

# Company Introduction

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The Most Trusted Partner for AX Success

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# 01

## Company Introduction

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# Konan Technology

“

Konan Technology is a partner that delivers AI solutions leading to tangible results, backed by AI expertise accumulated since 1999 and extensive experience in large-scale AX projects.

”

<b>Company Name</b>	Konan Technology Inc.
<b>CEO</b>	Young Sum Kim
<b>Date of Establishment</b>	April 1999
<b>Core Technologies</b>	Generative AI, AI Agent, RAG-X, PHM, AI Pilot
<b>Key Products</b>	AX, AI Appliance, AI Tech
<b>Number of Employees</b>	190 (as of 2026.5.)
<b>Address</b>	327, Gangnam-daero, Seocho-gu, Seoul
<b>Corporate Type</b>	KOSDAQ-Listed Company

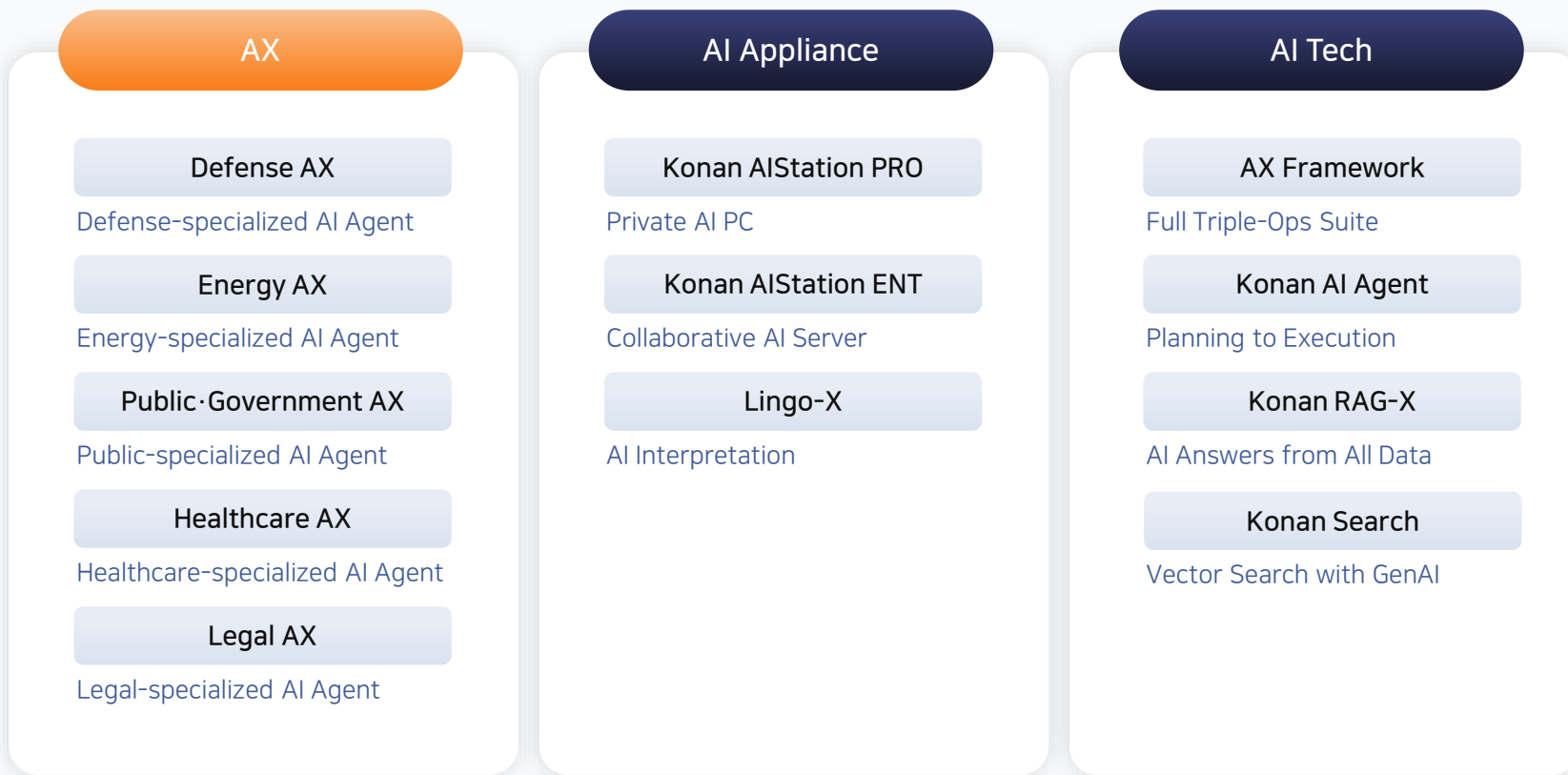
# Why Us?

Konan Technology is the AX success partner chosen by the most clients based on proven experience and technical expertise.

<p><b>AX Success Partner</b></p> <p>The Market Leader Holding 70% of the AX Market</p> 	<p><b>Reasoning Model LLM</b></p> <p>Konan LLM ENT with Reasoning Mode supports search tools, MCP, and NL2SQL to provide proprietary models specialized for Agentic AI.</p> 	<p><b>Essential RAG</b></p> <p>We build optimal RAG environments using advanced search tech and pipelines that drive project success.</p>
<p><b>AgentOps</b></p> <p>An integrated operating system for agents that perform complex tasks autonomously</p> <p>Multi-agent collaboration, MCP connectivity, and performance analytics to fully automate workflows and continuously improve ROI</p> 	<p style="text-align: center;"><b>Konan Technology</b></p> <p style="text-align: center;">Unrivaled Experience and Technical Prowess The AX success partner chosen by the most clients</p>	<p><b>Korea's No.1 Search Engine</b></p> <p>We optimize data chunking and embedding to make LLMs ready for real-world business tasks.</p> 
<p><b>RAGOps</b></p> <p>We ensure stable RAG operations by supporting search accuracy and modular expansion.</p>		<p><b>LLMOps</b></p> <p>Our platform offers full lifecycle management through No-code Studio and real-time GPU dashboards.</p>

# Product Lineup

Konan Technology implements core technologies such as Generative AI, AI Agent, and RAG-X using proprietary source Technology and open source to provide diverse industry-specific solutions including AX, AI Appliance, and AI Tech.



# History

Konan Technology has realized Agentic AI for proactive problem-solving through continuously refined AI expertise. We will be your core AX partner, driving industry-specific value and proven transformation.

## Establishment

- 2009 • Adopted Image search engine on Nate Portal
- 2007 • Provides integrated search for Nate and Cyworld
- 2004 • Launched 'Konan Digital Arc' based SBS Digital News
- 2001 • Konan image search technology adopted as MPEG7 international standard
- 1999 • Established Konan Technology Ltd.

## Growth

- 2019 • Business Agreement on AI-based Services with SK Broadband Content Platform
- 2018 • Launched AI-enhanced products ('Konan Search 5, etc.)
- 'Konan Search 5', 'Konan Bot' GS Certification
- 2017 • 'Konan Analytics 4' GS Certification
- Launched voice recognition technology product 'Konan Listener'
- 2016 • Software Process (SP) Certification Grade 2
- 2015 • 'Konan Media Arc' GS Certification
- 2012 • Opened social analysis platform 'pulseK'
- 2011 • Launched smart TV search platform 'Interactive Semantic'

## Acceleration

- 2026 • Joined the MSIT Agentic AI Alliance Technical Subcommittee
- Signed an MOU with NAVER CLOUD for defense& manufacturing AI
- 2025 • 'Konan LLM' earned Korea's first 'AI+' certification from KSA
- Won consecutive projects for Korea Western & East-West Power GenAI platforms
- Secured the contract for Gyeonggi Province's Generative AI platform
- Built Korea's first medical LLM platform with HUMC-Hallym
- 2024 • Contracted with KOSPO for Generative AI deployment and training
- Received the Minister's Award at the Korea AI Industry Awards from MSIT
- 2023 • Selected for Defense Innovation 100 (Round 2)
- Launched the large language model Konan LLM
- Awarded a KRW 5.1 billion contract for the Ministry of National Defense's intelligent platform
- 2022 • Listed on KOSDAQ (402030)
- Signed an MOU with KAI for AI-driven aerospace technologies
- Received the MSIT Minister's Commendation for excellence in data distribution

# 02

# AX

- 1) Defense AX
- 2) Energy AX
- 3) Public·Government AX
- 4) Healthcare AX
- 5) Legal AX

# Defense AX

Konan Technology minimizes weapon system development risks and drives innovative reductions in schedules and costs by providing virtual pre-validation simulation engines for defense AX.



## Features

Optimal Firepower Recommendation	Reinforcement learning provides real-time optimal firepower and response scenarios.
Real-time Target Identification	Vision AI identifies targets in drone and surveillance footage in real time.
Virtual Battlefield Pre-validation	Operations are pre-validated using 3D synthetic data and virtual simulations.
AI Predictive Maintenance	Sensor data analysis predicts potential failures for timely maintenance.
MUM-T Physical AI	UAVs and robots perform high-risk missions via autonomous navigation and vision-based target identification.

## Use Cases

### AI Firepower Recommendation



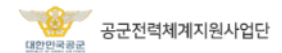
Rapid target detection and firepower suggestions drastically reduce response times to support precise command decisions.

### Defense Intelligent Platform



An integrated military AI R&D environment serves as a comprehensive decision-support system.

### AI Air Combat Training Analysis



Advanced data integration realizes an intelligent air combat ecosystem bridging training and real-world combat.

# Energy AX

Energy-specialized AI revolutionizes power plant operations to maximize field efficiency and accelerate AX transformation.



## Features

### Power Plant Specialized LLM

- Konan LLM-ENT analyzes equipment data and field context using over 25 billion trained documents.

### Evidence-based RAG

- Hybrid vector search and Re-Rank algorithms provide high-precision, source-based answers.

### No-code AI Model Management

- No-code training and performance management tools eliminate the need for specialized AI experts.

## Use Cases

### EWP AI Platform



An integrated Generative AI platform within the internal network boosts efficiency while preventing data leakage.

### Field-focused Generative AI Platform



This platform strengthens employee AI capabilities and improves overall organizational efficiency.

### Multi-purpose Generative AI



Versatile AI applications support power production management, customer service, and internal operations.

# Public·Government AX

Proven through verification by the Ministry of the Interior and Safety and the National Assembly Secretariat, this technology automates the entire public administration cycle to realize 'Zero Repetitive Work AI'.



## Features

### Local Government Customized LLM

- Trained on ordinances and documents to understand administrative contexts precisely.

### Instant Administrative Data Search

- Konan RAG-X enables real-time search and retrieval of massive administrative records.

### All-in-One Document Processing

- A single pipeline manages everything from drafting reports to reviewing ordinances.

### Real-time Knowledge Updates

- Konan LLM Studio enables instant knowledge base updates for legal or organizational changes.

## Use Cases

### Historical Administrative Search



- Vector searches five years of administrative records
- Automates performance comparisons and insight summaries

### Administrative Appeal AI Agent



- Searches laws and precedents based on case summaries
- Generates arguments and drafts decisions from similar cases

### Legal Decision Support



- Provides precision search for laws, ordinances, and rulings
- Analyzes case outcomes and offers legality review opinions

# Healthcare AX

Streamlining the entire medical administration cycle with clinical term expertise and robust security to create an environment where providers focus solely on patients.



## Features

### Automated Medical Records

- AI-driven real-time voice analysis generates SOAP notes automatically.

### Instant Rule & Paper Search

- Natural language search for internal regulations, medical papers, and clinical guidelines.

### Zero Patient Data Leakage

- On-premise deployment and safety filters ensure complete data security.

### AI Quality Control

- Direct control over model training and performance monitoring via Konan LLM Studio.

## Use Cases

### Medical Generative AI Platform



#### Overview

- Integrated LLM and RAG into patient record systems for the first time
- Built an intelligent knowledge platform for real-time information and consultation

#### Key Benefit

- Cut documentation time by 80% (5min to 1min), saving 83,000 administrative hours annually
- Secured 30+ extra patient care days per year through process efficiency
- Achieved 80% accuracy and 40% faster processing for internal regulations
- Provided 24/7 immediate access to medical information without constraints

# Legal AX

Automating core issue extraction and ruling summarization via hybrid engines and advanced NLP minimizes legal bias and maximizes decision-making efficiency for legal professionals.



## Features

### Specialized Legal AI

- Supports legal interpretation and drafting via deep learning of Supreme Court data.

### Natural Language Legal Search

- Konan RAG-X enables real-time search across rulings, laws, and opinions.

### Multi-page Ruling Extraction

- Extracts and summarizes core issues and reasoning from lengthy rulings via NLP.

### Continuous Bias Monitoring

- Ensures objectivity and minimal bias through ongoing ethical evaluation.

## Use Cases

### Trial Support AI System



- Analyzes query intent to summarize vast legal data, drastically reducing search time
- Provides original sources alongside summaries to ensure high accuracy and reliability

### Next-Gen Criminal Justice System



- Integrates case information across agencies—prosecution, police, and coast guard—for real-time access
- Uses natural language instead of complex legal jargon to guide users through the entire legal process

# 03

## AI Appliance

- 1) Private AI PC, **Konan AIStation PRO**
- 2) Collaborative AI Server, **Konan AIStation ENT**
- 3) AI Interpretation, **Lingo-X**

# Private AI PC, Konan AIStation PRO

Konan AIStation PRO provides instant on-device AI for real-time writing, summarizing, and translation. It ensures a leak-proof private AI environment through complete network isolation.



## Features

### On-Device LLM

Built-in Konan LLM enables offline AI tasks without an internet connection.

### Local RAG & Vector Search

Konan RAG-X vectorizes local documents to deliver precise, fact-based answers.

### Robust Data Security

Air-gapped operations and privacy filters guarantee total data protection.

### Premium Performance

Intel 14th Gen CPU and NVIDIA RTX power complex LLM workloads with ease.



On-device AI PC 'Konan AIStation PRO' marks **Korea's first export to 8 countries** through Official Development Assistance (ODA) projects.

# Collaborative AI Server, Konan AIStation ENT

Konan AIStation ENT combines high-performance private infrastructure with enterprise-grade security, scaling seamlessly to maximize productivity through organization-wide collaboration.



## Features

### Enterprise Private LLM

On-device Konan LLM enables offline AI tasks—including document drafting, translation, and summarization—without an internet connection.

### AI & MLOps Platform

Konan LLM Studio enables admins to directly fine-tune, monitor, and deploy models.

### Multi-User Support

Supports up to 100 concurrent users with secure, per-user permission management.

### Integrated RAG & Vector Search

Konan RAG-X centralizes organizational data indexing to support RAG-based Q&A, summarization, and automated reporting.



Call summarization powered by Konan AIStation ENT



Supplying Konan AIStation ENT to enhance FIS (Food Industry Statistics Information)



Building next-gen cloud-based office PCs

# AI Interpretation, Lingo-X

Lingo-X is a real-time simultaneous interpretation AI that integrates high-quality speech recognition, machine translation, and natural chatbot technology. It enables seamless and convenient conversations with foreigners in your own native language.



Service Introduced at Seoul Myeongdong and 10 Other Stations



Lotte Department Store Jamsil: Korea's first to adopt 'AI Interpretation'



Launch of visualized consultation service 'Banking for Everyone'



Providing convenience services for international students

# 04

## AI Tech

- 1) Full Triple-Ops Suite, **AX Framework**
- 2) Planning to Execution, **Konan AI Agent**
- 3) AI Answers from All Data, **Konan RAG-X**
- 4) Vector Search with GenAI, **Konan Search**

# Full Triple-Ops Suite, AX Framework

Successful AI Transformation (AX) requires an integrated system encompassing operations, search, and agents. Konan Technology completes the entire AX journey within a single framework by supporting LLMOps, RAGOps, and AgentOps.



## LLMOps

Direct Model Lifecycle Management & Optimization

### Impact on Conversion

Minimized management overhead · Continuous expansion of AI scope · Guaranteed performance post-deployment

### Core Values

- No-code LLM Studio allows anyone to deploy or swap models with ease.
- Real-time Dashboards monitor GPU and performance metrics to detect anomalies instantly.
- On-premise Konan LLM offers a proprietary inference model for secure local deployment.

Zero Data Leakage

Continuous Improvement

Ready for Immediate Operation



## RAGOps

Precise and Stable Search-Based System Operations

### Impact on Conversion

Enhanced AI reliability · Automated document management · Seamless reuse of existing search infrastructure

### Core Values

- Proven Technology is built on Korea's No. 1 search engine expertise since 1999.
- Optimized Processing automates data collection and applies optimized chunking by document type.
- Modular RAG provides flexible component swapping and combination to fit any environment.

Stable Data Growth

High-Precision Answers

Rapid Deployment & Expansion



## AgentOps

Operation and Management of Autonomous Task Agents

### Impact on Conversion

Automation of repetitive tasks · Immediate response to agent failure · Reduced system integration costs

### Core Values

- Real-time Monitoring tracks execution, errors, and performance in real time.
- MCP Standard Integration connects Slack, Google Drive, and legacy systems instantly.
- Proven Track Record is based on over 40 successful real-world project deployments.

Complex Task Automation

Instant System Integration

Visualized Agent Performance

# Planning to Execution, **Konan AI Agent**

Konan AI Agent is an autonomous on-premise solution powered by advanced reasoning. It streamlines complex workflows through multi-agent collaboration and MCP integration, ensuring secure and rapid deployment with proven domain-specific expertise.



## Autonomous Agentic AI

Multi-agent collaboration and MCP integration enable the autonomous execution of complex tasks from data analysis to decision-making.

## Advanced Reasoning Model

The language model integrates general generation and reasoning to understand context precisely and produce logical high-quality responses.

## Complete On-premise

Full agent operations in air-gapped environments fundamentally prevent the leakage of sensitive information for public and corporate sectors.

## Domain-Specialized Agents

Tailored agents are built rapidly and accurately based on experience from over 40 projects in public, energy, defense, medical, and finance sectors.

# AI Answers from All Data, Konan RAG-X

Konan RAG-X, powered by advanced RAG technology, is a B2B AI platform that delivers answers based on comprehensive search results across internal documents, real-time websites, and customer-specific sources.



# Vector Search with GenAI, Konan Search

Konan Search maximizes productivity by providing high-precision answers through RAG technology, combining vector-based context understanding with Konan LLM.



Vector Search with GenAI,  
Konan Search

## Features

### Vector-Based Semantic Search

- Goes beyond simple keyword matching to understand context and meaning, delivering the optimal results users seek.

### Stable and Flexible System

- Ensures stability in high-traffic and TB-scale environments
- Maximizes efficiency via flexible scaling and auto-compression

### Optimized RAG with LLM Integration

- Deeply understands query context through RAG integrated with Konan LLM
- Generates accurate and grounded answers based on verified evidence

## Use Cases

### Job Portal

Provided a robust solution the 1st and 2nd largest online Job Portal in Korea



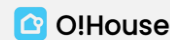
### Open Government Portal

2.3 billion document search engine in the information disclosure portal of the Ministry of the Interior and Safety



### Lifestyle E-commerce Search

Supports mobile commerce search traffic of 'O!House' with more than 20 million users operate



### Chat-Integrated Search

SK Hynix, Winner of the 2020 IDC DX Awards



# Thank you

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