uracle

Beyond the No.1 Mobile Standard Platform, Setting a New Standard for Enterprise AI.

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Company Overview

uracle Makes Your Miracle

uracle

25 Years

AI & Mobile Platform Specialist

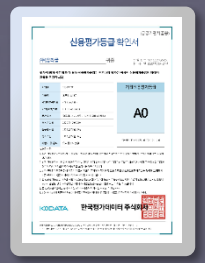


₩35.1B

Revenue (FY2025)

236

Employees



A

Credit Rating

Company History

From Mobile Standard Pioneer to Complete AI Platform

2001
- Founded as Imnetpia Co., Ltd.
- Launched Korea's first PDA securities solution 'Mobile-ro'

2007
- Minister of Science Award (Excellent Venture Company)
- Renamed to 'Uracle'

2011
- Launched Morpheus App Dev Platform (MADP)

2013
- Morpheus Hybrid App (MADP) GS Certified

2015
- Launched Morpheus PUSH
- Mobile e-Government Interior Minister's Citation

2016
- Prime Minister's Citation for ICT industry contribution

2019
- Launched Morpheus UMS
- Morpheus Hybrid App 3.0 GS Certified (Grade 1)

2020
- Launched Morpheus UMS (SaaS)
- No.1 in UMS (PUSH) performance

2024
- Listed on KOSDAQ

2025
- Launched AI platform Athena
- Launched AURDA (AI infra platform)
- Launched Athena Code Assistant

2026
- Saudi Aramco K-AI Full-Stack Consortium
- Launched AI Gateway



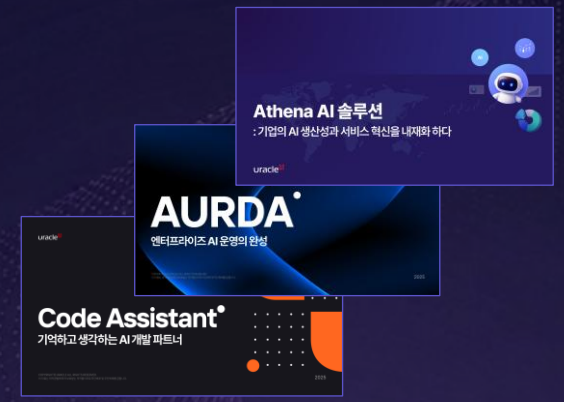












Key Products & Services

Tailored IT Solutions and Services for Enterprises

AI Solutions



Athena	Integrated AI Platform
Athena Code	AI Code Assistant
AURDA AI Infra	AI Infra Management
AURDA AI Gateway	AI Service Management

Mobile Solutions



Morpheus MADP	Mobile Dev Tools
Morpheus UMS	Unified Messaging
Morpheus PUSH	PUSH Delivery
Morpheus EMS	Email Delivery

Development & Ops

Custom system integration (SI), stable maintenance & operations (SM)

Enterprise-wide AX

Strategic partnerships with LG AI Research, NC AI, Upstage and more

Partnerships with Korea's 'National AI' Teams

EXAONE NC AI upstage FURIOSA


유라클-LG AI연구원 협약 체결…AI 플랫폼 '아테나'와 '엑사원' 결합

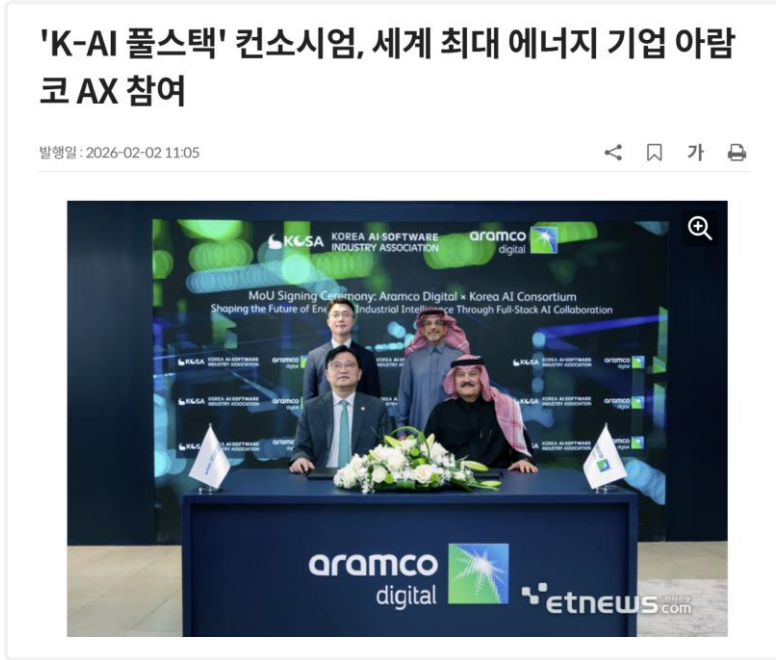






K-AI Full-Stack Consortium - Joined Saudi Aramco Digital's AX

uracle EXAONE NC AI upstage FURIOSA rebellions_ MEGAZONE CLOUD



AI References & Track Record

We are rapidly expanding commercial references built on our AI solutions.

Client	Project	Period	Software	Scope	Status
Medical Liability Mutual Aid Assn.	Next-generation mutual aid IT system upgrade	'26.12.~'27.07.	Athena / AURDA AI Gateway	Athena-based AI data pipeline and AI agents for mutual aid operations	Awarded
KITECH	Athena Code Assistant adoption	'26.09.~'27.12.	Athena Code	Code assistant for internal operating systems	Ongoing
KT SkyLife	AI code assistant adoption	'26.09.~'26.11.	Athena Code	Operation of legacy IE/Java web services with the code assistant	Ongoing
MOTIE / LS Mtron	Human-AI collaborative physical-AI platform for autonomous tractor transmission manufacturing and inspection	'26.07~'29.12	Athena / AURDA AI Gateway	HITL (Human-in-the-Loop) / physical-AI integrated platform for autonomous transmission manufacturing	Ongoing
MOE / K-water, KOMIPO	Pilot and commercialization of a generative AI leak-monitoring platform using high-sensitivity leak sensors	'26.07~'27.06	Athena / AURDA AI Gateway	Pilot and commercialization of generative AI leak-monitoring platform	Ongoing
KOSA (Korea AI & SW Industry Assn.)	KOSA AI Service (KOSA-AX)	'26.07~'26.10	Athena / AURDA AI Gateway	Internal and external chatbots for career/industry information search, summarization and system-linked work support	Ongoing
MSIT (Saudi Aramco)	Overseas pilot of an LLM & 3D modeling platform on high-efficiency AI-semiconductor inference and plant industrial data	'26.04.~'26.12	AURDA	Overseas pilot of 3D modeling platform based on plant industrial data	Done
KODATA	KODATA AI development platform	'26.04.~'26.12.	Athena/AURDA, Athena Code	Enterprise AI development/operations platform and 4 work-support agents	Done
Hyundai E&C	Hyundai E&C AI housing sales chatbot	'26.02.~'26.05.	Athena / AURDA AI Gateway	Customer-facing AI sales chatbot; rollout planned for H2	Done
Korean Medical Association	Integrated association information system	'26.02.~'26.12.	Athena / AURDA AI Gateway	AI chatbots for citizens, staff and ad-review applicants on the AI platform	Done
Woori Bank	AI-based FDS upgrade	'25.11.~'25.08.	Athena	FDS inspection system based on historical case scenarios	Done
KT SkyLife	AI code assistant adoption (pilot)	'25.11.~'25.02.	Athena Code	Migration of legacy IE/Java web services with the code assistant	Done
KCB	AI service platform	'25.10.~'26.05.	Athena/AURDA	No-code enterprise platform for building AI services	Done
Intellian Tech	AIOps platform and customer support chatbot	'25.08.~'25.12.	Athena/AURDA	Generative AI platform and RAG chatbot for customer support	Done
Hyundai E&C	In-house AI service platform	'25.07.~'26.01.	Athena / AURDA AI Gateway	Enterprise-wide generative AI platform	Done
GS E&C	New mobile workplace	'25.07.~'25.12.	Athena/AURDA	Enterprise generative AI platform, RAG-based knowledge search and AI assistant	Done
Meritz Securities	Generative AI pilot project	'25.05.~'25.09.	Athena/AURDA	Compliance regulation search RAG and real-time document translation/summarization agent	Done
MOIS	AI-based next-generation safety reporting and risk-signal analysis service	'24.10.~'25.12.	LG AI Research	Reporting agent and integration with the next-gen Safety Report system	Done

AURDA AI GATEWAY

The One Solution for Managing Enterprise AI

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CASES ▶ Distributed Use of AI Services & Models in the Enterprise



As departments and individuals each use AI separately, the need for unified management is growing.

- User A
- User B
- User C
- Dept. A
- Dept. B
- Dept. C

ChatGPT
Claude
Gemini
Microsoft Copilot
Midjourney
Perplexity
Llama
Stable Diffusion
AWS Bedrock
Mistral AI
Azure OpenAI
Qwen
...

- Fragmented AI Service Operations
- Hard to Manage Usage & Cost
- No AI Security, Policy or Control

ISSUE ▶ Challenges of Managing AI by Department & Domain



Different operational perspectives across teams make systematic AI operations and management difficult.

Where do we manage AI models and services?

How do we scale and manage multiple AI models?



AX/AI Team

[Rollout · Deployment]

How do we measure and manage individual AI costs?

How do we set budgets per AI service and control overuse?



Finance Team

[Cost · Budget]

How do we observe and control in-house and external AI workloads?

How do we monitor and optimize AI infra resources and performance?



Infra Team

[Resources · Routing]

How do we set and differentiate access rights per AI service?

How do we apply our security policies to AI and track & verify them?



Security Team

[Policy · Guardrails]

Solution ▶ A Platform for Unified AI Service Management



Unifies enterprise AI operational elements to deliver a systematic and efficient AI management framework.

4 Issues in AI Adoption & Operations

AI Model & Service Management

Hard to unify scattered models and services

Usage & Cost Control

Unclear channels and criteria for measuring usage and cost

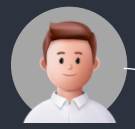
Traffic & Performance Monitoring

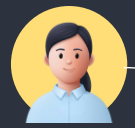
Hard to trace traffic spikes and slowdowns

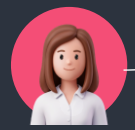
Access Rights & Security Policy

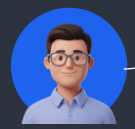
Hard to block unauthorized use and apply policies

Manage all AI services within one unified framework









AI Gateway

- AI Model
- COST
- OBSERVE
- SECURITY

Value Provided

- Structured & Scalable AI Services
- Lower AI Operating Costs
- Visibility into AI Usage
- Policy-based Secure AI Use

Concept ▶ Centralized AI Management Solution



AURDA AI Gateway is a unified AI governance platform that connects, manages, and observes all AI services.

Service Layer

Users

AI Agent

Business Systems

AI Application

AURDA AI Gateway

A centralized solution for connecting and operating enterprise-wide AI models and services

Model Routing | Traffic Control | Operational Governance | Policy Management | Security + Guardrails | Service Expansion

AI Workload

Inside the Enterprise (Internal AI)

Private LLM | AI Platform | Existing AI Services

On-premise / Kubernetes Infrastructure

External Services (External AI)

Public LLM | Service Expansion | Existing AI Services

Cloud Infrastructure

Capability ▶ AURDA AI Gateway Solution

Delivers a differentiated AI operations and management experience through a single AI control channel and management features.



AI GATEWAY Key Function

Model Connection & Management

Diverse AI models → single entry point

AI Workload & Traffic Distribution

Resource routing & failover

Operational Governance

Unified monitoring/analytics · ops agent

Access & Usage Control

Access profiles · API keys · AuthN/AuthZ

Enterprise Security

Unified security · guardrails · audit

System & Tool Integration

MCP connection · agent expansion

Function 01 | Model Connection & Management

• Systematic AI service operations through unified AI model connectivity



- Full-stack control of authentication, policy, routing and inference for AI use on a unified governance architecture

AI Call Scenarios

System connection request

Connect to in-house groupware and analyze & summarize data

External VLM call request

Analyze an uploaded image with a high-performance model

Agent use request

Connect the Jira Agent Skill to analyze and share projects

GATEWAY Layer

AURDA AI Gateway

- AuthN / Access Control
- Guardrails / Usage Policy
- Direct Call / Model Routing
- Execution History / Usage Collection

Observe Trace

Requests / Latency / GPU · Engine Metrics
Tokens / Distributed Traces / Audit Logs

Connect to the right endpoint

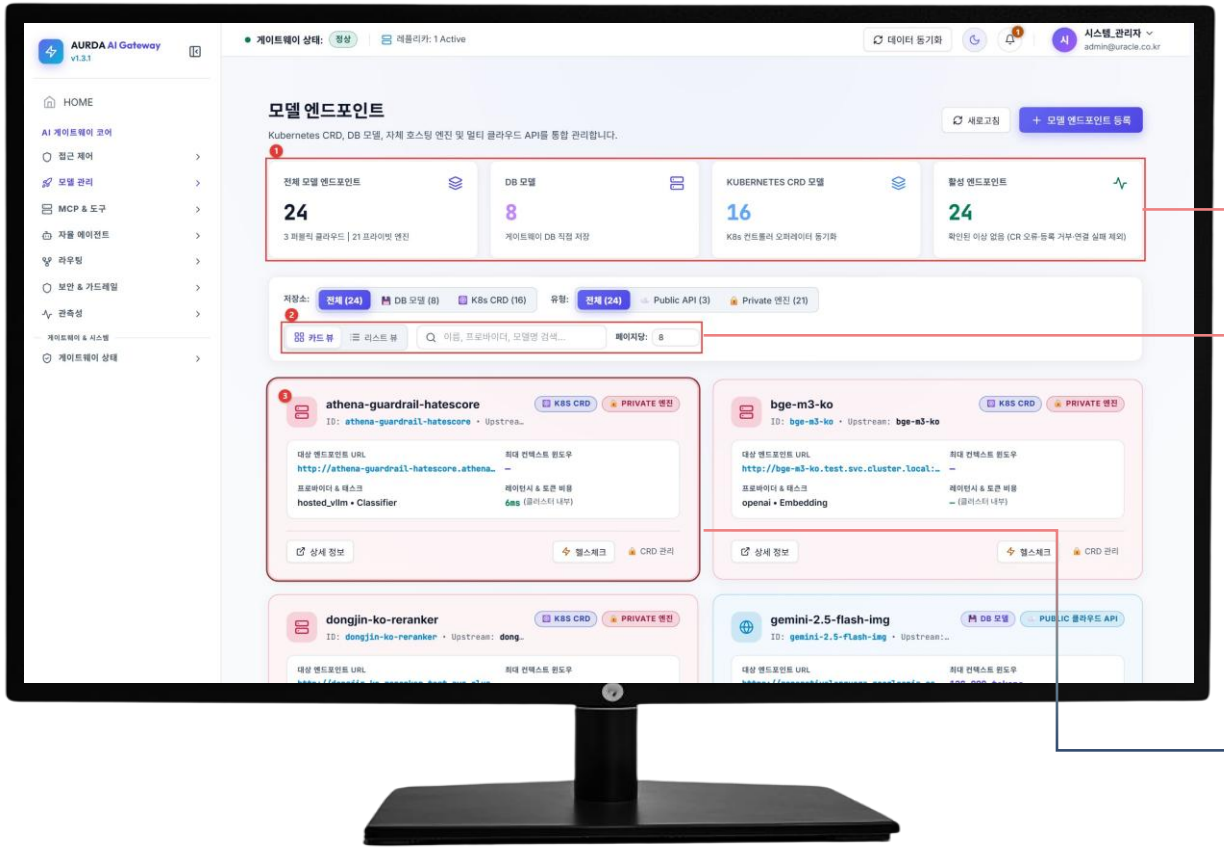
Type	Endpoint
Private AI	OSS Model · SLM ...
Private AI	vLLM · SGLang ...
Public AI	GPT · Claude · Gemini ...
Public AI	Parser · Embedding · External models ...
MCP	In-house tools · DB · ERP ...
A2A	External AI Agents ...

Function 01 | Model Connection & Management



- **Greater management efficiency and ease of operation through model endpoint visibility**
- Manage public and private AI models and services from a single console

Control all AI models and services in a single framework



Intuitive operations monitoring

- Register / delete model endpoints
- API management
- Active model control

Model serving details

- List of all AI models
- Model search
- Sorting

AI model / API details

- Model specs & endpoint info
- Playground
- Host info

Function 02

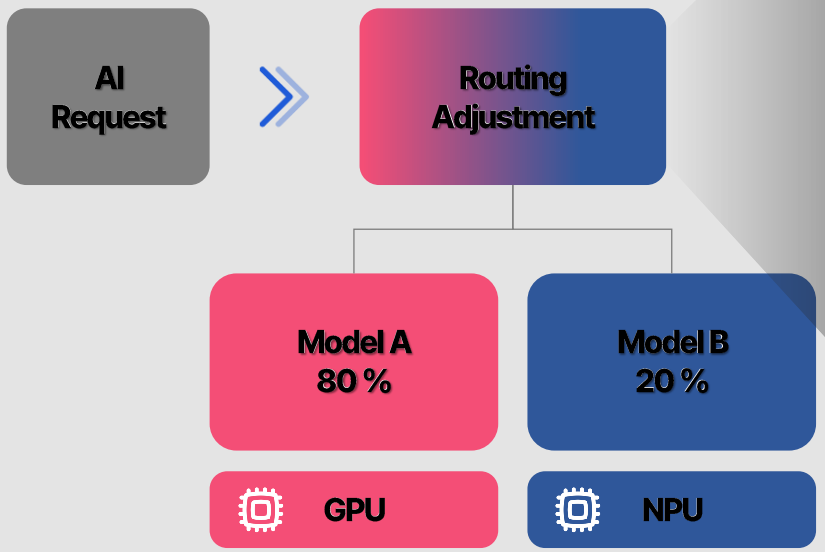
AI Workload & Traffic Distribution



- **Stronger AI service performance and operational stability through routing and traffic distribution**
- Set call policies and priorities per model, and optimize traffic by request type and processing load

Routing & Traffic Distribution Control

Stable AI services built on optimized AI calls and per-model routing



Per-model priority + detailed routing strategy

- **Weighted** — By weight
- **Priority** — By priority
- **Round Robin** — Sequential
- **Latency Based** — By latency
- **Least Concurrency** — Fewest concurrent requests
- **Context Size** — By prompt length
- **Prefix Cache** — Cache-aware
- **Disaggregated** — Prefill / Decode

Function 02

AI Workload & Traffic Distribution



- **Stable processing and performance optimization of AI services by tracing latency segments**
- Identify where delays occur during request processing to analyze the causes of performance degradation

Latency tracing for AI workloads





Analyze and trace service delays and causes across the AI call and request path

Example AI Call Timeline

Smooth Fair Delayed

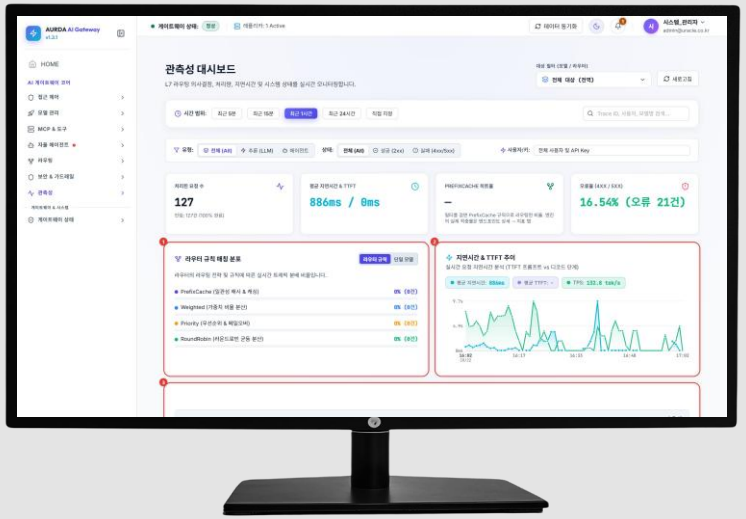
Total Time	35 sec
API Ingress	Smooth
AuthN	Smooth
Guardrail	Fair
MCP Tool	Bottleneck
Model Inference	Fair

Function 03 Operational Governance



- **Operational visibility and cost efficiency through unified management of operating metrics**
- See call volume, response time, token usage, cost and errors per model on a single dashboard

AI Service Dashboard



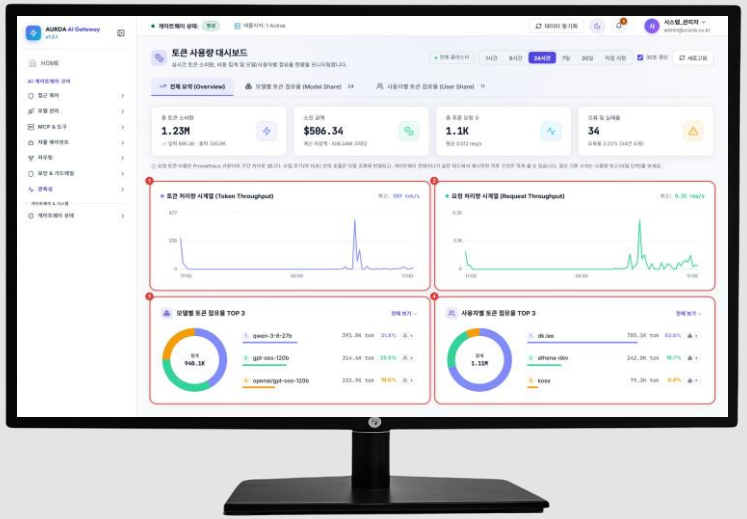
Traffic Dashboard
Requests · Throughput · Error Rate

Model Health
GPU / VRAM · Engine Metrics

Latency
Response Latency · TTFT Trends

Trace Checker
Per-Stage Request Waterfall

Token Usage Control



Token Tracking
Real-time Token Usage Tracking

Usage Analytics
Token Consumption & Pattern Analysis

Cost Management
AI Cost Estimation & Trends

Quota Management
Token Limits & Overuse Control

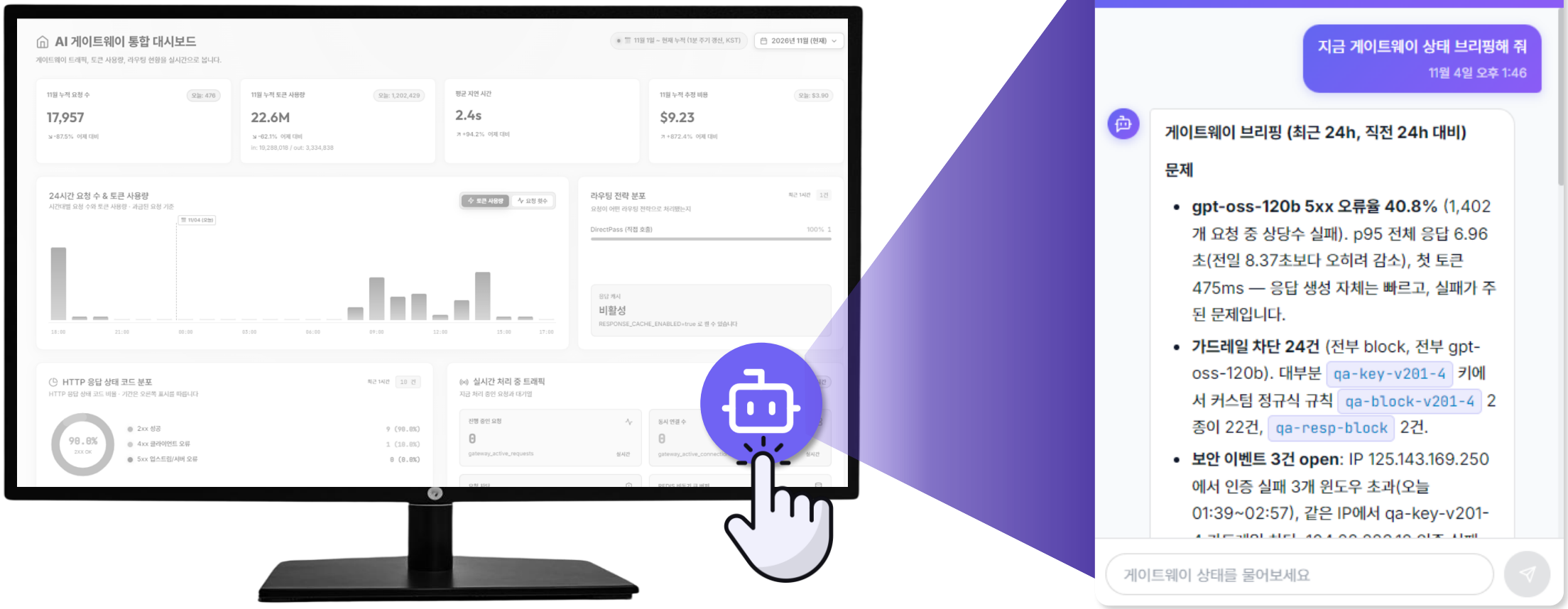
Function 03 | Operational Governance

• Easier operations and faster response with a conversational agent



- An intelligent agent that supports everything from AI operations status queries to anomaly analysis and incident response

Ops agent as a floating widget

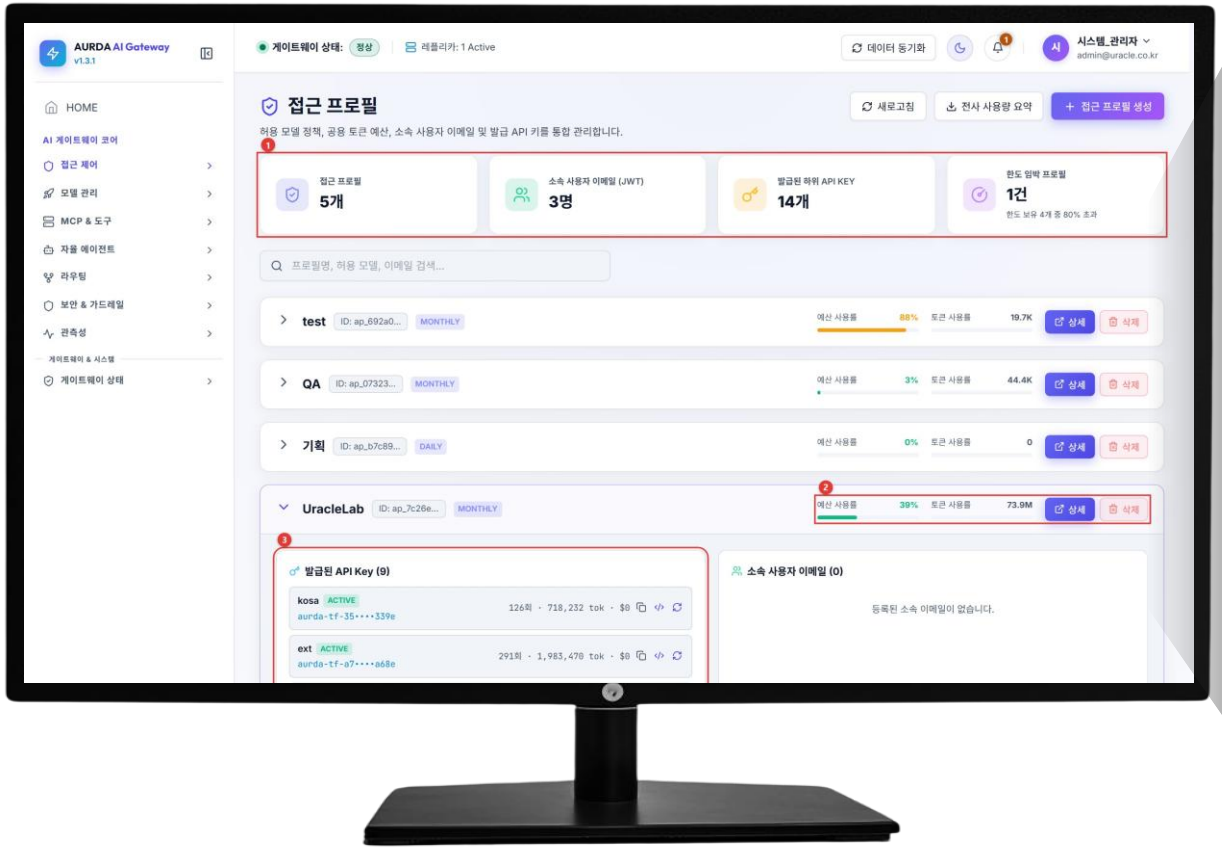


Function 04 Access & Usage Control



- **A systematic AI control environment through per-user and per-organization access and usage policies**
- Set access rights, model scope and call limits per user and organization to build the right AI usage framework

AI Service Usage Management by Access Profile



AI resource scope and budget separated at the source by permission

1 Resource Permissions
Models / Routers / AI Agents / MCP Servers

2 User Authentication
Members · Role-based Admins · API Keys

3 Usage Limits
Shared USD Budget · Total Tokens · RPM / TPM

4 Operating Policy
Reset Cycle · Request Priority

Function 05 Enterprise Security

• A secure AI environment through pre- and post-call security checks

• Safe AI service operations with built-in guardrails, custom rules and policy simulation



AI Service Flow

INPUT
User Prompt

PRE-CALL
Input Guardrail

MODEL
AI Model Call

POST-CALL
Output Guardrail

OUTPUT
Service Response

Prompt Injection Detection

Detects and blocks malicious input patterns in user prompts, such as bypassing system instructions, role hijacking and attempts to expose internal guidelines

Sensitive Data Protection

Checks AI-generated responses for personal, confidential and internal data, and blocks potential leaks

Input Content Filtering

Analyzes user input sent to AI models to identify harmful content, personal and sensitive information

Response Policy Validation

Verifies that AI responses comply with predefined service policies and safety standards, and controls inappropriate or unreliable responses

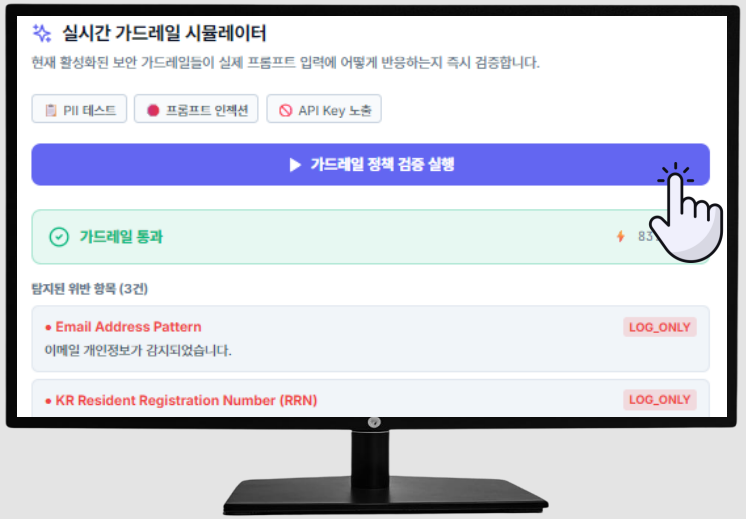
Function 05 Enterprise Security

• Full-stack AI security governance, from pre-call checks to post-call audits

• A security simulator and logging system for end-to-end security control and audit transparency



Security & Guardrail Simulator



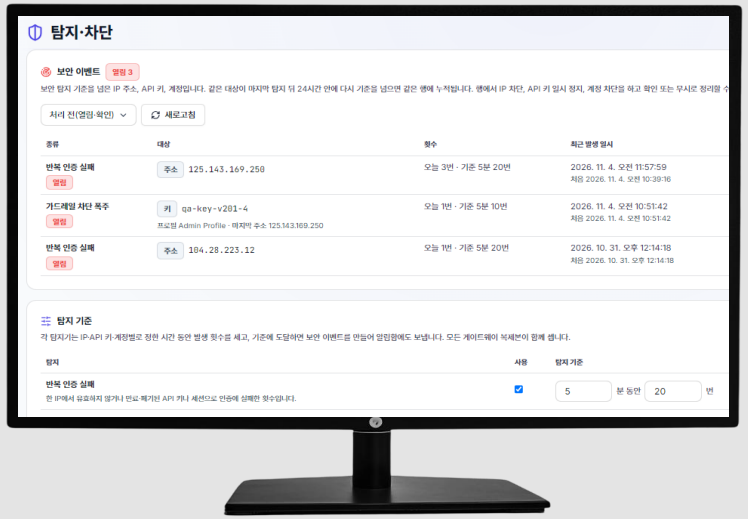
Guardrail Simulation
Simulate policies and conditions

Input + Output Test
Scenario-based policy testing

PII Masking Rules
Set masking rules for PII

Execution Trace
Review simulation and results

Detection & Block Logs



Security Logs
Unified security event logging & search

Security Rules
Set security criteria and policies

IP Access Control
Allow/block access by IP range

Account Blocking
Block abnormal auth and access attempts

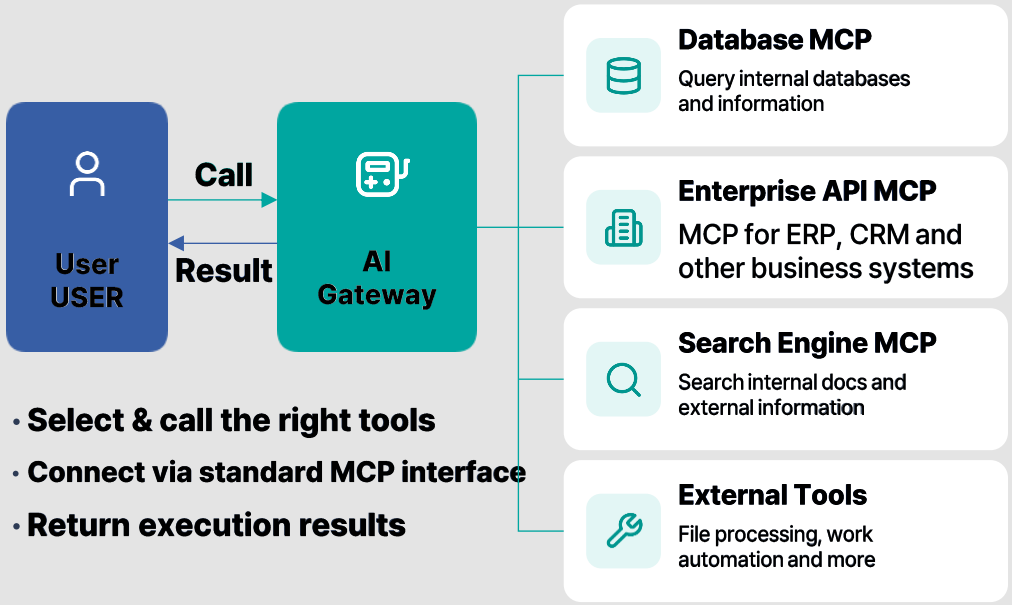
Function 06 | System & Tool Integration

Broader work automation and service scalability through system and tool integration



- Manage MCP servers and external APIs, and expand AI's scope through connection status and per-tool execution permissions

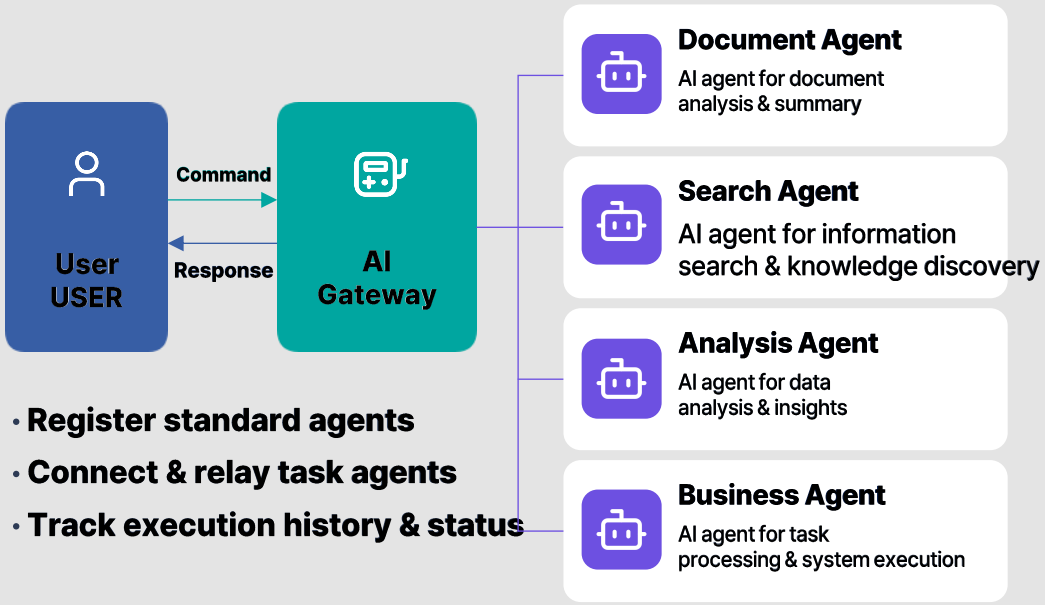
MCP Server Integration



- Select & call the right tools
- Connect via standard MCP interface
- Return execution results

Connects diverse external tools and data sources via the standardized MCP interface to extend what AI services can do

A2A Agent Integration



- Register standard agents
- Connect & relay task agents
- Track execution history & status

Controls the scope and environment of AI agents based on the A2A standard protocol to enable complex AI-driven tasks

What Changes?



What changes with AURDA AI Gateway?

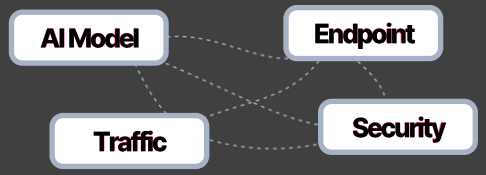
As-Is Distributed AI Operations	To-Be AURDA AI Gateway
Models and endpoints managed separately	Unified model & endpoint management
Hard to track usage and cost per model	Enterprise-wide AI usage monitoring & cost control
Traffic handled service by service	Policy-based traffic control & flexible routing
Different security policies for each service	Centralized authentication & guardrail policies
AI services expanded through one-off integrations	Systematic tool connection & expansion (MCP, A2A)

Making sustainable enterprise AI operations a reality.

We resolve diverse AI operations issues through a single management channel to raise customer value.



ISSUE
Key AI Adoption Issues



01
Scattered AI Models

02
Uncontrolled AI Costs

03
No Traffic Control or Visibility

04
Weak Policy Enforcement

Solution
Optimal AI Operating Framework

AURDA AI Gateway

- Unified Endpoint Management
- Traffic Control & Routing
- AI Usage & Cost Management
- Profile-based Access Auth
- Enterprise Security & Guardrails
- System & Tool Extensibility

Value
Customer Value Delivered

AURDA AI Gateway

Single control - [AI Model · Endpoint · Traffic · Security]

- Centralized Operations
- Cost & Productivity Gains
- Service Stability
- Security & Scalability



The One Solution for Managing Enterprise AI

AURDA AI GATEWAY

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