

The background is a deep blue gradient. It features several concentric circles and arcs, some solid and some dashed, in white and light blue. A large, bright orange and yellow circular glow is on the right side, with many thin, curved lines radiating from it across the frame. Scattered throughout are small, glowing orange and yellow dots, some of which appear to be binary digits (0s and 1s).

**Coforge**

# **Coforge Technology**

## **Point of View 2025**

# Wave 1



Agentic AI is becoming the dominant paradigm



Platform Engineering is maturing



AI Infrastructure is getting polarized

# Wave 2



Quantum era is beginning to take shape





# Agentic AI is becoming the dominant paradigm



## Agents will manage end-to-end execution as outcome

- First generation of GenAI with RAG, Chatbots are over, new generation is taking shape with Agents
- Multi-Agent Orchestration with security entitlements are key to tap value
- Agent Evaluation Framework to increase accuracy and reduce costs



## Process orchestration with opinionated intelligence can drive sustained results

- SLMs will take main stage as distillation & pruning matures
- Evaluation & validation becomes an imperative and a key pattern for success
- Functional knowledge of Human to supervise, orchestrate, manage is critical for value outcomes



## Integration of multi-modal and embedded AI takes shape

- Usage of Images, Voice, Video will augment the usage of language
- New value pools will be created with the emergent of multi-modal capabilities
- Capability to create UI/UX along with other modalities





# Platform Engineering is maturing from tool centric to developer centric



## Seismic shift in developer experience

- 50% of all new software will be written with AI Coding agents in Enterprises within a year as LLMs mature
- Developers will become more product owners and process owners rather than software developers – and focus on self-service capabilities rather than configuration management
- Everyone can be a developer with English as the syntax



## Platform engineering will make outsized contributions

- Large opportunity to shrink the time to value for legacy platforms
- Platform will create products – ephemeral products (keep the data and throw away the app)
- Product innovation with platform engineering will be on warp drive – from UI to code to deploy



## SDLC will get redefined with Agile/SAFE less dominant

- Traditional phases will collapse giving way to faster and autonomous iterations
- Evaluation driven design will be adopted with ambient agents
- Small iterative teams will develop and rollout with automated pipelines







# AI Infrastructure will get bipolarized with Sovereign AI



## Responsible AI and Compliance AI will be table stakes

- End to end governance, guardrails and security controls are minimum bar
- Analytics with transparency along with financial and operational controls is a baseline
- Accuracy and reduction of false-positives are key to adoption



## Data for AI will be the imperative to enable moat

- You don't have data, you don't have a moat – you have a wrapper on somebody else' data
- Data governance, plumbing, quality and lineage are baseline for AI data
- Data labelling and annotations are opportunities for further getting ready



## Sovereign AI will become mainstream for regulatory clients while hyperscalars will have their AI infrastructure

- Complex regulations can be navigated with confidence, ensuring data residency and privacy
- Control your data's lifecycle, encryption, and access, minimizing third-party risks
- Increased visibility and transparency into operations and data access for auditing and accountability







# Quantum era is beginning to take shape



## Commercial viability is a matter of time

- Investments across hyperscalars are on the rise
- Investments by government and academia are increasing
- Investments in commercial enterprise are yet to occur



## Cryptography renaissance is due to play out with Post Quantum Cryptography (PQC)

- Zero trust is not enough with Quantum in play
- Harvest Now and Decode Later needs to be considered



## New breakthroughs are in the making with Quantum


- In healthcare – Every genome decoded for personalized drugs
- In EV – self-charging batteries
- In Climate – materials that absorb CO2 and emit O2





# What Clients should Prioritize in 2025

Balance innovation velocity with operational excellence



**Short-Term:** Agentic for low-risk, Multi-modal readiness, Cost Management for AI, Governance for AI, Process readiness, and Legacy evaluation

**Mid-Term:** Multi-modal value generation, edge AI deployment, Quantum safe security evaluation, redeployment of business processes with AI, and Legacy modernization plan

**Long-term:** Human Computer Interaction  
- Getting ready for Quantum



## About Coforge

Coforge is a global digital services and solutions provider, that leverages emerging technologies and deep domain expertise to deliver real-world business impact for its clients. A focus on select industries, a deep domain understanding of the underlying processes of those industries and partnerships with leading technology platforms, enables Coforge to be a trusted partner of its clients in their transformation initiatives. Coforge leads with its Product Engineering approach and leverages AI, Cloud, Data, Integration and Automation technologies to transform businesses into intelligent, high growth enterprises. Coforge has 30 global delivery centers and is present in 23 countries.

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