Composite AI

- Value from AI?
- It's Agents AND People!
- Data for AI and AI for Data
- New AI Workloads and New Ops
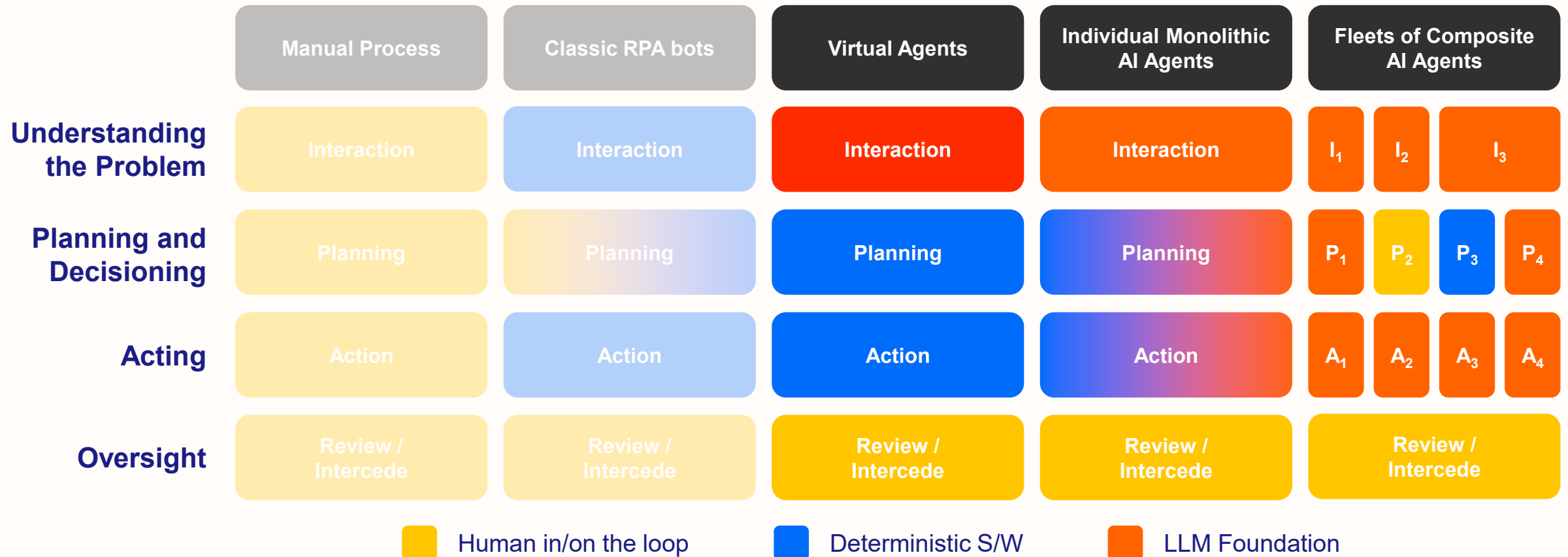- New AI Platforms & Infra

**Risky AI**

**Open AI**

# The Rise of Agentic AI as Composite AI

**AI in different forms (Prescriptive /Predictive AI/GenAI) becoming embedded in Agentic workflows and platforms.**

In 2026, a renewed focus on traditional AI for explainability and reliability will drive 65% of APJ organizations to adopt composite AI, blending generative, prescriptive, predictive, and agentic technology.

| | Manual Process | Classic RPA bots | Virtual Agents | Individual Monolithic AI Agents | Fleets of Composite AI Agents | | |
|---|---|---|---|---|---|---|---|
| **Understanding the Problem** | Interaction | Interaction | Interaction | Interaction | $I_1$ | $I_2$ | $I_3$ |
| **Planning and Decisioning** | Planning | Planning | Planning | Planning | $P_1$ $P_2$ | $P_3$ | $P_4$ |
| **Acting** | Action | Action | Action | Action | $A_1$ $A_2$ | $A_3$ | $A_4$ |
| **Oversight** | Review / Intercede | Review / Intercede | Review / Intercede | Review / Intercede | Review / Intercede | | |

■ Human in/on the loop    ■ Deterministic S/W    ■ LLM Foundation
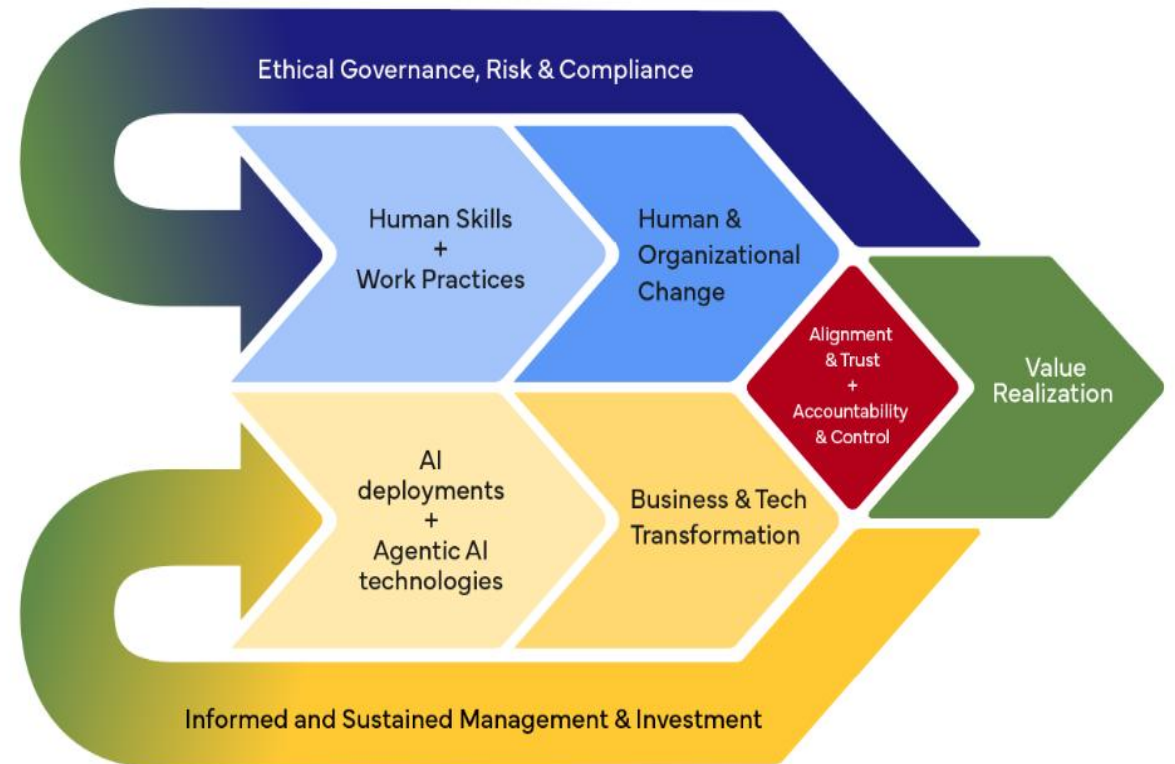
# It's Agents AND People!

By 2026, 25% of all A2000 job roles will involve working with AI Agents, redefining long held traditional entry-, mid- and senior-level positions.

- AI skills needed to deploy Agents
- Agents change People skills
- Agents transform Work practices
- Agents change Jobs
- Agents change Careers
- Agents flatten Organizations

By 2029, there will be at least 50 APJ companies built predominantly using AI, with fewer than a dozen people and generating $1+ billion.



Ethical Governance, Risk & Compliance

Human Skills + Work Practices

Human & Organizational Change

Alignment & Trust + Accountability & Control

Value Realization

AI deployments + Agentic AI technologies

Business & Tech Transformation

Informed and Sustained Management & Investment
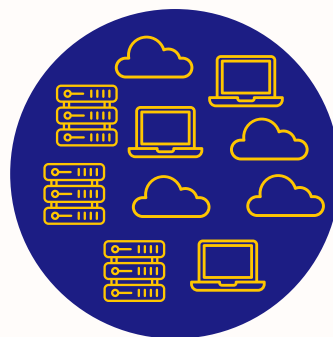
# AI Demands New Platforms and Infrastructures

By 2028, the massive computational and data demands of AI will compel 75% of organizations to modernize legacy cloud environments by shifting to new platforms specifically designed for AI workloads.
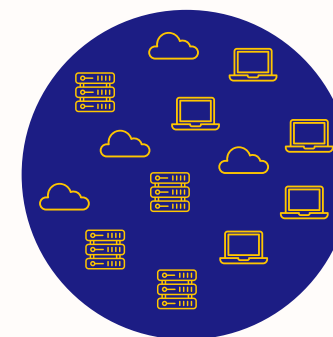
### AI Assistants – 2024-2025
**Large Model Centric**

- LLMs deployed across cloud AND dedicated locations
- Support rapid innovation
- Human operations with AI assistants

### Autonomous AI Agents  - 2025-2026
**Fit-for-Purpose Optimised**

- Increasing range of AI workloads
- Increasing AI agent autonomy
- Hybrid to Edge Infra optimised for workloads

### AI Agent Fleets  -  2026-2027
**Decentralized, Connected, Resilient**

- Agent2Agent connections drive highly distributed infrastructure
- BUT Autonomous constrained by Sovereign AI
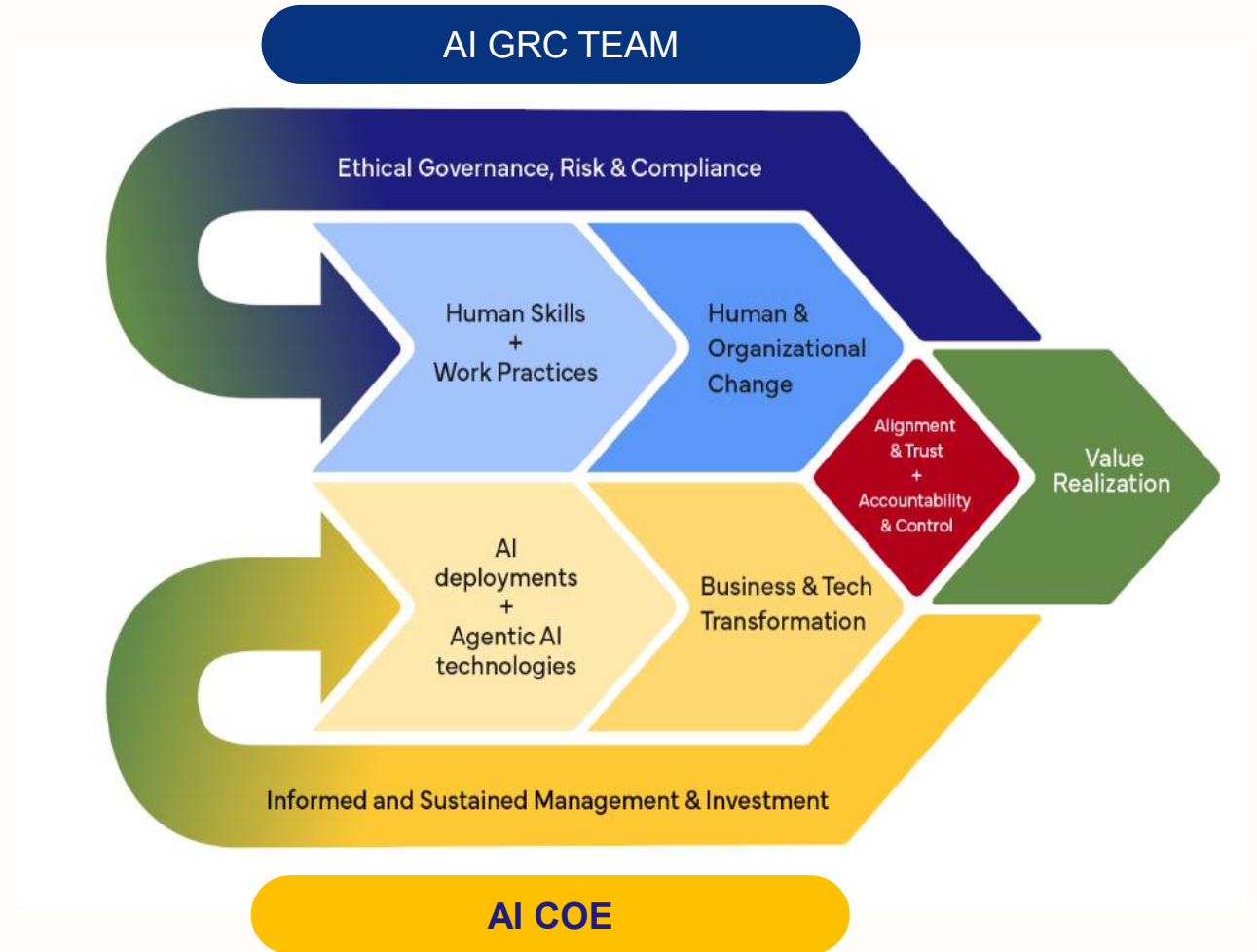
# AI Involves Risk

**Alignment, Trust, Accountability and Control are Essential to Realizing Value from AI Agents.**
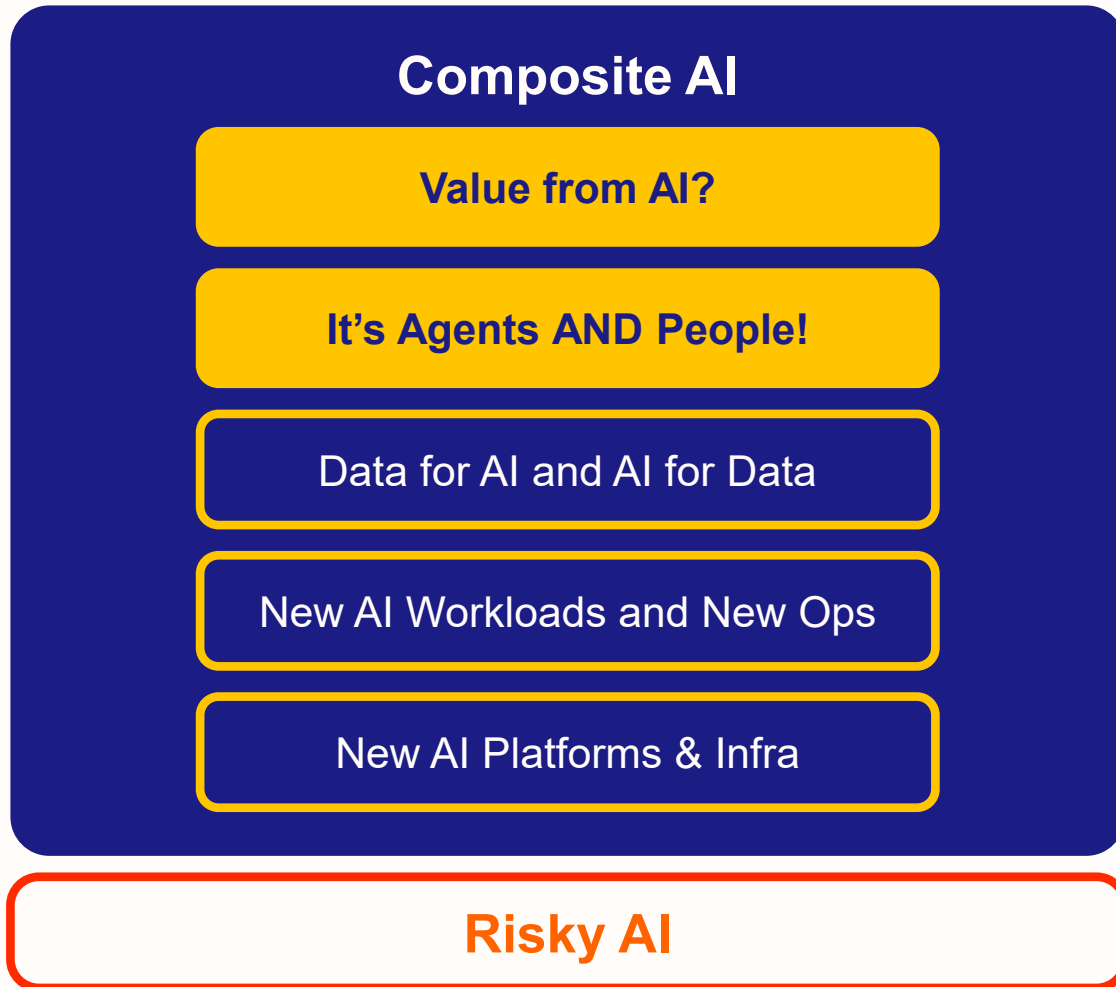
By 2027, 40% of APJ enterprises will replace siloed AI oversight with unified, coordinated governance, enabling business units to lead with agentic AI and gain a competitive edge through faster innovation.

By 2030, 15% of A1000 organizations will have faced lawsuits, substantial fines, and CIO dismissals because of high-profile disruptions stemming from inadequate controls and governance of AI agents.



AI GRC TEAM

Ethical Governance, Risk & Compliance

Human Skills + Work Practices

Human & Organizational Change

Alignment & Trust + Accountability & Control

Value Realization

AI deployments + Agentic AI technologies

Business & Tech Transformation

Informed and Sustained Management & Investment

AI COE

# AI Opportunities: Consultants and Managed Services

**Composite AI**

**Value from AI?**

**It's Agents AND People!**

Data for AI and AI for Data

New AI Workloads and New Ops

New AI Platforms & Infra

**Risky AI**

1. Enterprise AI adoption and scaling services

2. Multi-sector digital transformation through autonomy

3. SME adoption and personalized automation support

4. AI agent partnerships and ecosystem building

5. SaaS and MSP model transformation

6. Industry-wide automation and orchestration solutions

# AI Opportunities: Data Tools and Platforms

## Composite AI

Value from AI?

It's Agents AND People!

**Data for AI and AI for Data**

New AI Workloads and New Ops

New AI Platforms & Infra

**Risky AI**

1. Autonomous data pipelines

2. Real-time data orchestration

3. Multi-source integration

4. AI-driven data governance  and data discovery

5. Agentic AI enhances data discovery

6. Scalable data platforms

# AI Opportunities: AI Ops and Infrastructure

**Composite AI**

- Value from AI?
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- **New AI Workloads and New Ops**
- **New AI Platforms & Infra**

**Risky AI**

1. Autonomous and adaptive operations
2. Real-time incident prevention
3. Multi-agent coordination optimized on cloud infra
4. AI-driven automation streamlines complex workflows
5. Edge-to-cloud orchestration
6. DC certifications

# AI Opportunities: AI GRC

**Composite AI**

Value from AI?

It's Agents AND People!

Data for AI and AI for Data

New AI Workloads and New Ops

New AI Platforms & Infra

**Risky AI**

1. Building regulatory frameworks and AI protocols
2. Real-time risk monitoring and controls
3. Autonomous audit trails
4. AI agent governance maps
5. AI certification

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