

Al Standards Exchange

Challenging the status quo of AI security









Panelists

- Moderator: Babak Hodjat, CTO AI, Cognizant
- Mr Kai Wei, Director of Al Institute, CAICT
- Ms Xiaofang Yang, Senior risk expert, Ant Group
- Mr Evan Miyazono, Caltech/Stanford/Atlas computing
- Ms Elizabeth Bechtold, Group Head of Al Governance, Zurich Insurance Group









Topics

- Agentic Al basics
- Most impactful threats to trust and security
- Practical mitigations
- Addressing trust in multi-agent Al systems
- Security, Interoperability, and Coordination standards







1.Introduction



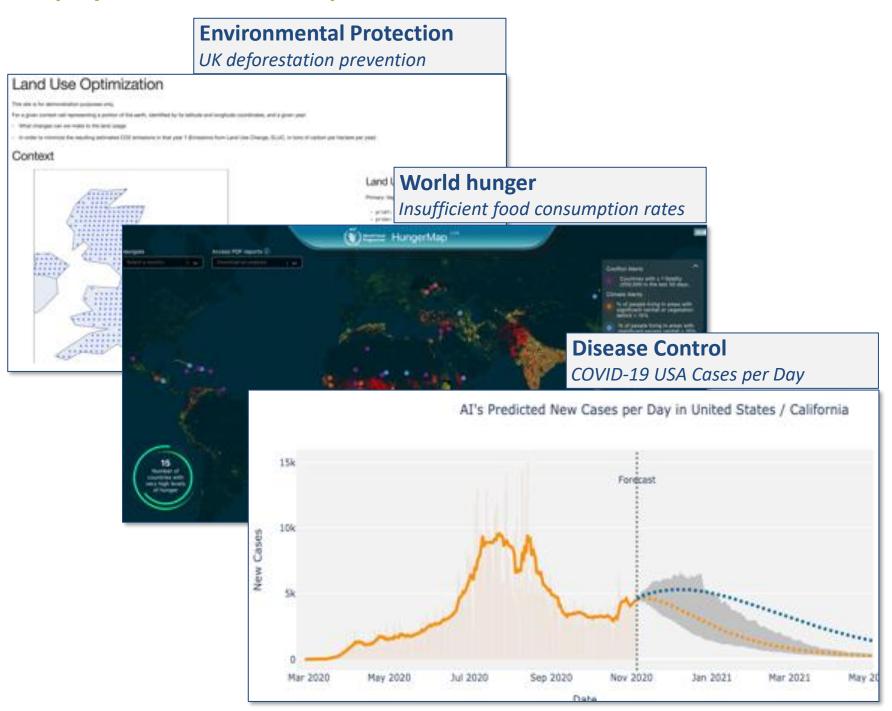




Al-for-Good Initiative: combat challenging issues facing society



Al-deployed real-world examples:



We need you!

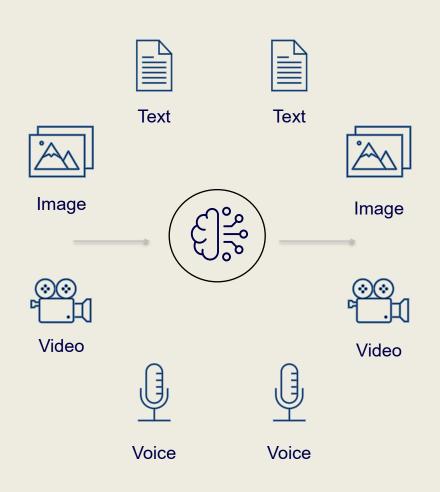
Join the Al-for-Good initiative



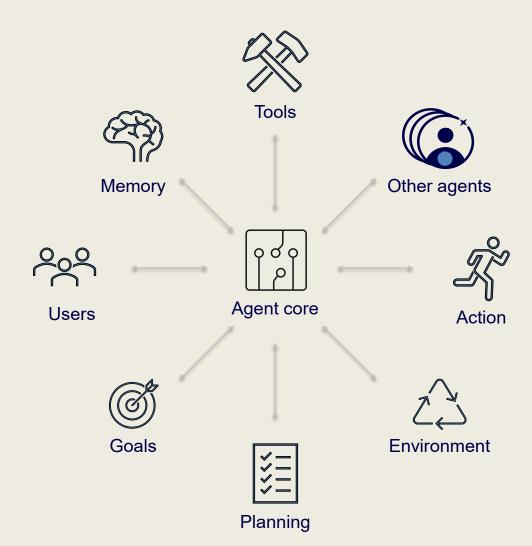


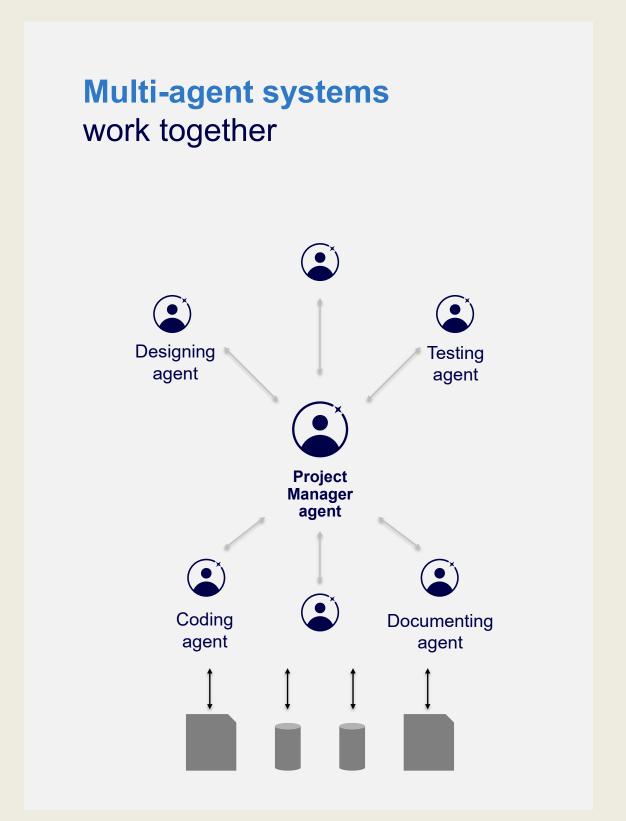
What is multi-agentic AI and how does it differ from traditional AI?

Gen Al model generate predictions



Agents do things







Multi-agentic AI brings in the next big wave of AI advancement

Multiple agents can work toward a common goal that goes beyond the ability of individual agents.

The combined application of multiple agents can tackle complex tasks that individual agents cannot, while creating more adaptable, scalable and robust solutions."*

Gartner

The market for Al agents is expected to see significant growth, rising from \$5.1 billion in 2024 to \$47.1 billion by 2030—Gartner**



expected decrease in customer service cost***



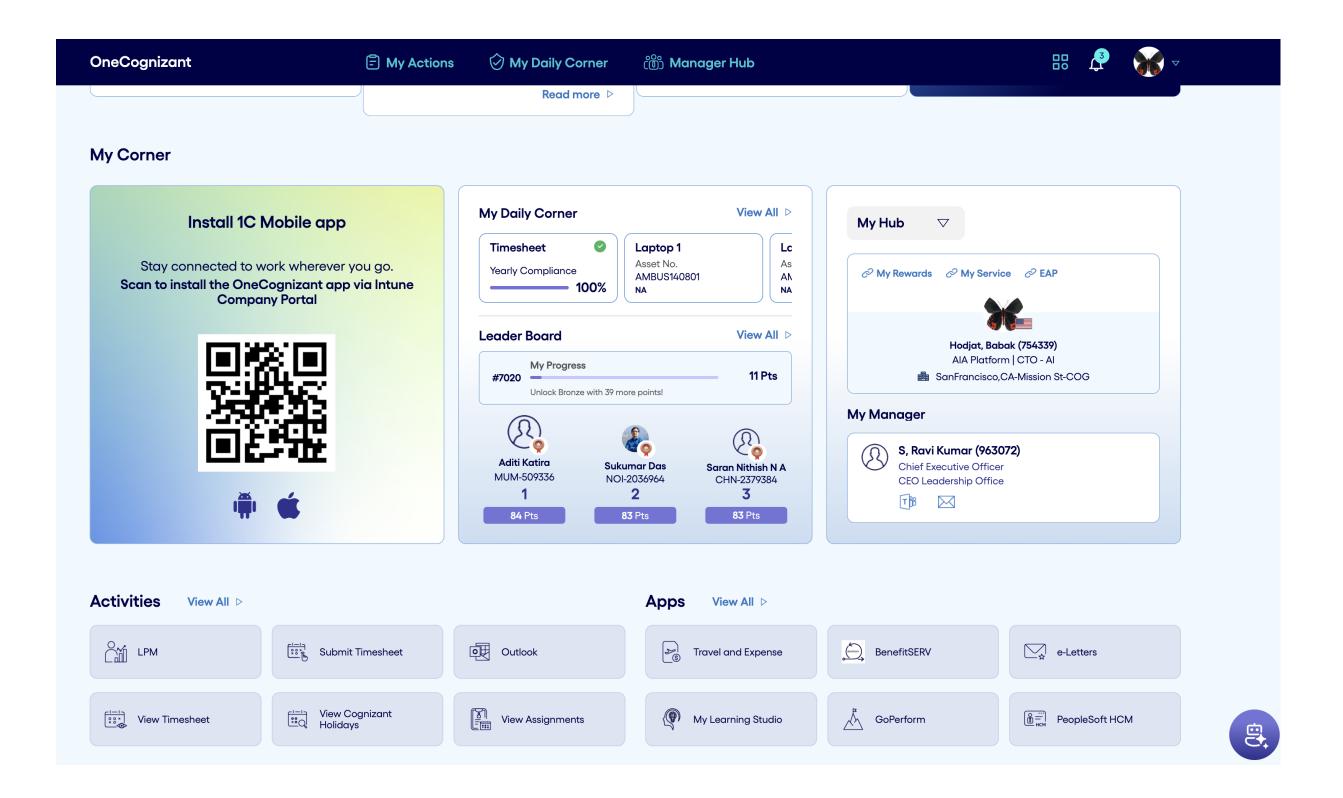
30%

expected boost in operational efficiency****

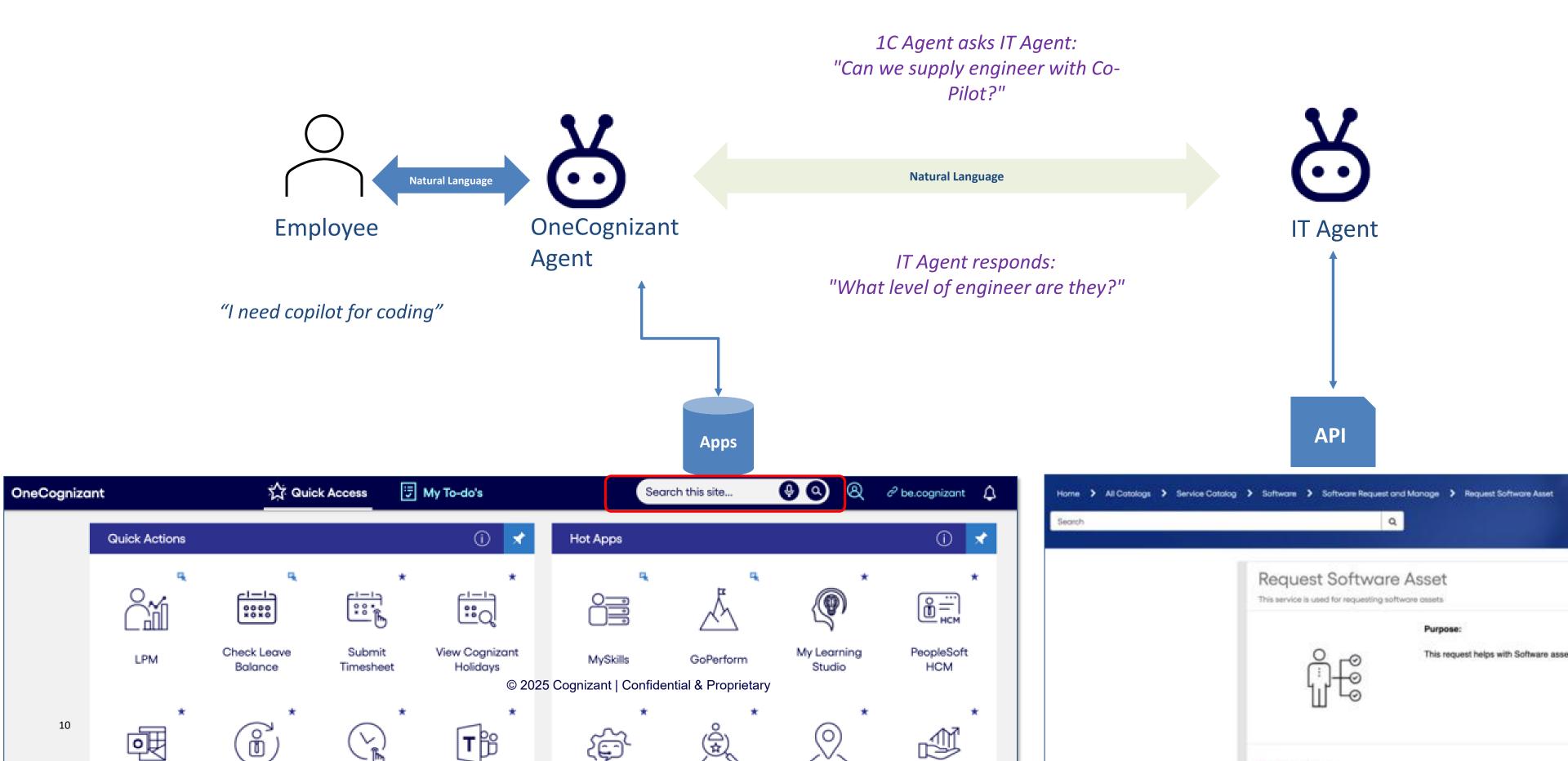
^{**}Source: Gartner

^{***} Source: McKinsey Superagency in the workplace: Empowering people to unlock Al's full potential (01/25)

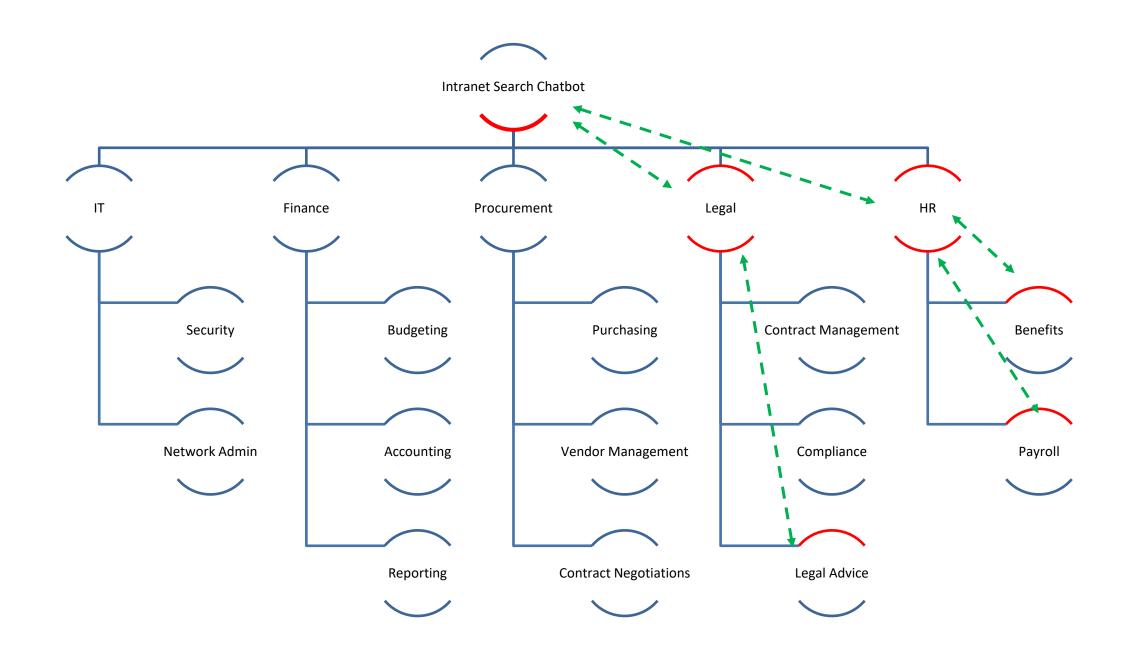
OneCognizant



Interacting AI Agents = Greater Efficiency



"I'm getting married"



Requirements for a multi-agentic enterprise

Grounded foundations

o Data, API/Microservices, Processes and Organization

Incremental expansion

o Interoperability, Departmental contributions, Sandboxing, Validation, Deployment process, Future-proof

Responsible AI

o Security, Governance, Risk Management, Trust

Custom UX (Cognizant Moment)

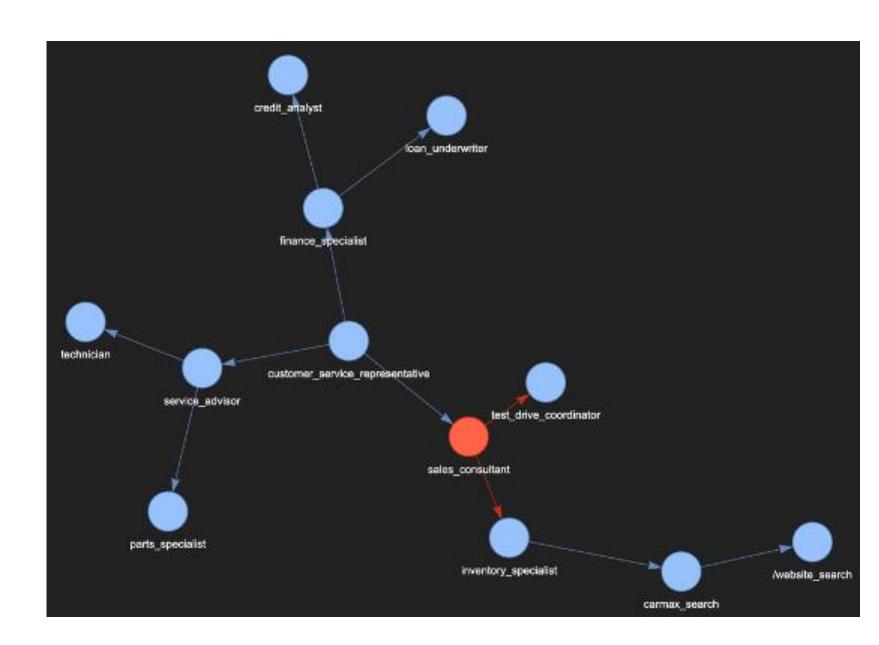
o Entry point agnostic, diversity of channels, user-centric, domain specific, adaptive

Maintenance and continuous improvement

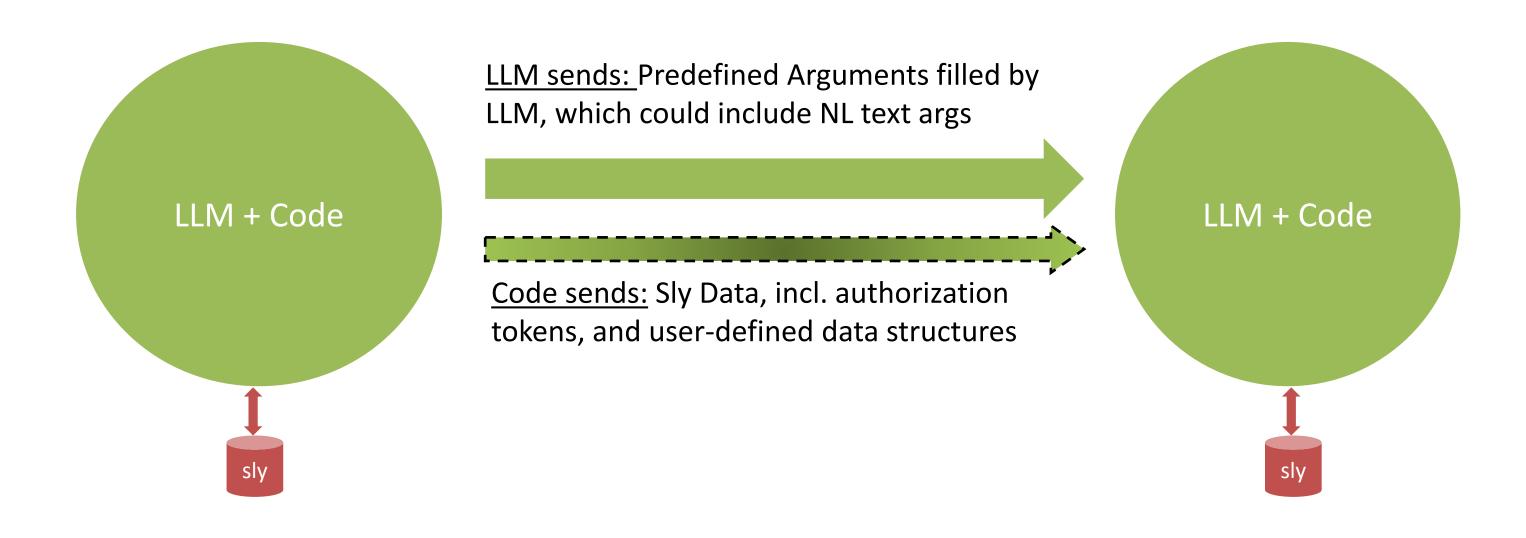
o Logging per agent, Finetuning, LLM upgrade process

Metering and ROI

o Inference I/O cost, ROI gauge, efficiency/productivity calculator



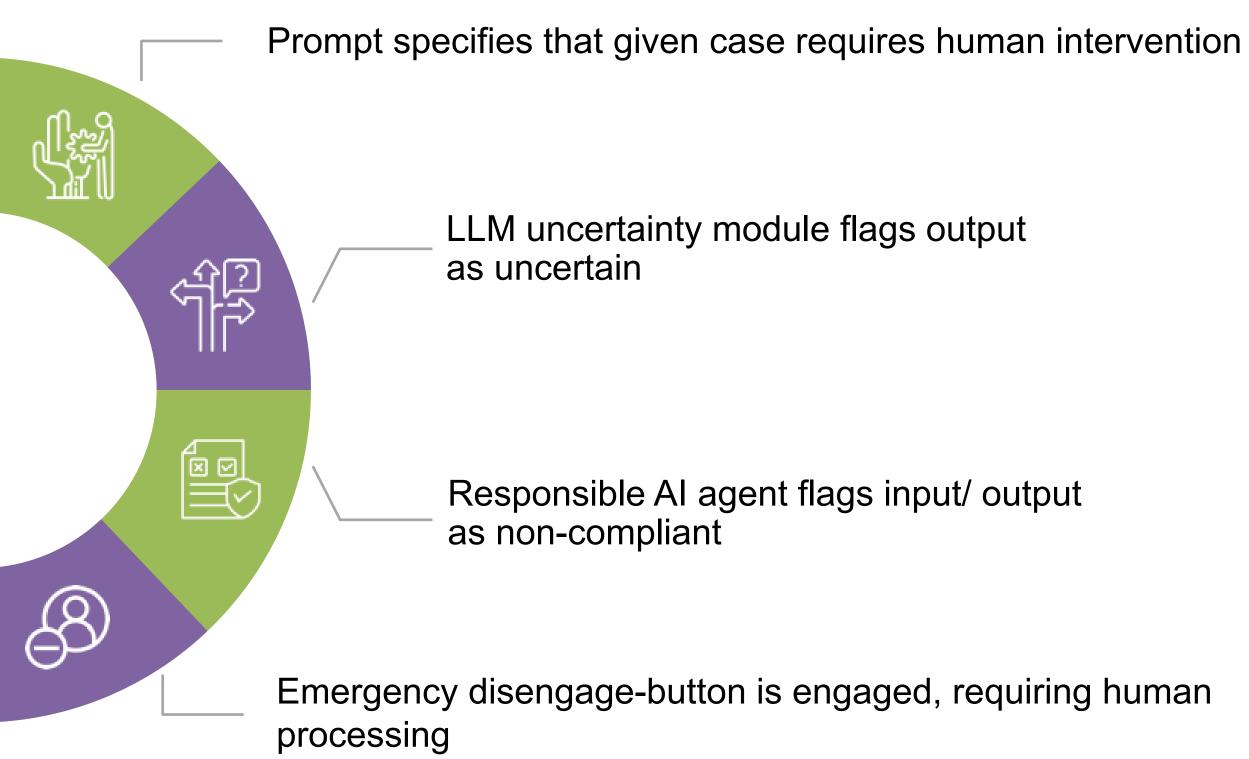
Inter-Agent Communication





Responsible
Al in multi
agent
architecture

Al assistant handles data & requests and auto-routes to another assistant unless...



Future Directions

Dynamic Architecture: Agents autonomously reorganize based on performance, task demand, and changing business conditions

- Leverage ML to reconfigure workflows, improve resource allocation, optimize collaboration/processes
- Continuous learning loops to adapt agent roles and improve efficiency
- Automated creation of new agents
- Automated merger of agents

Scalability & Adaptability: automatically adapt to new tasks or reassign resources as needed

Non-aligned Agents: Agents from two-sided markets communicate/negotiate



2. Panelist Introductions







3. Panel Discussion







Q&A





