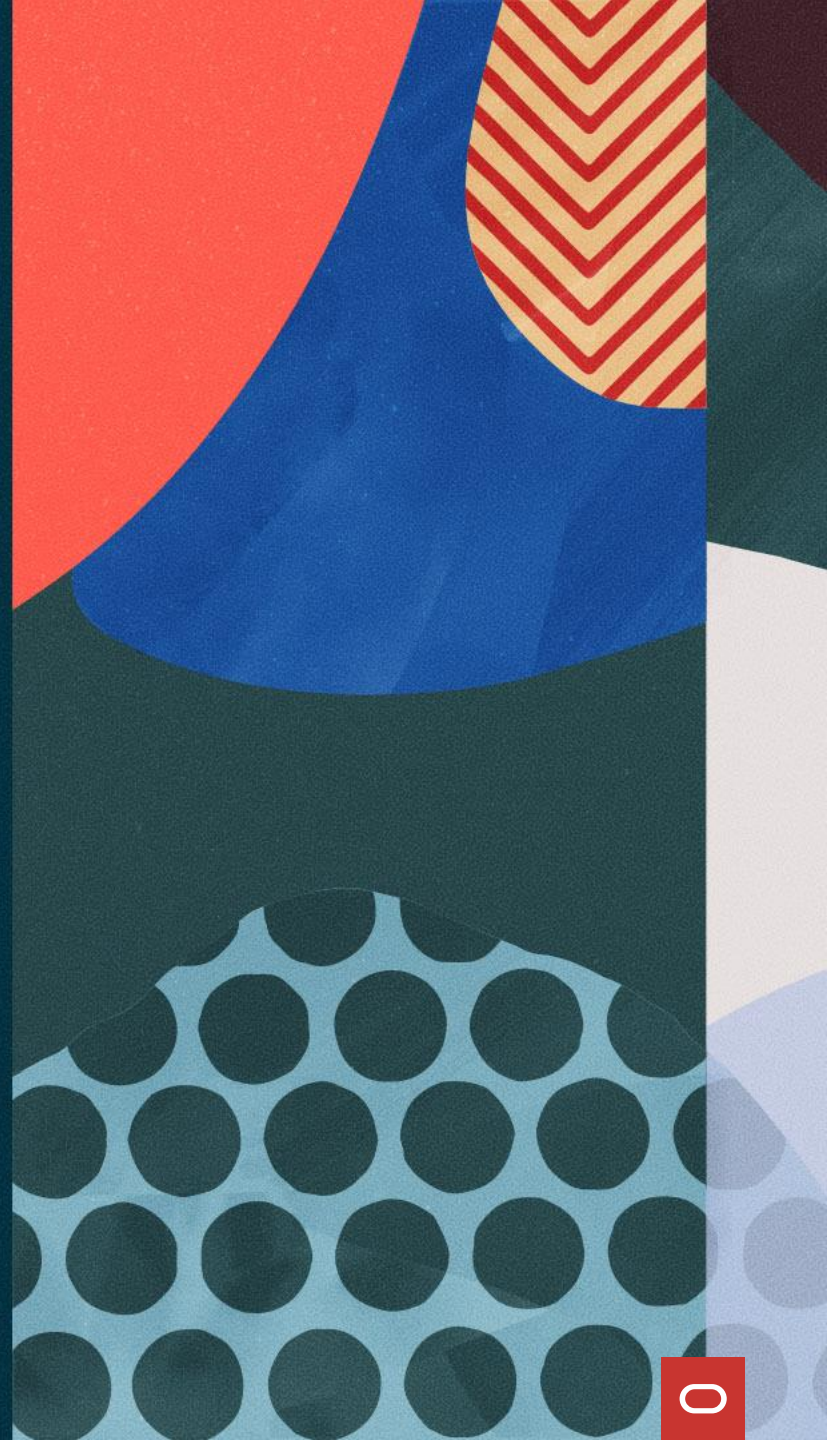
ORACLE
AI World

The Future of Generative AI: Innovation Engineered for Your Data

Roger Barga
Senior Vice President
AI & ML



The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, timing, and pricing of any features or functionality described for Oracle's products may change and remains at the sole discretion of Oracle Corporation.

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Purchasing AI tools succeeds about 67% of the time, while internal builds succeed only one-third as often

~MIT: *The GenAI Divide: State of AI in Business 2025*

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Innovations in AI at Oracle

Differentiated Approach: Choices in Frontier Models

Google	xAI	Meta	cohere	OpenAI
NEW Gemini 2.5 pro	NEW Grok 4	NEW Llama 4 Maverick	NEW Embed 4	NEW gpt-oss-120b
NEW Gemini 2.5 flash	NEW Grok 4 Fast	NEW Llama 4 Scout	Embed 3	NEW gpt-oss-20b
NEW Gemini 2.5 flash-lite	NEW Grok Code Fast 1	Llama 3.3 70B	Command A	
	Grok 3	Llama 3.2 90B	Rerank 3.5	
		Llama 3.2 11B		

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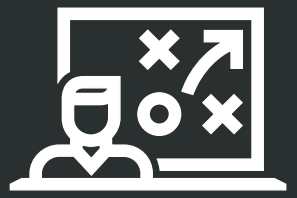
Latest Science Innovations

Open Agent Specification
+ AGNTCY

Latest Science Innovations

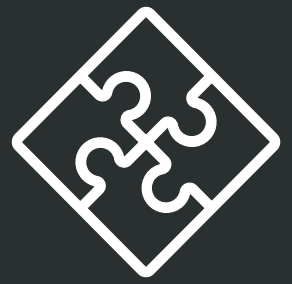
Multimodal RAG

Efficiently process large-scale, diverse datasets



Evaluation

A state-of-the-art benchmarking framework for frontier models



Agents

New methods for context & memory management, advanced planning, and standardized protocols for enterprise integration

Speech

New feature enables creation of more dynamic AI-generated avatars

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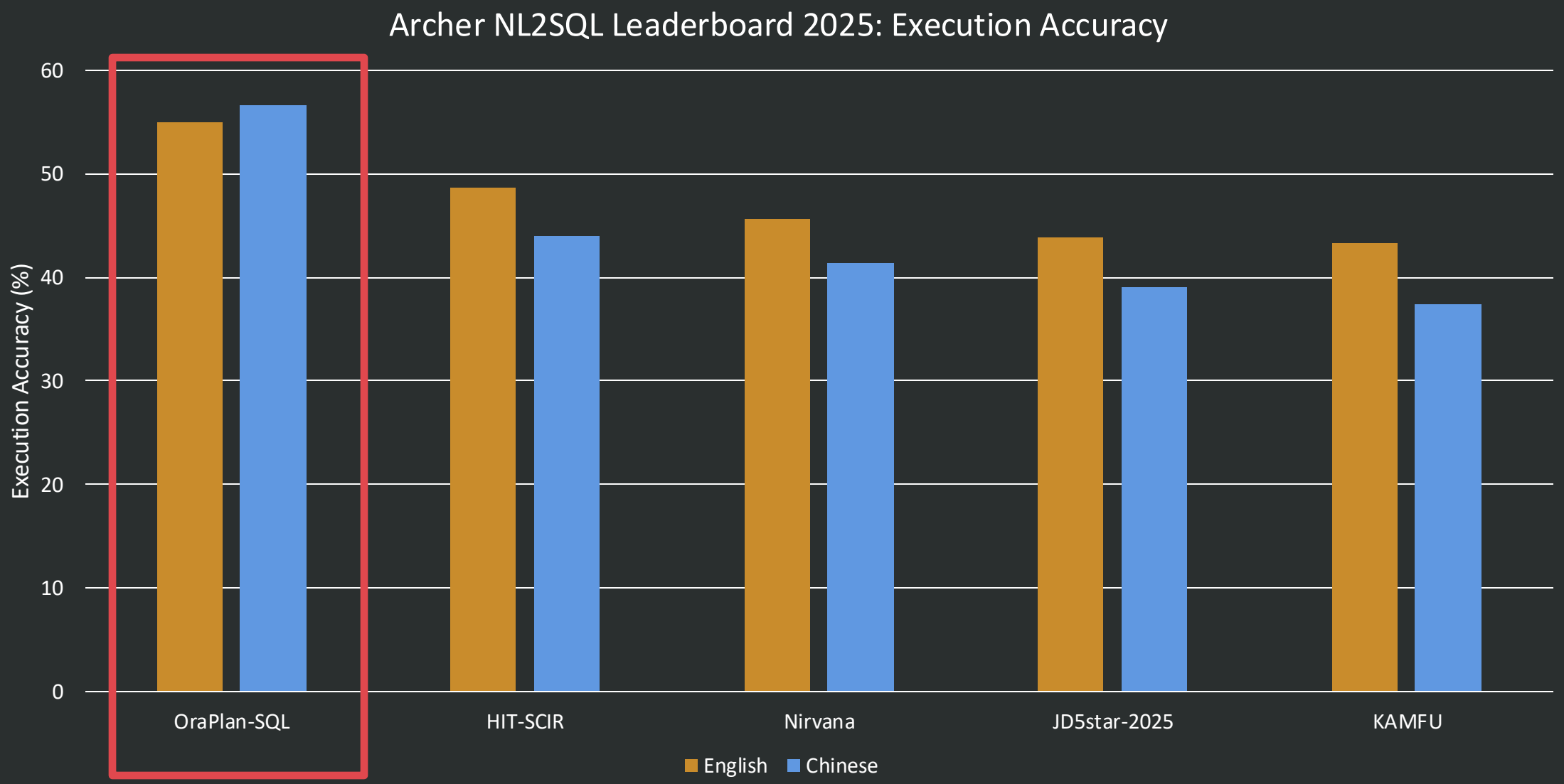
Oracle Wins 1st Place in 2025 Archer NL2SQL Challenge



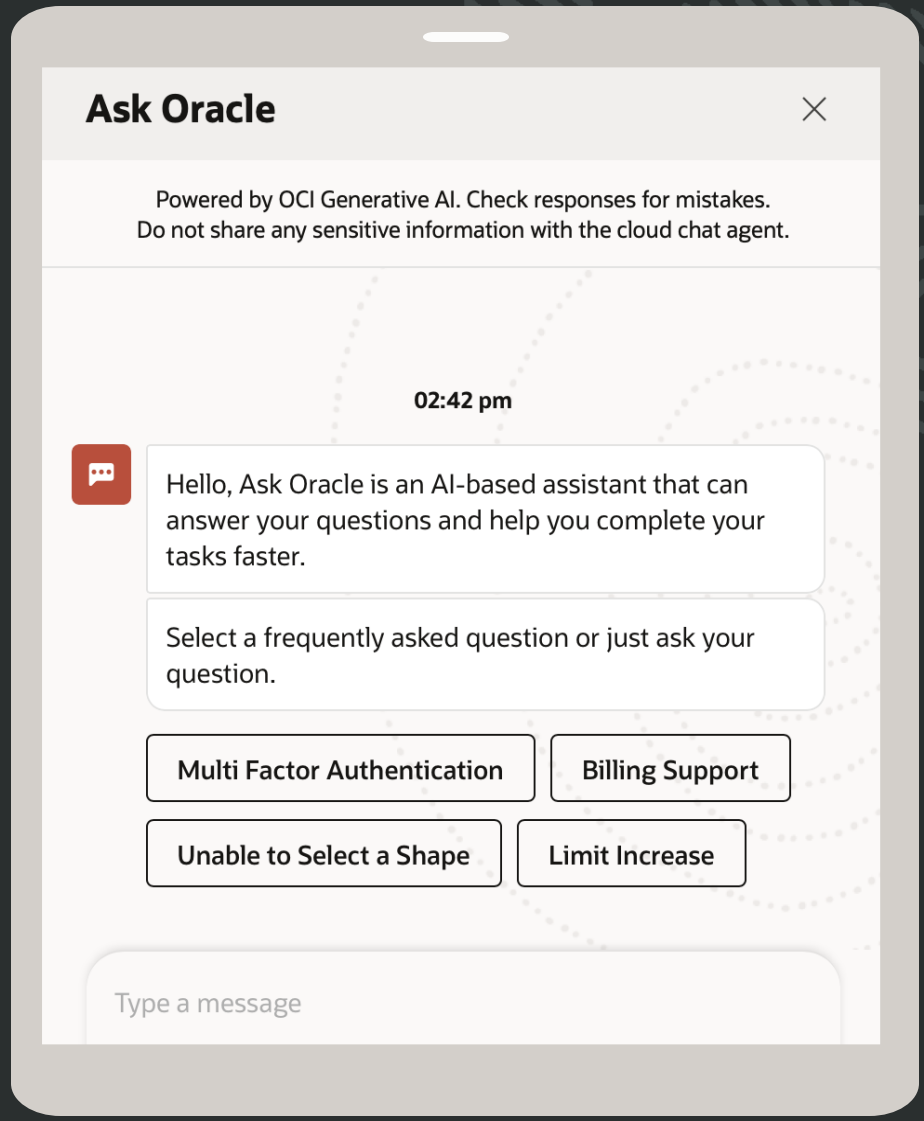
Deriving value from AI

AI in action at Oracle

Oracle AI for Support

64%

Overall deflection rate in the first quarter post-implementation



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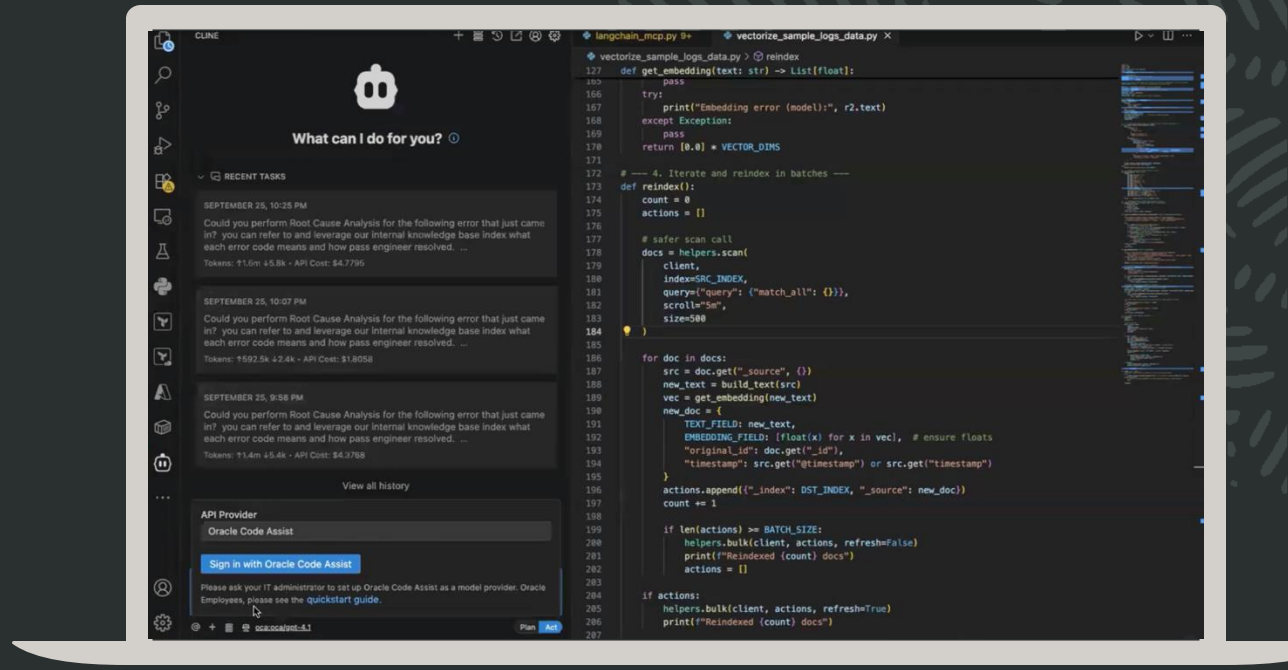
Oracle Code Assist for Developers

10 **hours per week**

Reported time savings from thousands of developers across Oracle



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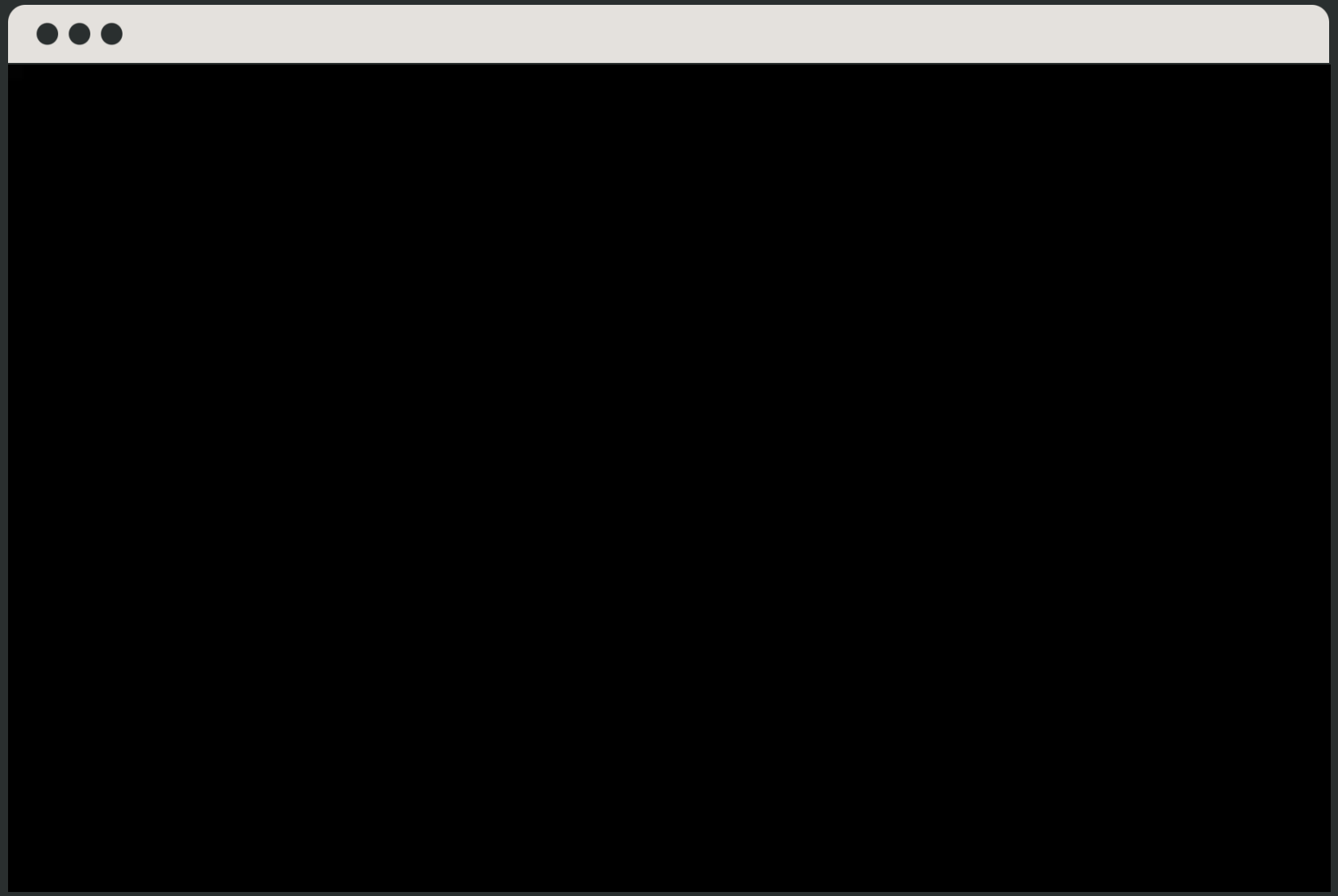
Code Assist Demo



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Announcing Code Assist Limited Availability Program

Sign up today:

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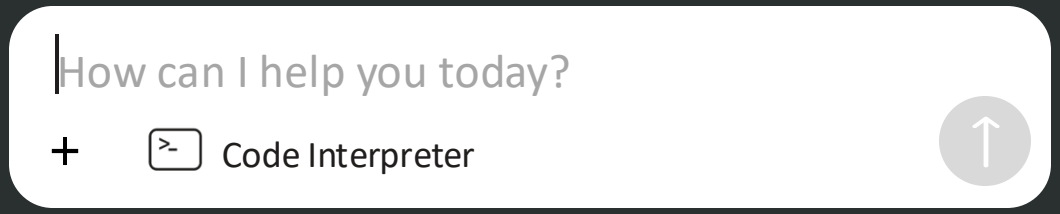
Oracle Chat for Knowledge Workers



Using OCI Generative AI Agent Hub's new intuitive chat interface, any employee can build and deploy agents to accelerate work. From APIs for developers to a simple chat interface for non-developers, Oracle is democratizing innovation with AI:

93% are very or extremely likely to recommend Oracle's AI assistant to a colleague

80% state their work quality has improved

50% saved at least an hour per week

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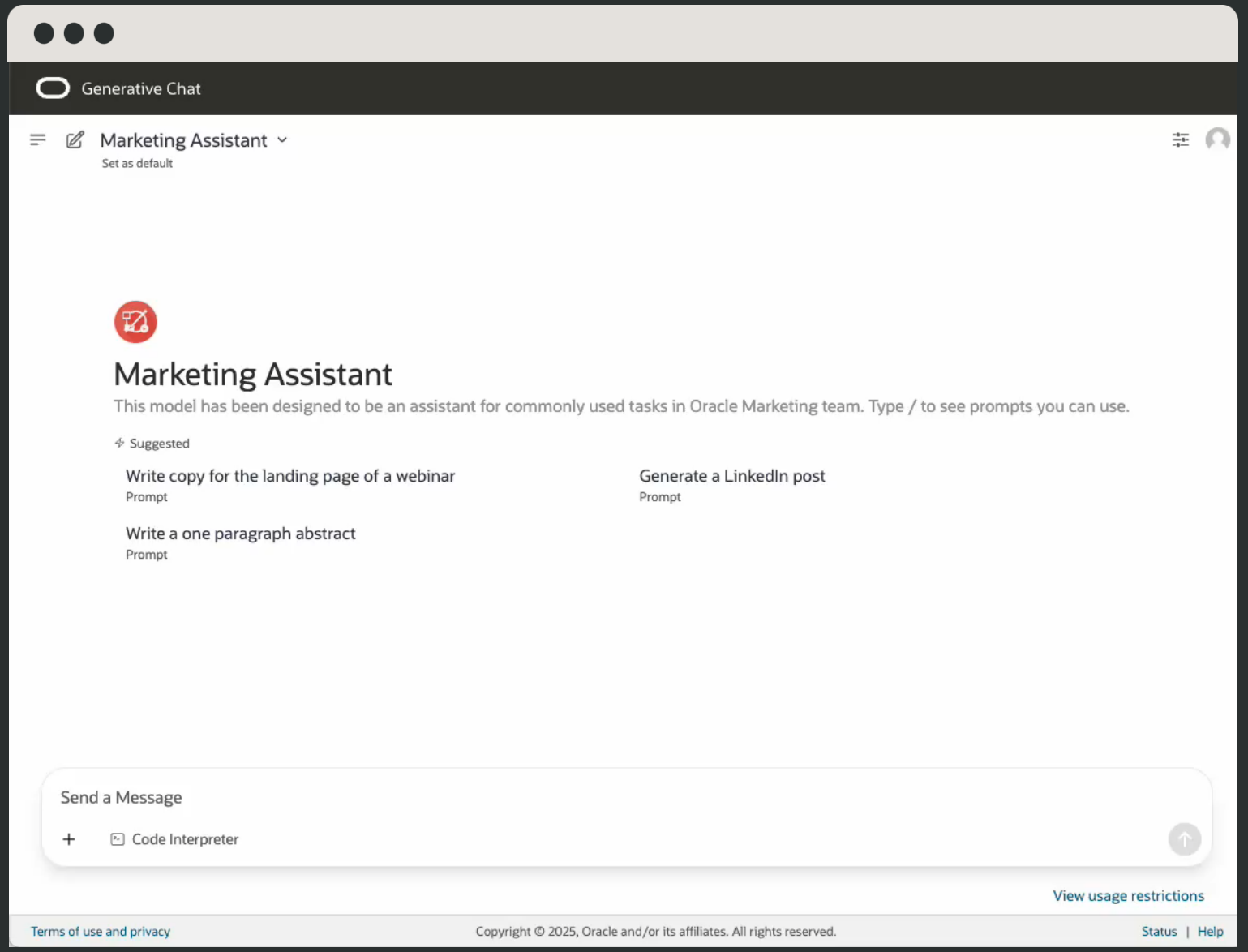
AI Assistant for Knowledge Workers



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Oracle is an AI-first Company

LLMs Actions

Build Your Own AI Agents with OCI Generative AI Agent Hub

Choice and flexibility

Choose from a unique mix of frontier models that is only offered by Oracle

Open and extensible

Compatible with open protocols that are industry-wide standards, such as A2A, MCP, and the OpenAI Responses API

Maximum results, minimum effort

A fully managed platform built for enterprise use cases, with security, observability, and governance built in

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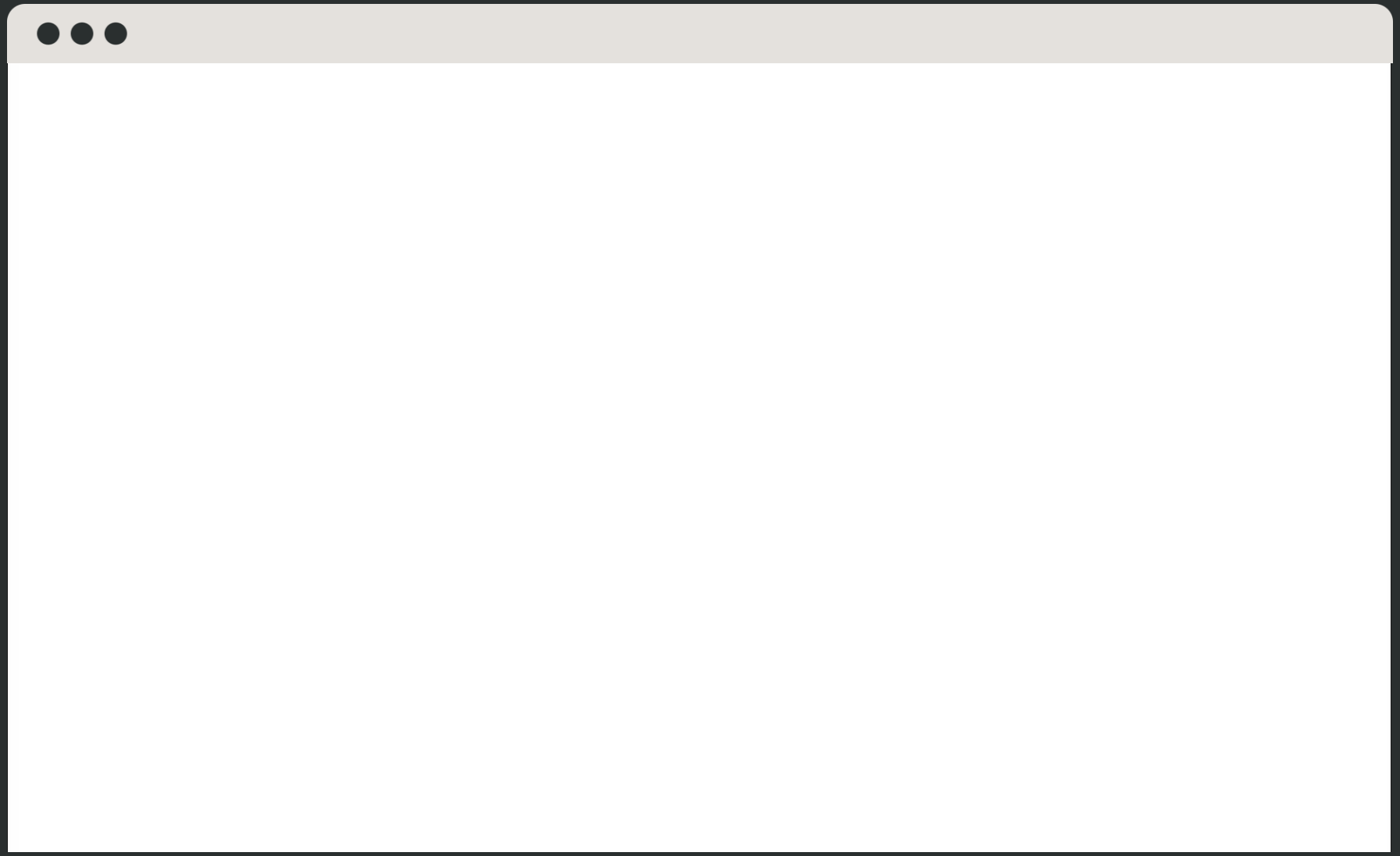
Multi-Agents Demo



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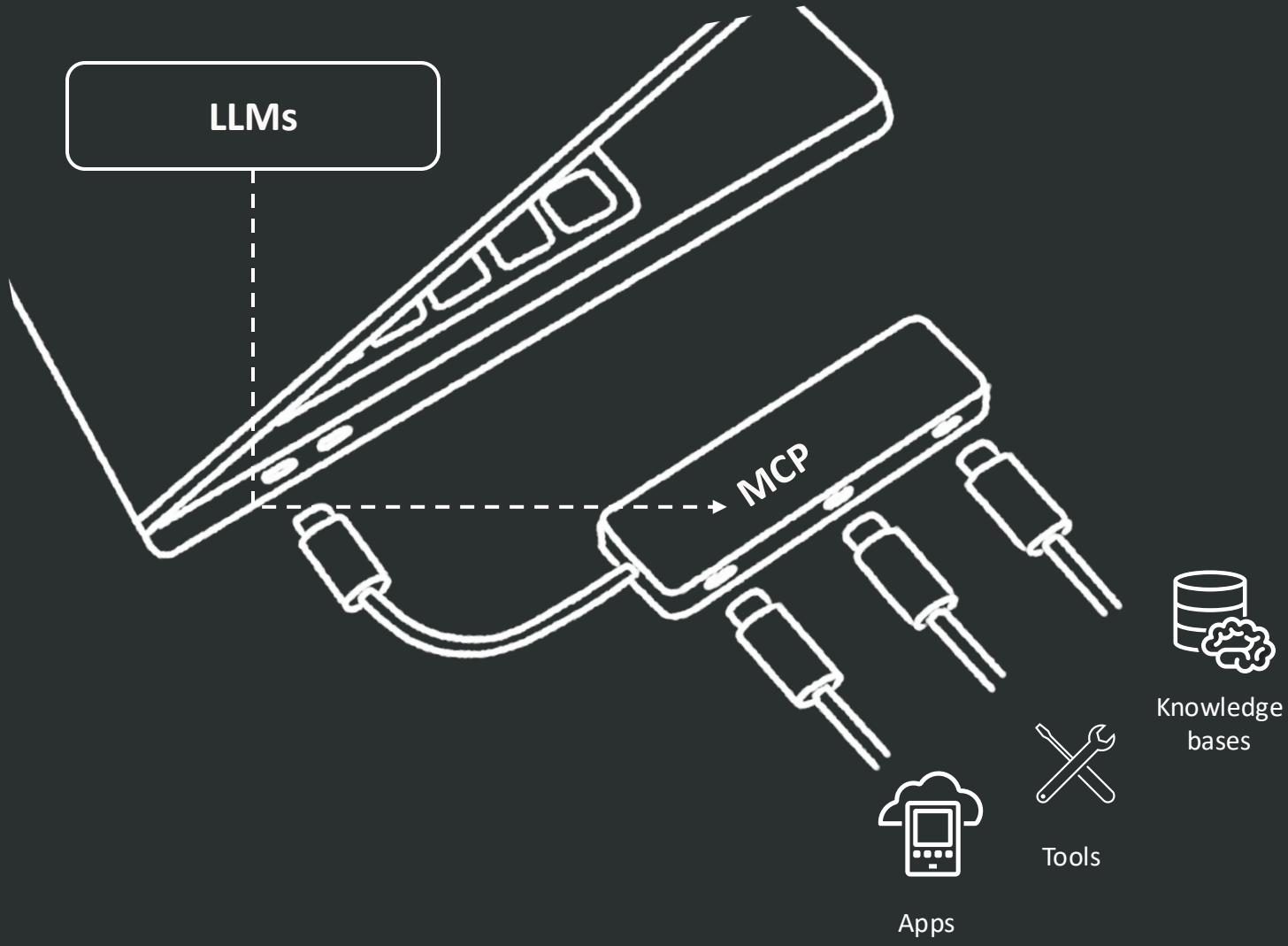
Model Context Protocol (MCP): How It's Used—and the Risks Involved



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MCP Guardrails and Security: Three-layer Approach

Block

Detect and Stop

Governance

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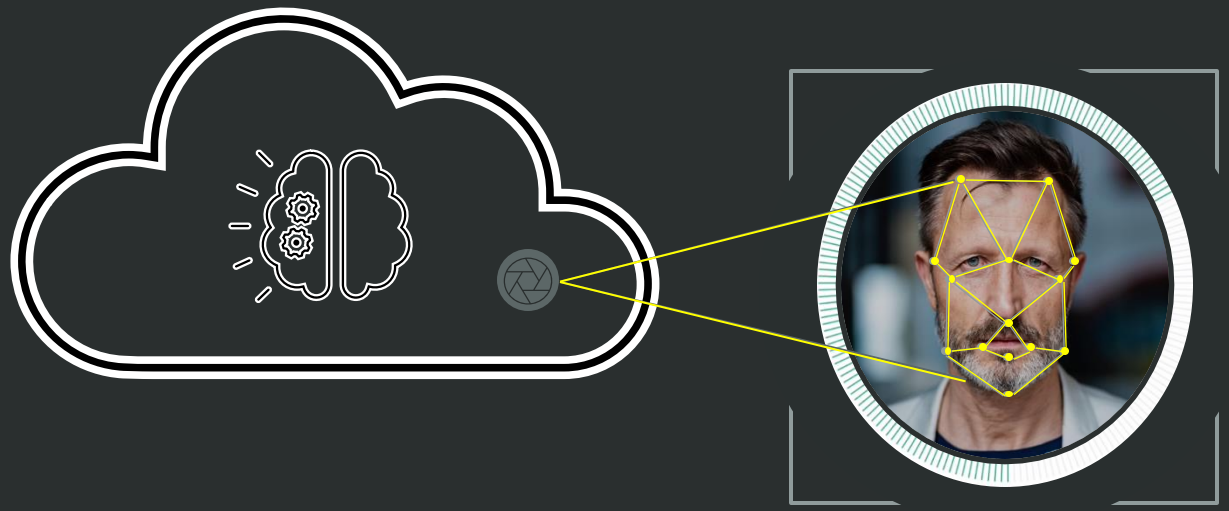
OCI-Native Facial Biometrics

Powered by Biometrics AI from Oracle

OCI IAM will use Biometrics AI for enrollment and verification checks.

Extensible to other use cases

Facial biometrics will initially support Continuous Workforce Verification. As our models mature, we will extend support to authentication scenarios (biometrics as 2FA, account recovery).



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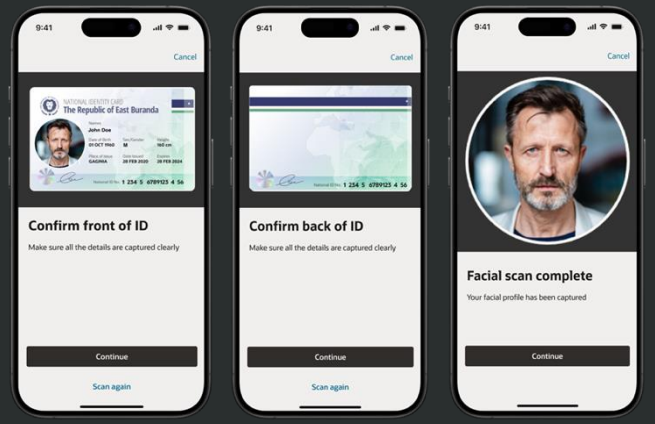
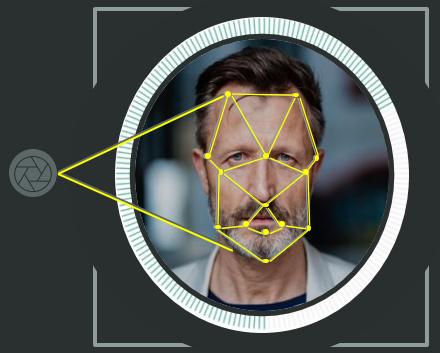
Continuous Workforce Verification – How It Works

Step 1
Identity Verification checks the user's government-issued ID.





Step 2
IDV verified user enrolls in CWV via AI-backed Oracle Facial Biometric service.

Step 3
CWV verifies the user against their profile on a weekly basis during sign-in.

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Real-world impact: customer stories

Qualys®

Balaji Venkatesan

Senior Director AI and Data Platform

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Current Vulnerability Management Challenges

Median time for threat actors to weaponize vulnerabilities: 5.5 days

Manual workflows create reactive, time-consuming processes

Security teams overwhelmed by tool sprawl and disconnected findings

5% of CISA KEVs remain unpatched for over 90 days

Average organization unaware of up to 25% of internet-facing assets

30% of cloud VMs running with high/critical vulnerabilities

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Qualys Agentic AI Solution

Two Main Innovations

- Marketplace of Ready-to-use Cyber Risk AI Agents
- Cyber Risk Assistant (prompt-driven interface)

Key Features

- Integrated into Enterprise TruRisk Management (ETM)
- Built on Qualys AI Fabric architecture
- Enables autonomous cybersecurity operations

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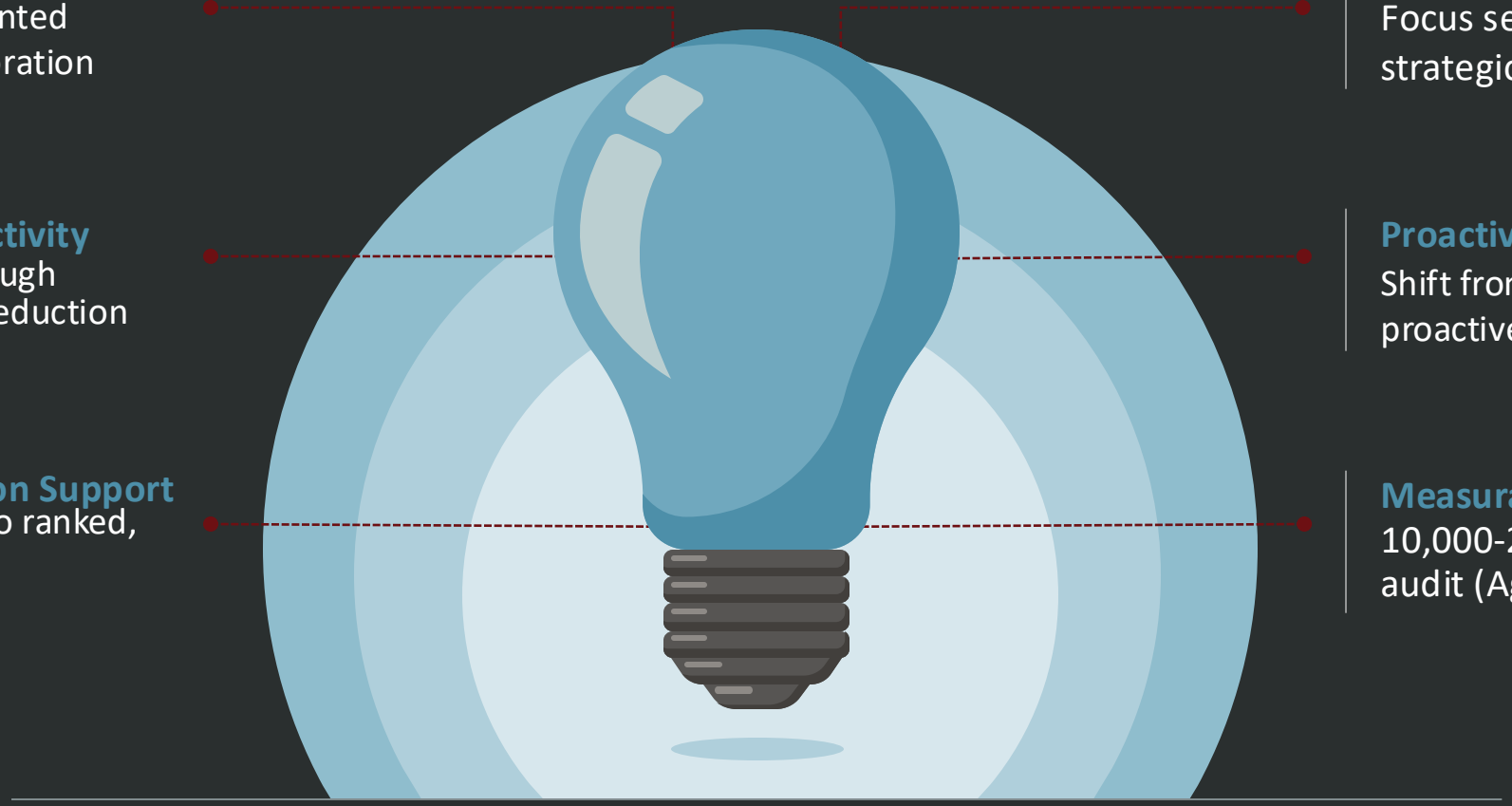
Key Business Impact & Benefits

Democratized Data Access
Streamline fragmented security data exploration

Enhanced Productivity
Reduce MTTR through autonomous risk reduction

Intelligent Decision Support
Transform data into ranked, actionable insights



Cost Optimization
Focus security teams on strategic initiatives

Proactive Security
Shift from reactive measures to proactive strategies

Measurable ROI
10,000-20,000 hours saved per audit (Agent Chang example)

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Oracle’s AI Transformation

Lessons on becoming an AI-first company

1. Rely on tested and established technology as the foundation to innovate.
2. Open and extensible systems allow for greatest flexibility to address unique business needs.
3. Find the right use cases to make maximum impact. Automate core processes, drive workflow efficiency, and integrate AI with your enterprise data.

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Key Takeaways

Innovations in Oracle for Business

Derive Real Value from AI

Building an AI-first Enterprise

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Continue Your Oracle AI Journey

The Complete Enterprise AI Stack: Frontier Models at Oracle [PAN3048]

Wednesday, Oct 15 | 11:00 AM – 11:45 AM PDT

Accelerating AI in Financial Services: Business-Integrated AI Agents [LRN2133]

Wednesday, Oct 15 | 1:00 PM – 1:45 PM PDT

AI Trends for the Enterprise: Vibe Coding, Model Distillation, and More [LRN3045]

Wednesday Oct 15 | 2:15 PM - 3:00 PM PDT

Build, Customize, and Operationalize: Agentic AI for the Enterprise [LRN3044]

Wednesday, Oct 14 | 4:45 PM - 5:30 PM PDT

Generative AI in Business Applications: Insights and Strategies [BOF3082]

Wednesday, Oct 15 | 4:45 PM - 5:30 PM PDT

Scan this QR code to view all sessions from the Oracle AI team

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