

AGI

Gen AI

NO.1 Korean AI company

대한민국 인공지능 여기까지, Saltlux

AI

LMM

Big Data



Saltlux

COMPANY
Saltlux, Inc.

ESTABLISHMENT
Jun 1, 2000 (Merged with Mobico in 2003)

PRESIDENT
Tony Lee

HEADQUARTERS
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Songpa-gu, Seoul, 05510

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Mission statement

We empower global communication by enabling the free exchange of knowledge

Satlux is a company with sincerity based on a firm 'company mission' and core values.

Working
Honestly

Contribution
through
Innovation

Pursuit of
Happiness
and Growth

Communicating Knowledge

SALT Salt + LUX Light

Satlux is a combination of 'Salt' and 'Lux,' a title which reflects the corporate philosophy needed to fulfill its role as the salt and light of a new knowledge-based world. 'SALT' represents the inherent values of the company, while 'LUX' encapsulates the technical services the company provides.

We have accumulated various intellectual property rights over the past 24 years of research and development, recognition of which have been marked through various domestic and overseas certifications and awards. Based on these technologies, Satlux aims to advance AI technologies such as language, visual, sentiment and knowledge, converge and develop them into an ensemble AI platform in looking to aspire to and attain the world's best technology using next-generation AI that overcomes the limitations of current machine learning technology. With this, Satlux looks to be an 'AI company that accompanies the everyday lives of 100 million people' by expanding and advancing current national levels of big data platform technology to a global scale, and commercializing global data collection, early detection of signs of abnormality, and furthermore real-time augmented analytics technology that includes intelligent prediction.

In addition, Satlux has been growing through a variety of businesses, such as AI platform construction and big data platform construction to analyze unstructured data based on original technology for natural language processing, with a powerful determination to develop future original technologies to enable communication between individuals, people and machines, and machine to machine, under the mission 'to help everyone in the world communicate knowledge freely.' Satlux pursues not only success for its particular customers, but also a happier fulfilling life for society and humanity in general.

Satlux Inc.

Tony Lee, President

Satlux

What makes Saltlux different



*2024.3.14 35B or smaller model

NO.1



Number 1: As the largest AI provider in the world as well as number 1 in the domestic market

LUXIA, ranks first on the world wide open LLM leaderboard, is number 1 in the domestic search market with a 70% online shopping mall market share

LLM



With Luxia, Saltlux's LLM model, provides domain-specific generative AI services

20 billion+



Accumulated large-scale data of more than 20 billion cases, the largest in Asia

447+



One hundred and ten patent applications, 88 patent registrations, awards, certifications, etc.
Largest intellectual property rights holder in Korea

1 million+



One million corpus dictionary and **20,000** hours of voice data

ALL ROUND

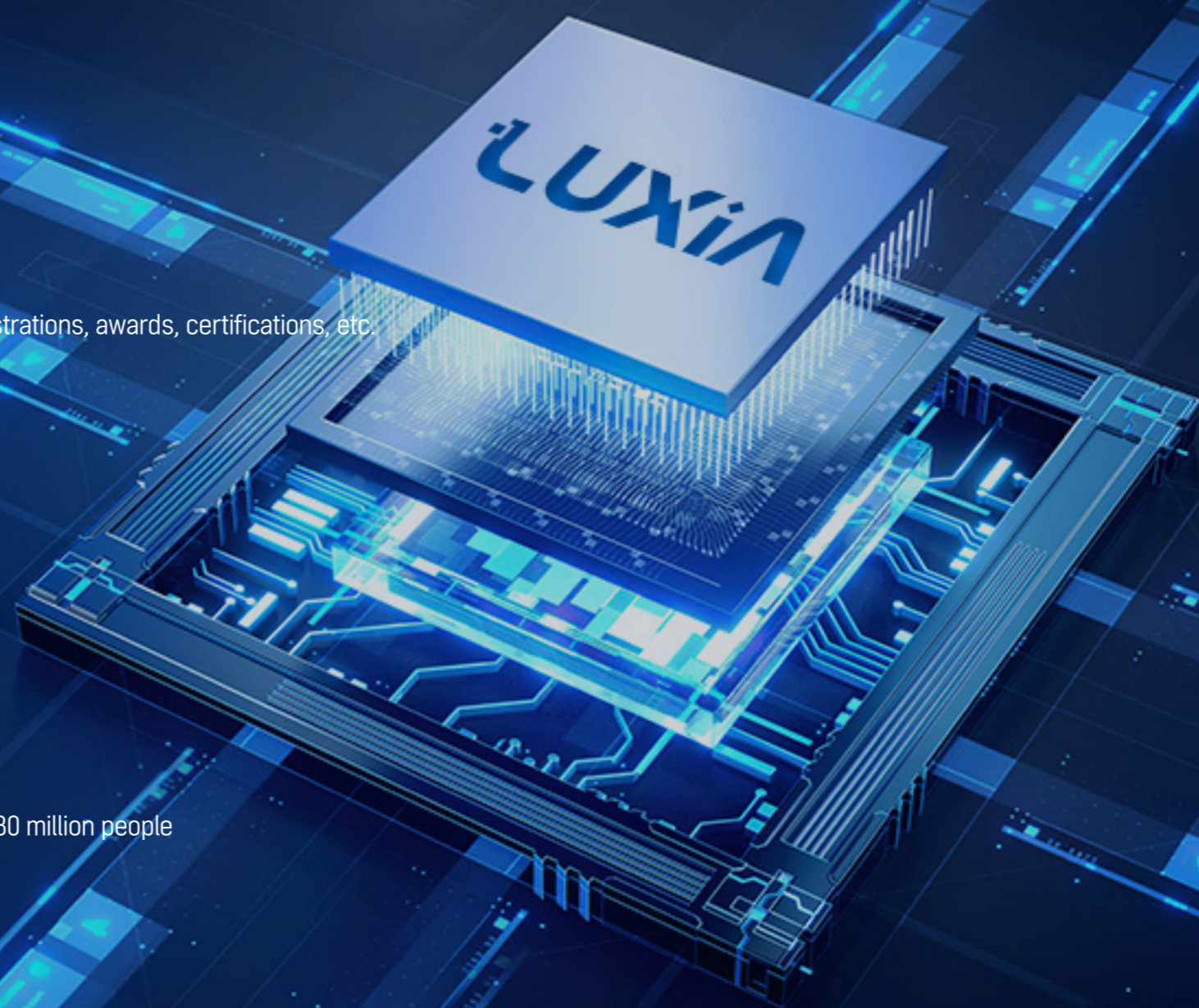


An AI company that provides all: Language, voice and visual services

EXPERT



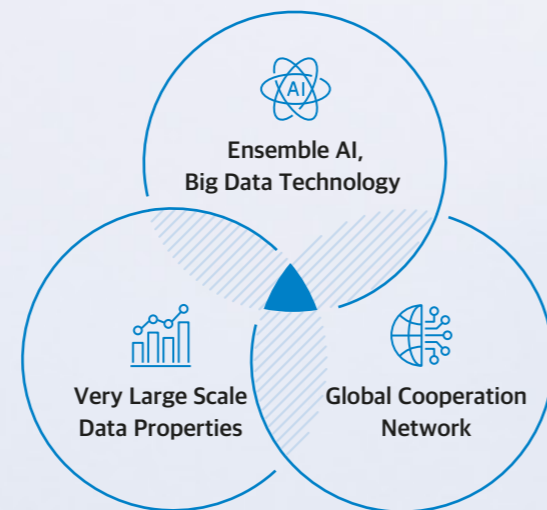
The largest AI construction experience in Korea
Products and technology used by 2,000 companies and 30 million people



The Global Leader in AI

WHY SALTUX ?

Saltlux has accumulated and accomplished assetization of large-scale data of more than 20 billion cases to establish the largest knowledge data in Asia, and created new markets and accomplished great achievements in overseas markets through constant introduction of innovative products and global cooperation.



A leading AI company in Korea, dedicated exclusively to AI and big data innovation

<p>~2024</p>	<p>07 US corporation launched 'Goover', a large AI search service</p> <p>06 Launched 'Luxia-on', the world's first generative AI appliance</p> <p>04 Moved the Head Office to 123 Olympic-ro 35-gil, Songpa-gu</p>	<p>2020</p> <p>11 Awarded the Grand Prize in the Enterprise category at the Korea AI Awards</p> <p>07 Listed on the KOSDAQ for the first time as an AI company</p>
<p>2023</p>	<p>11 Acquired NHN Diquest and secured status as the largest AI company in Korea</p> <p>06 Awarded the Minister of Science and ICT Prize at the Korea ImpaCT-ech Awards</p> <p>03 Unveiled 'Luxia', Korea's first large language model</p> <p>01 Received Innovation Awards in the Software and Mobile App category at CES 2023</p>	<p>2019</p> <p>06 Vietnam Office became a corporation Established Saltlux Technology</p> <p>02 Awarded the Top Prize in the IT Solutions category at the Korea SW Business Competitiveness Awards</p>
<p>2021</p>	<p>12 Established Ploonet, a subsidiary</p> <p>08 Awarded the Minister of Science and ICT Prize in the AI Korea</p> <p>04 Awarded in the IT Digital category at the National Industry Awards</p> <p>02 Awarded the Top Prize in the IT Solutions category at the Korea SW Business Competitiveness Awards</p> <p>02 Established Saltlux Ventures, a venture investment corporation</p>	<p>2018</p> <p>11 Received the Commissioner of the Korean Intellectual Property Office Award at the ICT Patent Management Awards</p> <p>09 Awarded a citation from the Minister of Science and ICT at the Korea ICT Innovation Awards</p> <p>04 Established a local corporation in the U.S.</p> <p>2015</p> <p>11 Awarded a citation from the Korea Software Industry Association at the ICT Innovation Awards</p> <p>2014</p> <p>12 Awarded a Special Prize at the Korea ICT Innovation Awards</p> <p>2013</p> <p>12 Received a Presidential Award and became a Certified Family-Friendly Company</p> <p>2010</p> <p>11 Awarded a Presidential Prize at the Korea Software Awards</p> <p>2005</p> <p>07 Changed the company name to Saltlux Inc.</p> <p>2003</p> <p>04 Merged Sysmeta Inc. with Mobico International</p> <p>2020</p> <p>10 Selected as 'September's Best Digital New Deal Company' by the Ministry of Science and ICT</p> <p>2000</p> <p>08 Established Sysmeta Inc.</p>

We envision a world where knowledge flows freely, connecting everyone everywhere



Major Work History

- Current** President of Saltlux, Inc.
 Vice Chairman of the Korea Software Industry Association
 Chairman of the Industrial Artificial Intelligence Standardization Forum of the Korean Agency for Technology and Standards
 Director of the Korea Testing Certification Institute
 Member of the Committee on Library and Information Policy
 Member of the New AI Industry Policy Committee of the Ministry of Trade, Industry and Energy
 Visiting Processor of College of AI Convergence at Dongguk University

- Past** Member of the Presidential Committee on the 4th Industrial Revolution
 Collaboration Professor of the Department of Computer Science, Hanyang University
 Member of the Open Data Strategy Council
 Chairman of the Artificial Intelligence Industry Association (prior to 22)
 General Member of the Digital Government Innovation Government TF
 General Manager of EXOBRAIN detailed task no. 2

Academic Background

- 2016~2016 Completed D-School, Stanford University
 1995~1997 MSc in Information Technology & Communications, Inha University
 1991~1995 BSc in Electronic Materials Engineering, Inha University

Major Awards

- Industrial Service Medal
 Data Guru Citation from the Ministry of Science, ICT and Future Planning
 Citation from the Ministry of Culture, Sports and Tourism
 Presidential Prize at the Korea Software Awards (3 times)
 More than 30 academic papers and books including 5 SCI papers
 Minister's Award at the Korea Software Awards
 Citation from the President for Family-Friendly Company

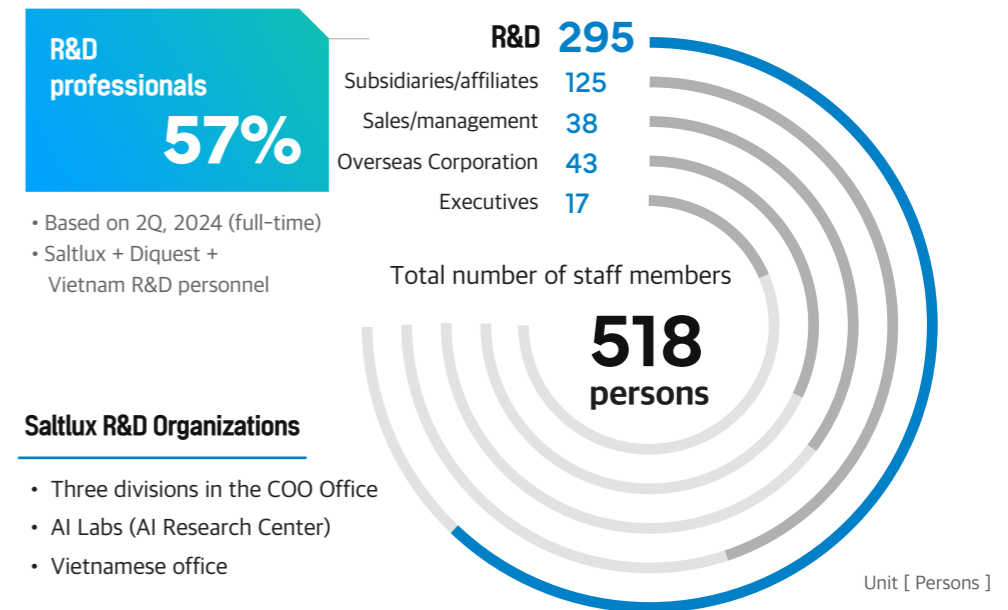


Tony Lee President of Saltlux, Inc.

We are a customer-focused organization driven by expertise and action

Personnel

Generative and interactive AI, big data analysis, omni-channel communication service, metahuman, etc.
57% of all executives and employees are R&D professionals



Saltlux R&D Organizations

- Three divisions in the COO Office
- AI Labs (AI Research Center)
- Vietnamese office

Saltlux Companies

<p>Natural language processing (NLP) specialist</p>	<p>Best generative AI service in Korea</p>	<p>Large AI search service</p>
<p>Vietnamese office</p>	<p>AI data and linguistic intelligence services</p>	<p>Venture investment to AI and big data industries</p>

Our top-class technologies are proven by the highest number of patents and awards in the industry

Saltlux proved itself to be the representative AI company in Korea as the largest intellectual property rights holder in Korea through more than 447 cases of patents, awards and certifications.



Awards



Certifications



Patents

One hundred and ten patent application patents, 88 patent registrations (3 U.S. patent applications)



Numerous clients have already chosen Saltlux

With 24 years of unrivaled technology and experience, Saltlux has provided clients with innovations and opportunities suitable for the AI era.



And more than 800 other organizations

BUSINESS

The followings are business areas of Saltlux
that offers innovation with better results that exceed expectations.

- 01 ——— A Large Artificial Intelligence
- 02 ——— Enterprise AI
- 03 ——— Intelligent Financial Service
- 04 ——— Enterprise AI
- 05 ——— AI Contact Center (AICC)
- 06 ——— Public Safety and National Defense
- 07 ——— Development and Modeling of AI Learning Data
- 08 ——— Cloud-based Generative AI

A Large Artificial Intelligence



AI Innovation with Global No.1 LLM 'LUXIA'

- #LLM
- #generative AI
- #AI search
- #hyper-personalization
- #on-premise AI
- #AI agent

A large artificial intelligence solves customers' complex data problems based on Saltlux's innovative AI technology and leads digital innovation across various industries. Saltlux directly developed 'LUXIA,' the No.1 LLM in 35B or smaller Hugging Face leaderboard, and based on that, provide support through generative AI appliance 'LUXIA-ON' that can establish Chat GPT customized for an enterprise in an on-premise environment in order to apply generative AI to clients' businesses so that clients can secure future competitiveness.



01 AI search and personalization recommendations

Analyzes customers' tastes and behaviors using a large AI model and provides customized search results and personalized recommendations



02 Business Intelligence and Automation

Automatically processes repetitive work and provides accurate insight during complex decision-making processes based on large AI-based solutions, thereby helping companies reduce operating costs and improve productivity.



03 Big data collection and analysis

Supports decision-making by processing and analyzing a variety of multi-modal data using the LLM analysis method in addition to existing analysis techniques for the collection/analysis of massive data


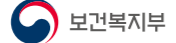
04 Customized Content Generation

Provides customized content by analyzing vast amounts of data and identifying user characteristics, thereby reducing costs and maximizing working efficiency.



05 Intelligent AICC

Can answer a wide variety of customers' questions, dramatically improve interaction with customers through responses in multiple languages and analyze and summarize data of consultation details in real-time by interlocking to LLM.

06 AI Agent

Identifies and responds to customer demands in real-time, and automates customer responses and internal support

Enterprise AI



Businesses quickly address consumer issues and grow into super-gap enterprises through innovation growth.

- #AICC
- #AI search
- #personalized recommendation
- #sentiment analysis
- #big data
- #market analysis

Saltlux's enterprise AI solutions accompany businesses on their journey to quickly address consumer issues and grow into super-gap enterprises. In addition, Saltlux provides optimal solutions to various domestic and overseas companies through world-class interactive AI technology and big data augmented analytics original technology, hybrid cloud responses and large-scale parallel distributed systems, and supports customers' digital and AI conversions based on experience and technology.



01 Customer service (AICC)

The AI Call Center (AICC) and chatbots available 24/7 for consultation about products and services and responses to customer complaints.



02 AI search and personalization recommendations

AI search and recommendation engines for enterprise solutions, such as groupware, document centralization, knowledge management systems within the enterprise and customer services such as online shopping malls.



03 Big data collection and analysis

Enterprise strategic decision making is supported by collecting, converting, integrating and analyzing data in various formats from the deep web and legacies.



04 Intelligent business (recruitment, personnel management, translation, etc.)

Intelligent business, including recruitment, personnel management, translation, etc., to save companies' operation costs and improve working efficiency through AI technologies.



05 Market research and competitor analysis

Predicts, investigates and analyzes the market and competitor trends for new product and business planning, customer response and risk management.

06 Customer voice and sentiment analysis

Collects and analyzes customer opinions from various channels and understands the reputation and sentiment of customers and markets.

Digital Platform Government

A project to implement the world's best digital platform government, one that brings together the people and the government



- #AICC
- #AI search
- #personalized recommendation
- #voice recognition
- #big data
- #digital new deal

From the Public Secretary service, which is used by more than 20 million people, to the national-level big data platform, the Presidential Archives, the Constitutional Court, the Ministry of Government Legislation, and the National Assembly, Saltlux has worked on a variety of projects with the central government, its affiliates, and local governments since the advent of e-government. With more than 200 different large-scale national projects, Saltlux has emerged as a top AI company that leads the platformization and intellectualization of Korea, based on its industry-leading technology and proven business performance. Saltlux will participate in the implementation of the "world's greatest digital platform government" that connects the government and its citizens through big data and AI technologies.

01

Standardized AI civil service platform



24/7 civil service chatbot for civil service consultation, reception and response of government offices

02

Administrative information retrieval and personalization services



Services that find the information desired by civil petitioners and managers from among the voluminous administrative information and provides customized information

03

Public big data analysis platform



An LOD platform that refines and provides collected data for the general public in order to revitalize the industrial ecosystem and strengthen national industrial competitiveness

04

Public data open platform



AI search and recommendation engines for enterprise solutions, such as groupware, document centralization, knowledge management systems within the enterprise and customer services such as online shopping malls.

05

Intelligent administrative work



Improvement in administrative efficiency through automation and intellectualization of repetitive administrative work, such as statistics, business reports and data entry

06

Public opinion analysis

Sentiment analysis of collected public opinions based on AI

Intelligent Financial Service

AI transition business of the financial industry that goes beyond the digital transformation



- #AICC
- #AI telemarketing
- #AI credit evaluation
- #Intelligent knowledge management
- #Misselling monitoring
- #in-depth QA

For the past 20 years, Saltlux has offered big data analysis and AI technologies to major domestic financial and securities service companies. We have provided a variety of AI solutions to innovate existing tasks and infrastructure. This includes chatbots and callbots for intelligentization of financial institution customer centers (AICC), large-scale data analysis system for financial knowledge management and decision-making, as well as borrower bankruptcy and insolvent debtor prediction to prevent corporate risk. With such extensive expertise, Saltlux is regarded as a highly trustworthy business partner for financial and securities organizations undergoing digital and AI transformation.

01

AI consultation for financial clients

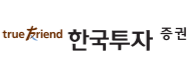

24/7 AI call center (AICC) and chatbot for consultation about products and services and responses to customer complaints.

02

AI telemarketing and happy calls

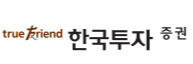

AI call services to support sales of various financial products, such as insurance companies, security companies and banks, and identify and analyze satisfaction levels within customers who bought products.

03

Product information intelligence and Q&A



Services to easily find products that customers want and respond to inquiries about the products through AI technologies

04

Intelligent knowledge management systems



Knowledge graph based financial knowledge management systems to process and provide scattered financial information for integrated management and utilization

05

Misselling monitoring


Systems to prevent selling financial goods without properly giving mandatory notices or informing regarding investment risks through AI technologies

06

AI credit rating and risk analysis

AI credit rating and customer analysis solutions specialized in risk management, such as borrower bankruptcy and enterprise risk management



AI Contact Center (AICC)

Business to provide fast and accurate information to customers and optimal work environments for CS representatives

- #agent support
- #AI telemarketing
- #AI happy call
- #in-depth QA
- #Misselling monitoring
- #consultation quality evaluation

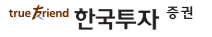

By automating client questions and requests through multiple consultation channels, including calls, live chat, and KakaoTalk, and supporting agents' operations with AI, Saltlux's AI customer contact business contributes to the enhancement of customer loyalty and maximizing brand value beyond cost savings.

Work with Saltlux to develop contact centers for the future that addresses misselling, compliance issues, agent management, and quality evaluation in addition to customer service innovation.

01

AI customer reception



Inbound and outbound through callbots and chatbots
24/7 AI customer consultation and automatic responses

02

Agent support system

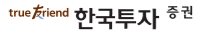

Optimal information and response recommendation services based on conversations between customer and agents through real-time voice recognition and understanding of natural language

03

AI telemarketing and happy calls



Sales support such as personalized product recommendation through outbound callbot and customer satisfaction and prevention of service risks through happy calls such as the confirmation of contracts and subscriptions

04

Knowledge graph based in-depth Q&A



In-depth Q&A with 99.9% accuracy based on understanding of the meaning of questions and inference through the application of AI technologies

05

AI-powered misselling monitoring



Early detection and prevention of omissions of essential information, such as mandatory notices or informing of investment risks, or incorrect information

06

Consultation quality evaluation

Provides analysis of consultation content through voice and text recognition, automatic evaluation of consultation quality of each agent and contribute to management and improvement of work capacity

Public Safety and National Defense

Business centered on the safety of the Korean people and national defense



- #intelligent decision-making
- #multi-source information
- #business intelligence
- #data collection
- #data analysis
- #investigation support

Saltlux has played an important role in large-scale defense projects and public safety sectors for more than 10 years, and has now become a key partner for intelligentization beyond digital transformation in these fields. We have participated in defense information intelligence projects, such as large-scale defense projects (TICN and C4I projects), knowledge base construction and inference of battlefield information, information integration for cyber safety and early detection of risks, multi-source information integration and intelligent analysis. Saltlux will go beyond AI technologies and big data analysis R&D for the safety of the Korean people and prosperity of the nation and fulfill its responsibilities and obligations as a citizen of Korea.

01

Support intelligent decision-making


Establishes a system to support decision-making by integrating large-scale defense information and battlefield information into a knowledge base and analyzes various intelligence, sensor information and behavior patterns

02

Collection, integration and analysis of multi-source information


Supports important decision-making related to defense and safety by integrating various data and intelligence collected from a wide variety of sources and providing structured and unstructured convergence big data analysis systems.



03

Intelligent administrative work


Provides services for automated and intelligent repetitive administrative work, such as statistics, business reports and data entry to improve administrative efficiency



04

Crime data and analytics system


Establishes a scientific crime analytics system for preemptive prevention and control of crime and an analytics system such as graph data-based intelligent crime analysis and location-based crime prediction and control



05

Investigation support chatbot

Provides crime counseling and information provision chatbot services to quickly provide information on legal support to victims of crime and support for drawing up reports and the reporting of crime









Development and Modeling of AI Data

Business to create infinite value of data through data intelligence

#data collection #annotation #in-depth QA #knowledge graph #ontology #corpus building

Data collection, integration, conversion into training data, and quality control account for more than 60% of the expenditures associated with developing machine learning-based AI systems and services.

The quantity and quality of training data, as well as the accuracy of categorization and tagging, have a significant impact on the performance and quality of AI models. In order to reduce costs and boost quality simultaneously, it is crucial to protect technologies, processes, and procedures. From natural language processing, voice recognition and various image recognition, including face-to-medical and biotechnology fields, Saltlux has been conducting large-scale learning data building and machine learning model optimization.

<p>01</p> <p>Collection and purification of web/social data</p> <p>Collection, extraction and real-time analytics of millions of data a day from thousands of web/social data sources</p> 	<p>02</p> <p>Voice recognition/synthetic data</p> <p>Building data for voice recognition and synthesis by region, gender and age in more than 20 languages</p> 
<p>03</p> <p>Video/image data annotation</p> <p>DNN-based image and video recognition services and high-quality annotation for realization of autonomous vehicles</p> 	<p>04</p> <p>Natural language processing corpus</p> <p>Large-scale high-quality multilingual corpus for in-depth natural language processing and understanding of meaning</p> 
<p>05</p> <p>Learning data for sentiment analysis</p> <p>Learning data to generate sentiment analysis models from social, customer consultation and civil complaints data</p> 	<p>06</p> <p>Collection, conversion, and integration of open data</p> <p>Collection, conversion, integration and LOD publishing of open data including public data</p> 







Cloud-based Generative AI

Cloud service and infrastructure-based generative AI service construction business

#cloud #AWS #Azure #Generative AI #large language model #AlaaS

Saltlux, the first company to develop the large language model (LLM) in Korea, not only has unique generative AI and artificial intelligence technologies, but also has strategic partnerships with AWS and NHN Cloud. Thereby, Saltlux supports prompt and safe construction of generative AI and artificial intelligence services in a cloud environment.

Saltlux creates unique values for its all corporate and individual customers by combining its accumulated technologies and know-how in constructing innovative solutions using generative AI technologies.

<p>01</p> <p>AI search and personalization recommendations</p> <p>AI search and recommendation engines for enterprise solutions, such as groupware, document centralization, knowledge management systems within the enterprise and customer services such as online shopping malls.</p> 	<p>02</p> <p>Customer service (AICC)</p> <p>The AI Call Center (AICC) and chatbots available 24/7 for consultation about products and services and responses to customer complaints.</p> 
<p>03</p> <p>Big data collection and analysis</p> <p>Enterprise strategic decision making is supported by collecting, converting, integrating and analyzing data in various formats from the deep web and legacies.</p> 	<p>04</p> <p>Product information intelligence and Q&A</p> <p>Services to easily find products customers want and respond to inquiries about the products through AI technologies</p> 
<p>05</p> <p>Intelligent business (recruitment, personnel management, translation, etc.)</p> <p>Intelligent business, including recruitment, personnel management, translation, etc., to save enterprise operation costs and improve work efficiency through AI technologies</p> 	<p>06</p> <p>Legal and patent, research intellectualization</p> <p>Construction of AI learning data reflecting the characteristics of professional fields, including laws, patents and research, and the provision of customized AI models</p> 

PRODUCTS

Find various products of Saltlux,
the leader in artificial intelligence in Korea.

- 01 ————— LUXIA Platform
- 02 ————— LUXIA-ON
- 03 ————— GOOVER Enterprise
- 04 ————— SEARCH X LUXIA GPT
- 05 ————— TALKBOT STUDIO
- 06 ————— LANGUAGE STUDIO
- 07 ————— VOICE STUDIO
- 08 ————— VISION STUDIO
- 09 ————— SCRAPING STUDIO
- 10 ————— INSIGHT STUDIO
- 11 ————— KNOWLEDGE STUDIO
- 12 ————— METAHUMAN STUDIO

LUXIA PLATFORM




LUXIA 2, large AI that goes beyond innovation

LUXIA 2 is a product that offers LUXIA, the No.1 open LLM leaderboard in the world, and tools and environment for learning/services. Combining advanced Korean/English cross lingual embedding, multi-modal data processing capacity and individualized customized services, LUXIA 2 provides a perfect solution for complex customer demands. Experience the future of large AI together with LUXIA 2 now.

- #Generative AI
- #LLMs
- #RAG
- #AI search
- #minimizing hallucinations
- #internal information security

What makes LUXIA so special?

- Problem self-solving ability**
Able to provide high-quality answers through proactive search strategies and self-examination
- Even identifies hidden intentions**
Multi-modal to go beyond the surface and identify tacit meanings
- Thinks and learns like a human**
Maintains high quality through knowledge graph-based editing
- Hyper-personalized models** that know me better than I know myself
Constructs a personalized model and reflects user preferences through user pattern analyses



Global Open LLM Leaderboard No.1

*2024.3.14
35B or smaller model

Core Technology

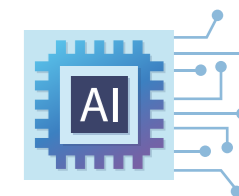


- Proactive search strategy and self-examination function**
Provides proactive search strategies and self-examination technology to ensure high quality of answers
- Grasping tacit meanings and various content**
Can grasp tacit potential meanings based on configurations and relationships of objects, and understand various content, such as figures and charts, in documents and link them to the text
- Neuro-Symbolic technology to think like a human**
Assures stability by easy learning of new knowledge and selective forgetting of sensitive or erroneous knowledge based on knowledge graphs
- Constructs personalized models and reflects user preferences**
Able to configure personalized models through use pattern analyses and carry out self-learning according to user preferences

Reference

<p>Advancement of configuration management Building a customized language model for the Korea Hydro & Nuclear Power</p> 	<p>Consultation summary system Building a consultation summary system for Meritz Fire & Marine</p> 	<p>Patent examination support AI-based patent examination support</p> 
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LUXIA-ON



Easiest way to introduce generative AI! Launched 'Luxia-on',

LUXIA-ON is the world's first generative AI appliance equipped with LUXIA, Saltlux's LLM, by default. Anyone can introduce this generative AI at an innovative cost, and it can be used immediately by simply turning on the power without an AI professional.

- #generative AI appliance
- #LUXIA GPT
- #LLM
- #RAG
- #No-code
- #low cost of introduction
- #mounted generative AI

Distinction of LUXIA-ON

<p>Equipped with LUXIA by default</p> <ul style="list-style-type: none"> Equipped with Saltlux's LUXIA, the No.1 open LLM leaderboard in the world Provides an advanced chatting interface Q&A, generation of different sentences, business support and common sense Document (upload)-based Q&A Linkages with file management systems 	<p>Provides a variety of API sets</p> <ul style="list-style-type: none"> Provides a set of APIs that handle the entirety of functions of the appliance Indexing (separate/whole), lists Search (keyword/vector/ensemble) Linkage with Open AI API LLM hyperparameter settings 	<p>RAG using vector search</p> <ul style="list-style-type: none"> Retrieval Augmented Generation Processes refer to a trustworthy knowledge base Extracts knowledge from uploaded documents and links LLM answers Manages documents in linkages to the file management systems
<p>Web-based management tool</p> <ul style="list-style-type: none"> Various management systems (permissions) can be established System status monitoring and warnings Real-time GPU monitoring File management systems installed 	<p>Professional consulting and development support</p> <ul style="list-style-type: none"> Creates business-specific models Professional fine tuning prepared by a prompt engineering team Pre-training/fine tuning are possible without GPU servers 	<p>Support for unlimited expansion (Scale Out)</p> <ul style="list-style-type: none"> Flexibly responds to increases in the number of users or storage additions Scale out with just simple settings

LUXIA-ON Hardware Information

*This product image may not be an exact representation of the actual product.

<p>Workstation</p> <p>Small-scale users General enterprises, schools, research institutes, consulting firms with not more than 100 users, etc.</p> 	<p>Server</p> <p>Medium-scale users Research institutes, manufacturers, small businesses with not more than 300 users</p> 	<p>Enterprise</p> <p>Enterprise users Application to entire enterprises, call center LLM, ChatBot-related response, etc., with more than 300 users</p> 
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USE CASE

<p>01 Automates customer services Implements my own ChatBot easily</p>	<p>02 Summary and analysis of documents Possible to summarize and analyze documents or data</p>	<p>03 Automatic language translation Two-way translation support for Korean and English</p>
<p>04 Training and learning support Answers questions or creates learning materials</p>	<p>05 Creates and produces content Creates advertising copies and reports, etc.</p>	<p>06 Individualized recommendation system Analyzes tastes and behaviors and recommends services</p>

goover Enterprise



Search experience innovated with AI, and AI search and in-depth report generation at once!

In addition to innovative search experiences, it updates necessary information every day and even creates customized in-depth reports. Meet GOOVER Enterprise, a generative AI-based research service that can reduce costs and time by maximizing working efficiency.

- #interactive search
- #deep search
- #executive summary
- #report generation
- #personalized curation

Distinction of GOOVER Enterprise

- Builds a business-customized system** through minimum development
- Customized curation** Provides integrated and individualized information
- Briefing page** Provides active and in-depth interests
- Insight reports** Creates customized reports automatically
- Social briefing** Cooperates with users through sharing and subscription

Core Technology



- Deep Web Scraping & Vector Indexing**
Personalized recommendation GraphRAG and knowledge grounding are supported through deep web data collection and parallel vector integration technology on a global scale.
- Connectome & Maven LLM**
Goover's Maven LLM is designed to handle domain-specific knowledge beyond the bounds of typical LLMs.
- Graph RAG & Anti-Hallucination**
Goover's anti-hallucination function is accomplished by referencing facts and knowledge and tracking the documents to be referred to and minimizing the risk of incorrect or misleading information.

USE CASE

- 01 Financial investment analysis**
Provides information on important market trends in real time and insights required for making decisions based on proven sources
- 02 Analysis reporting**
Solves the complexity and time consumption of information collection and investigation and recommends contextual information to provide efficient analysis and reporting
- 03 Issue detection and reporting support**
Identifies new trends and major issues in real-time to gain information quickly and drafts news articles to support timely reporting
- 04 Trend analysis**
Improves adaptability through early signaling and briefing in response to rapidly changing markets
- 05 Learning and research assistance**
Assists learning activities to help researchers focus on their analysis and interpretation through subject tracking, curation, and reporting automation
- 06 Interest sharing**
Reflects individual tastes through interactions and forms a community with other users to share interests and hobbies

SEARCH STUDIO x LUXIA



Finds only desired information more accurately and more intelligently through LLM-based cognitive search

SEARCH STUDIO offers a cognitive search function, from sentence vector-based context searches to answer searches through MRC and NLU meaning searches, differentiated from existing keyword-based searches. With links to LUXIA, the No.1 open LLM leaderboard in the world, it enables natural language-based AI cognitive searches that identify search intentions and provide only accurate information.

- #cognitive search
- #meaning-based search
- #similar sentence search
- #trend search
- #personalized search
- #big data search

What makes SEARCH Studio x LUXIA so special?

- Answers searches** to inform with only the information you're actually seeking
- Contextual searches** to provide optimal results through LLM-based similarity analysis
- Easy-to-use efficient management tools**
- Intention searches** to provide accurate answers even to technical domain questions through search word analysis
- Interactive searches** that can provide interactive consecutive answers based on documents searched with a generative model

Core Technology



- Differentiated cognitive searches**
Intelligent searches that accurately identify questions intentions and provides search results
- LLM search**
Intelligent searches by active Learning-based LLM that becomes more intelligent through continuous learning
- Large indexing and distributed processing**
Search with enhanced cloud-based availability, scalability, and ease of use

Reference

- AI search system**
User-centered intelligent legal information AI search system
- International economic information**
Provides customized information necessary for overseas expansion through AI
- Knowledge management system**
Constructs an intelligent knowledge search system and establishes a safety regulation data GPT model

TALKBOT STUDIO



15 million subscribers! Production platform of Korea's representative chatbot, Guppy

TALKBOT STUDIO is a conversation platform that contains the conversation processing technology of Saltlux accumulated over more than 20 years and enables easy creation of smart chatbots that can understand customers' intentions and provide optimal answers using simple clicks without any professional knowledge in programming. It can be used widely in any field that requires knowledge-based customer services, such as finance, telecommunications/broadcasting, law/patent, medicine, shopping/travel and public and private sectors, as well as virtual consultations.

- #administrative civil service consultation
- #financial counseling
- #remote marketing
- #Medical counseling and booking
- #educational counseling and tutoring
- #Large call center for consultation

What makes TALKBOT Studio so special?


- Easy design and expansion of conversations with proprietary Bot builder
- Cluster/Cloud based Large-scale customer reception
- Outstanding understanding and categorization based on deep learning
- Ensemble technology applications Flexible answers
- Multi-channels simultaneously supported

Core Technology



- Natural Language Understanding (NLU)**
Machine learning/deep learning-based language analysis engine to identify the exact intent of conversations
- Large-scale customer reception real-time platform**
Reliable cluster-based large-scale chatbot services
- Convergence ensemble AI in QA technologies**
Finds and offers the most appropriate answer to each and every question

Reference

<p>National secretary Guppy Constructed first government-wide integrated civil affairs chatbot</p> 	<p>AI Callbot Constructed a first third-generation AI callbot in the financial sector</p> 	<p>Portal chatbots Hyundai AutoEver portal customer response chatbots</p> 
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LANGUAGE STUDIO



Customized language model platform essential for various AI services

LANGUAGE STUDIO reduces complex coding and considers user convenience enabling users to construct a language model like ChatGPT specialized for each particular domain. LANGUAGE STUDIO provides key features for text service implementation, from the development of learning models to their deployment and management. Creates personalized language models suitable for various fields such as finance, legal, public private institutions.

- #large language model
- #Large-capacity language analysis
- #intent categorization
- #emotion/sentiment analysis
- #Learning data construction
- #similarity analysis

What makes LANGUAGE Studio so special?

- Deep learning based High quality natural language processing
- Domain application Easiness
- GUI-based language models Direct creation and construction
- 6 specialized Transfer learning models

Core Technology



- Deep learning model-based pre-training**
Creates models through pre-trained jargon using large-scale main learning data and uses it to process various natural languages
- Fine-tuning and transfer learning possible**
Learns a variety of tasks (text categorization, sentence embedding, named entity recognition, morpheme analysis), evaluates quality of models and provides an optimal model of outstanding performance through transfer learning based on customers' pre-training models

Reference

<p>KMS analysis and knowledge-to-data Samsung Electronics MOSAIC, a collective intelligence platform</p> 	<p>Safety ChatGPT Seoul Metro safety-related legal, company regulations, manual Q&A system</p> 	<p>News analysis system Advancement of the Korea Press Foundation's content analysis system</p> 
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VOICE STUDIO



Can recognize your voice effectively and talk in various 'real' human-like voices

VOICE STUDIO is a high-quality voice recognition and voice synthesis generative AI product that can be used across a variety of voice-based businesses. Accurate voice recognition and human-like natural voice synthesis enables smooth communication between humans and AI. Equipped with a default model with over 10,000 hours of learning, VOICE STUDIO provides high-quality voice recognition and synthesis services from only small amounts of domain data learning.

- #expansion of AI consultation
- #automatic subtitle
- #voice-based virtual secretary
- #voice search
- #AI voice recording
- #AI human

Distinction of VOICE Studio

- A 95.6% voice recognition rate and natural synthesis
- Real-time streaming Voice recognition
- 5-minutes of voice data per second Speaker identification
- Transfer learning-based voice synthesis
- One-click integration Management tool

Core Technology

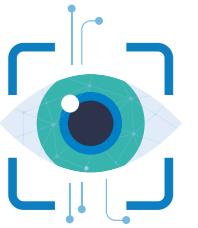


- Real-time voice recognition boasting 95.6% accuracy**
Can be used for various real-time voice services based on voice interface, and faster and more accurate voice recognition is possible through end-to-end integrated learning
- Voice synthesis that creates a 'real' human-like voice**
Creates human voice artificially using voice models that have learned texts, and high-quality voice synthesis is possible even with only small amount of data through end-to-end transfer learning

Reference

<p>AI voice recognition National Assembly Internet broadcasting AI live meeting subtitle system</p> 	<p>AI integrated call center Improvement in consultation efficiency by providing civil complaint information to agents and collecting civil complaint information</p> 	<p>Outbound AI voice bot Automatic operation using call center outbound AI voice bot</p> 
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VISION STUDIO



The AI eye! It can recognize you even in the crowd

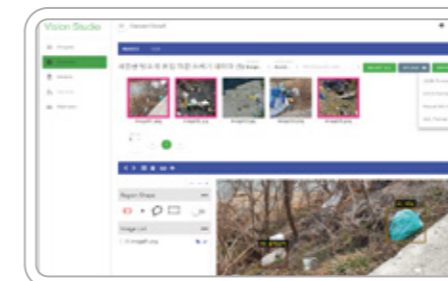
By giving AI a sense of vision, you can now allow it to spot what you're looking for in pictures and videos. The sophisticated AI visual model will be your eyes in desired various fields of service, such as industrial sites, medicine, education, retail, autonomous driving, and security. VISION Studio provides high-quality object, face, gesture, vehicle and text recognition services with labeling tools where labeling and management of image data are integrated and continuous generation of datasets and advancement of models takes place.

- #face recognition
- #image analysis/categorization
- #image analysis
- #visual data mining
- #object detection
- #robot vision

Distinction of VISION Studio




- Data generation to models One-stop services
- Model prediction Automatic labeling
- Best model for Asian faces with high recognition rate
- Close to real-time Recognition speed
- through transfer learning Fast model creation

Core Technology



- Extraction and identification of entities in 3D Point Cloud
- Extraction and identification of objects from images
- Extraction of people's face from images and age/gender identification
- Optical character recognition to detect and recognize characters in images/documents

Reference

<p>3D object recognition Construction of 3D image data and development of AI models for Korean cities</p> 	<p>Image recognition, analysis Development of lung cancer patient PET/CT imaging diagnostic image analysis and lung cancer prognosis prediction service models</p> 	<p>AI sign language translation solutions Development of AI sign language translation solutions for realistic industry maintenance training content</p> 
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SCRAPING STUDIO



It can collect any data that you require.

SCRAPING STUDIO is a proven powerful big data collection solution designed to collect vast amounts of data from the web in real-time, analyze information on various industrial sectors and deduce insights. High-quality data can be collected without geolocation or language constraints.

- #DeepWeb collection
- #social data collection
- #VOC collection
- #market and trend analysis
- #quality control of collected data

Distinction of SCRAPING Studio

- Hyperscale**
Data collection architecture
- Deep web, social data**
Automatic collection
- Scenario-based**
Data collection and structurization
- Collected data**
quality verification
- Data collection using**
user devices

Core Technology



- **Can collect various big data**
Collection technology that covers general web to deep web, documents to multimedia
- **Deep web scraping**
Data collection and quality verification based on user's dynamic events
- **Automation of collection quality control**
Accurate answers and grounds are provided through reasoning by converting structured data into knowledge graphs
- **Large-scale hybrid data collection**
Three infrastructure options and issue response systems that are customized for user environment

Reference

- AI fishing ground space information platform**
Development of large multi-modal models (LMM) algorithms and engines
- External data collection**
large global multichannel Data collection
- External data collection**
Collects and provides product information and financial information to achieve market competitiveness

INSIGHT STUDIO



We will find the hidden meanings in data

Do you understand the relationship and meaning of the numerous data that builds up every day? INSIGHT STUDIO analyzes, summarizes and provides necessary information from a large amount of collected unstructured data in real-time.

- #big data analysis
- #text mining
- #VOC analysis
- #associative analysis
- #keyword analysis

What makes INSIGHT Studio so special?

- High quality natural language processing**
- Large-scale data processing**
- Powerful text mining**
- Real-time analytics service**
- Multidimensional analysis and visualization of information**

Core Technology

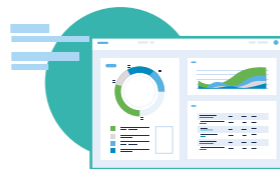


- **Analysis of accumulated customer data to provide valuable insights**
Identifies data characteristics and association of meanings for external unstructured data and analyzes them to discover hidden knowledge and add value to it to help customers make the best decisions
- Equipped with power text mining function
- High-quality morpheme analysis
- High-performance parsing
- Machine learning- and in-depth learning-based entity recognition
- Machine learning-based reputation (sentiment) extraction
- Hybrid-based automatic information categorization
- High-quality automatic information crowding

Reference

- Consultation big data analysis**
Analysis on SI consultation data. Increase in customer satisfaction after consultations
- News big data analysis**
Construction of BIGKinds, a platform for large news data
- AI fishing ground space information platform**
Development of large multi-modal models (LMM) algorithms and engines

KNOWLEDGE STUDIO



All known knowledge is connected and reborn as valuable data.

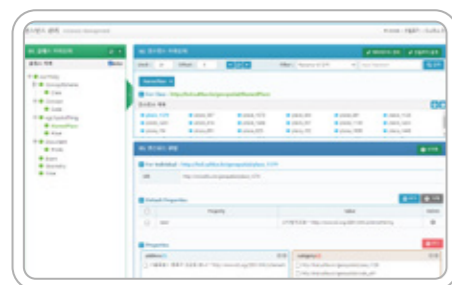
KNOWLEDGE STUDIO is a studio for effectively constructing and managing knowledge inside your business and company. Making semantically connected asset data more usable for consumers' objectives will increase the value of data. It is a product that generates, manages and conducts intelligent analysis of knowledge graph data and provides knowledge extraction, knowledge conversion, data integration and large-capacity inference features.

- #risk management
- #content recommendation
- #Knowledge management
- #in-depth Q&A
- #opening of data
- #knowledge engineering

What makes KNOWLEDGE Studio so special?

- Asia's first conversion and commercialization of AI and Graph DB technologies
- Proven super-capacity Graph data processing
- Easy and convenient knowledge extraction function embedded
- Powerful inference engine Embedded
- The largest reference in Korea Possession

Core Technology

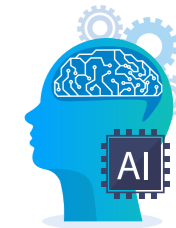


- Automatic extraction, transformation, and integration of graph data from structured/unstructured documents
- Knowledge extraction based on graph neural networks
- Super-capacity graph data storage/management and high-speed query processing engine
- Real-time reflection and analysis of collected/changed knowledge
- Optimized analysis and real-time answers through knowledge-based in-depth Q&A and NLU

Reference

<p>Integrated data management Integrated platform with graph data Intelligent KMS system</p>	<p>Product knowledge platform Platform providing financial product information</p>	<p>Intelligent legal searches Intelligent legal search system where anyone can easily search legal information</p>
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METAHUMAN STUDIO



AI-powered metahuman production service

#2D Real-Human, #2.5D Cartoony, #3D Hyper-Human - Saltlux's metahuman will provide you with an amazing experience in a figure that you choose. From great lectures and YouTube broadcasting presentations and attractive models for advertising, create your own metahuman who can work anywhere in the world without the restrictions of time or space.

- #customer consultation
- #metaverse
- #AI advertising model
- #receptionist
- #virtual trainer
- #CS service
- #curator

What makes METAHUMAN Studio so special?

- By user needs Metahuman creation
- Real-time interaction service(2.5D / 3D)
- Can be generated using minimum video/voice data(2D)
- Server rendering that does not need a dedicated app
- Convenient video editing tools

Core Technology

Active interaction

Multi-modal Situation recognition

2D/2.5D/3D metahuman based on AI PERSONA beyond a simple interactive AI and conveys the intention of a user that can work online, offline and metaverse without restrictions in space

Language/conversation interresponse

Emotional interresponse

Spatial/object interresponse

Visual and language knowledge

Voice/acoustic knowledge

Metahuman Ji-ah Han

USE CASE

<p>01 Customer counselor for quick and easy customer guidance</p>	<p>02 Smart kiosk that assists and manages store operations</p>	<p>03 Reception desk to help users check-in and guide visitors</p>
<p>04 Content curator that provides convenient and accurate information</p>	<p>05 Learning assistant that helps provide systematic education</p>	<p>06 Intelligent NPC to support service operations within metaverse</p>

SALTLUX COMPANY

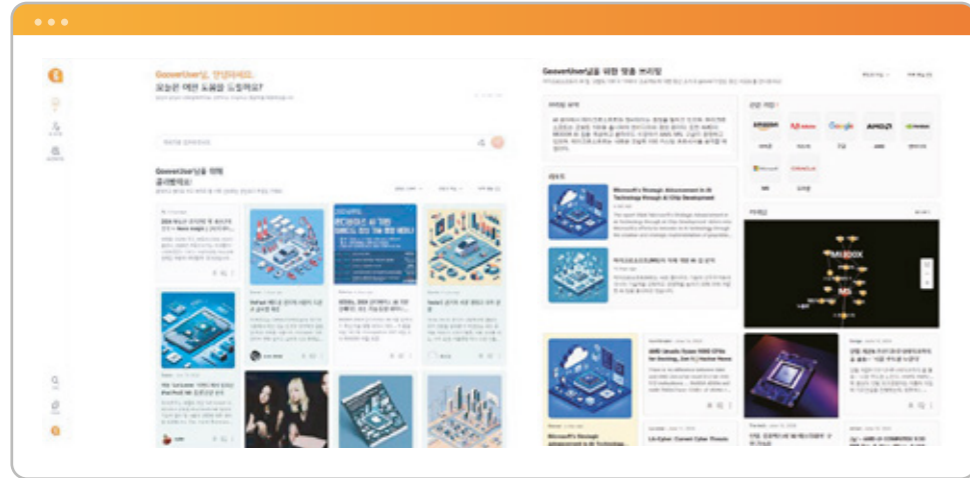
The following are innovative generative AI services from Saltlux subsidiaries:

- 01 ————— GOOVER
- 02 ————— PLOONET STUDIO
- 03 ————— PLOONET WORKCENTER
- 04 ————— PLOONET AI HANDY
- 05 ————— DIQUEST DIVER
- 06 ————— DIQUEST MARINER
- 07 ————— SALTLUX VENTURES
- 08 ————— SALTLUX INNOVATION
- 09 ————— SALTLUX TECHNOLOGY



Large AI search service Goover automates search for knowledge like an autonomous car.

Become free from knowledge work with Goover, a large AI search service that finds personalized information for you from the global web in real-time and offers information recommendations, translations, summaries and in-depth reports every day. Goover provides only the knowledge required by you in real-time from the global multilingual Web.

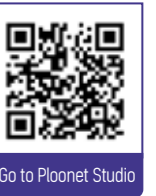


Main Features of GOOVER

- Powerful information collection features** that search the global web to subscription-based services
- 'Ask GOOVER'** that provides information recommendations, translations, summaries and in-depth reports all at once
- Minimizes hallucinations** with LLM 'LUXIA' and 'retrieval-augmented generation' technology
- Latest news/persons involved/social media status on the topic in one glance**
- Social functions** to interact with other users and gain a variety of insights
- Maximizes work efficiency with automatically generated AI reports**

USE CASE

- 01 Financial investors**
 - Market trends and invested company analyses
 - Prepares drafts of data analysis reports
- 02 Brand Managers and Marketers**
 - Competitor studies and daily monitoring
 - Prepares drafts for plans and proposals
- 03 Engineering and development researchers**
 - Technology and industry analyses
 - Summarizes, translates and interactively searches papers and data
- 04 Faculty of private educational institutes and schools**
 - Collects data on lecture subjects, courses and teaching materials
 - Prepares drafts for documents related to the operation of institutes and schools
- 05 Reporter and professional journalists**
 - Collects data for preliminary investigation before covering a story
 - Prepares drafts for interviews and carries out trend reporting
- 06 Strategic planners**
 - Collects and analyzes data by field
 - In-depth analysis reporting with collected data



Generative AI video generation and broadcasting platform

If anyone in the world can create AI metahumans who look like themselves and can be a creator with just a few clicks without the need for expensive equipment, famous people or shooting locations, what type of videos would they wish to produce? Experience video production and streaming with PLOONET Studio, the only AI video generation and broadcasting platform in the world that enables custom metahuman generation and is equipped with a powerful timeline editor.



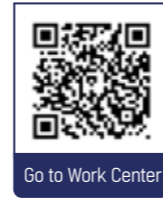
Main Features of PLOONET Studio

- Custom function** for metahuman's appearance, clothes, voice tones, etc.
- Reduction** in production times and **costs of up to 1/6**
- Video and audio editing system, various elements and sounds**
- Web-based editing** environment by just logging in
- Automatic translation and speech function in more than 36 languages**
- Installed ChatGPT** provides support from a draft stage to completion

USE CASE

- 01 Company and school education**
 - Company OJTs, core value education
 - Seminars and lectures
- 02 Campaign and advertising videos**
 - Global environmental campaigns, election pledge campaigns
 - Challenge videos, etc.
- 03 News and information delivery**
 - Today's weather and news briefings
 - Product introduction and tutorials
- 04 Brand Ambassadors**
 - Brand ambassadors
 - Multilingual promotion of goods and services
- 05 YouTubers and influencers**
 - Videos using influencers and metahumans
 - Celebration, memorial or commemorative videos
- 06 PR and IR**
 - IR for investors and shareholders
 - Company PR activities

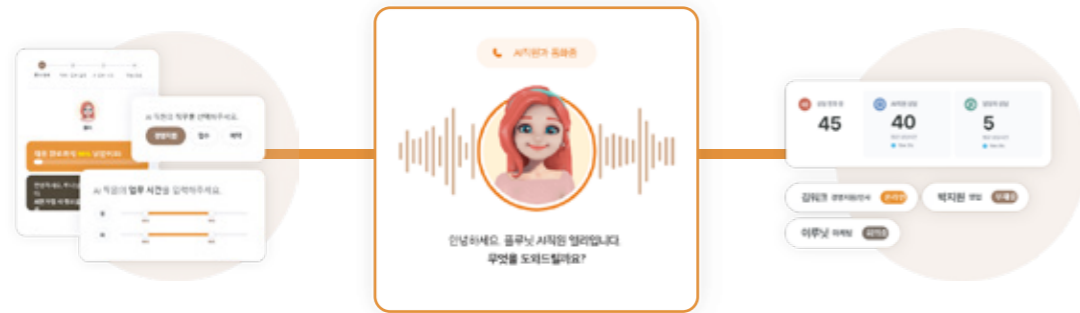
WORK CENTER



Go to Work Center

Ploonet Work Center works for your company nonstop for 24/7

Omni-channel AI employee Ploonet Work Center communicates with customers and carries out bulk or single outbound marketing 24/7 on your behalf. There is no need for time for a preparation stage to introduce AI solutions and for long hours of construction and learning to apply them to work. You can use Ploonet Work Center right away by hiring AI employees and setting up a consultation environment.



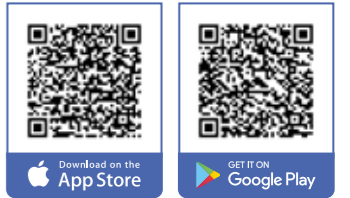
Main Features of PLOONET Workcenter

- AI employee recruitment**
 - Wide selection of work manuals available for various duties
 - Skills of an AI employee for the selected task can be verified immediately
- Real-time verification of customer information and consultation history**
 - Customer's consultation history can be verified based on contact information
 - Outbound integration support using customer information
- Environment setting that allows immediate consultation**
 - Signing up and AI employee setting
 - Set up a consultation channel and environment and start consultation immediately
- Consultation status real-time report**
 - The real-time statistics data to identify consultation status and the status of AI employees and human agents at a glance
- Bulk or single outbound marketing support**
 - Message function to select bulk or a single case
 - Marketing support for issues that occur during a campaign or consultation
- Fast and Easy Use of Services**
 - Credit given at the time of subscription allows you to use PLOONET services
 - Easy to add services whenever you need them

USE CASE

- 01 Hospital and healthcare**
Reservation date confirmation, health-related information
- 02 Government offices and public institutions**
Delivery of periodic messages such as health-related information and checking in on
- 03 Insurance and finance**
Guidance such as confirmation of contracts and terms and conditions, introduction of new products and demands for payment
- 04 Customer care**
Reception of orders/failure reports
Delivery/status information, marketing activities
- 05 Others**
Anywhere that needs AI employees

AI Handy



Download on the App Store

GET IT ON Google Play

Your own smart AI secretary who never misses a phone call or line of record

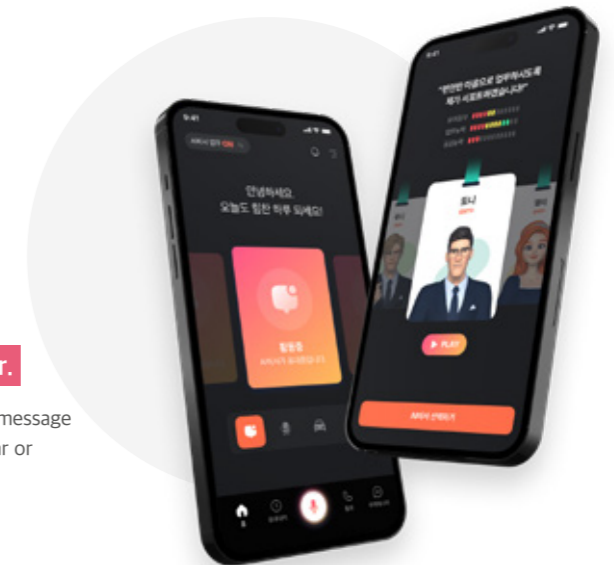
'AI Handy', an innovative AI secretary application with LUXIA, the No.1 LLM leaderboard in the world, will present you a freer and smarter daily life. Have you ever met a secretary who can answer a phone for you, make a phone call or send a message on your behalf, talk to you whenever you want, record a conversation real-time, let you hear and search the recording of phone calls, and analyze phone records?

Main functions of AI Handy

- Twelve AI secretaries, each with their own personality
- Take phone calls according to the settings
- Automatic reply to simple inquiries, such as emails
- Check the notes left when you are absent and send replies
- Recording and downloading of phone calls
- Phone number dedicated to the AI secretary provided
- Check and search phone records
- AI phone call summary and analysis
- Daily conversation linked with LLM

Main Features of AI Handy

- Now call recording is also available for iPhone**
Easy to read in a text format
When you subscribe AI Handy, the AI secretary's phone number that can be used without call forwarding is issued. All phone calls are recorded in real-time and also converted to text for verification.
- Twelve AI Handy secretaries are waiting for you.**
Choose an AI Handy secretary that suits your style out of 12 characters of various appearance and voice. It can learn your information in real-time and become a personalized assistant.
- What did I talk about, and with whom?**
Search phone records if you cannot remember.
If you cannot remember the content of a phone call or message you received in absentia, use the search function to hear or download at the section you want!
- If you are unavailable, AI Handy can reply on your behalf.**
If you check the note from a customer but you are busy or cannot directly contact the customer, you can order AI Handy to send a reply immediately via a text message or phone call.





New way of communication in the generative AI era: Let's play with MimeCon!

Making your own emoticon! Do you find it difficult? With MimeCon, it only takes 1 minute!
 MimeCon is a new concept mobile app service that enables anyone to generate AI character videos real-time using a smart-phone without any additional filming or editing. 'LUXIA', Saltlux's LLM, is equipped in the app to allow users to converse with characters they create and share them with friends.

Main functions of Mimecon

Generate a MimeCon using an image drawn by AI



Generate a MimeCon using an existing image



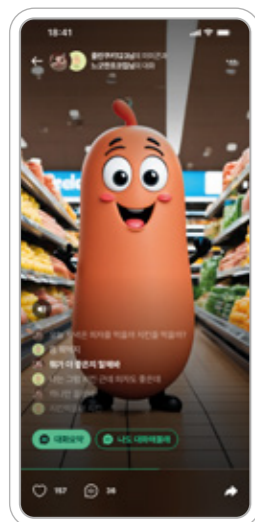
Set up the persona for a MimeCon



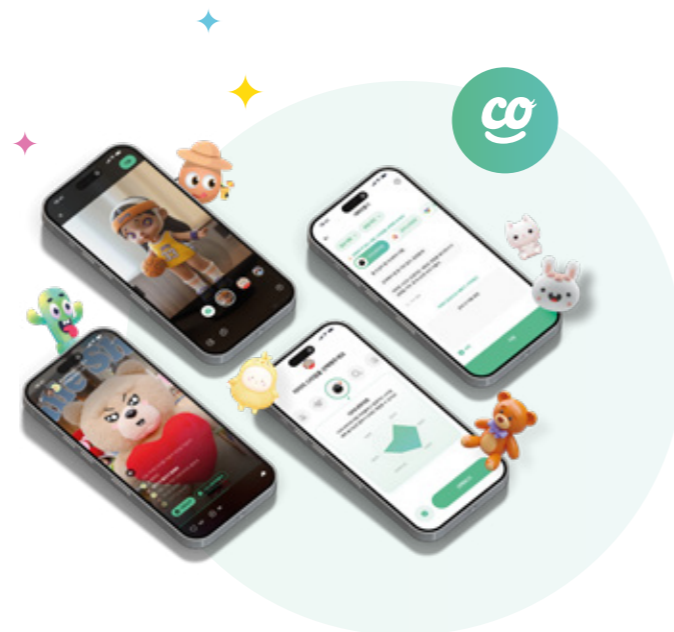
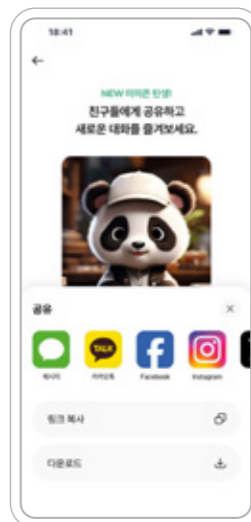
Pick a topic of conversation



Talk to MimeCon real-time



Share a MimeCon



Unchallenged leader in the industry, selected by the top 70% of large online shopping malls in Korea!

'Diver,' the first and best product search solution in Korea, is an intelligent product search solution that goes beyond searches for documents, files and images to provide personalized search results through an algorithm and interface optimized for purchasing, more powerful search performance, and product recommendation function suitable for user characteristics through user profile and interest analysis. Currently more than 70% of the top large online shopping malls in Korea are using Diver, the unchallenged leader in the industry.

Main Features of DIQUEST - Diver



- A high performance search engine dedicated for shopping malls**
 The only dedicated product search engine for online shopping malls with a stable large-capacity distribution system
- Automatic product recommendation system**
 An AI product recommendation system based on cooperative filtering that aids customer's decision-making
- Easy and convenient administrator tools**
 Convenient marketing tools, such as search result pre-tests, through search simulation and service usability evaluation
- Personalized search**
 Hyper-personalized searches by providing different search results to each user based on user profile settings

Reference

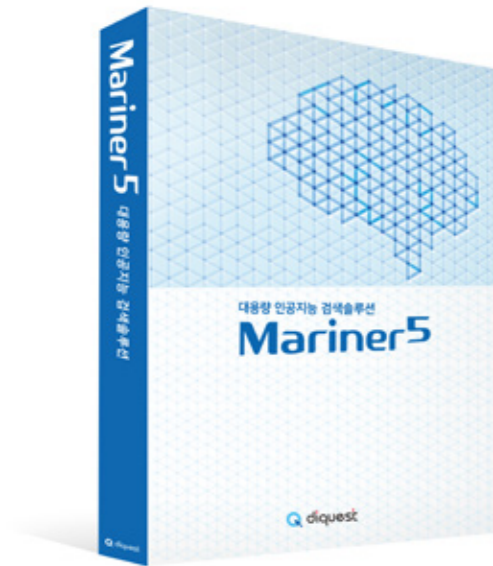
 Hmall product search engine	 Daiso Mall shopping mall search engine	 Online shopping mall search solutions



Superior search performance! Powerful integrated search solutions optimized for big data searches

'Mariner5' completed based on natural language processing technology is a large-capacity integrated search solution with the best performance in the industry and powerful search capabilities with a more than two times faster processing speed and a reduced index time. Mariner provides customized search service based on search performance optimized for large-capacity searches and on usability, presenting the new standards for search services suitable for the big data era.

Main Features of DIQUEST - Mariner



- Meaning-based searches and association analyses**
 Meaning-based search systems and similar document search systems can be constructed using vector search, and an analysis of association between keywords and the generation of related keywords are possible through deep learning
- Topic sentences and keywords automatic selection**
 Provides a function that automatically selects summaries of topic sentences or keywords of given paragraphs using a summary module based on a TextRank algorithm model
- Linkage to LLM**
 A search platform that values internal security and can be linked to LLM on-premise can be constructed in addition to the search platform that can link to external LLM such as ChatGPT
- Retrieval-augmented generation (RAG) application**
 Natural conversation type search is possible, and hallucination is minimized by analyzing users' questions using the vector search technology based on an artificial neural network

Reference

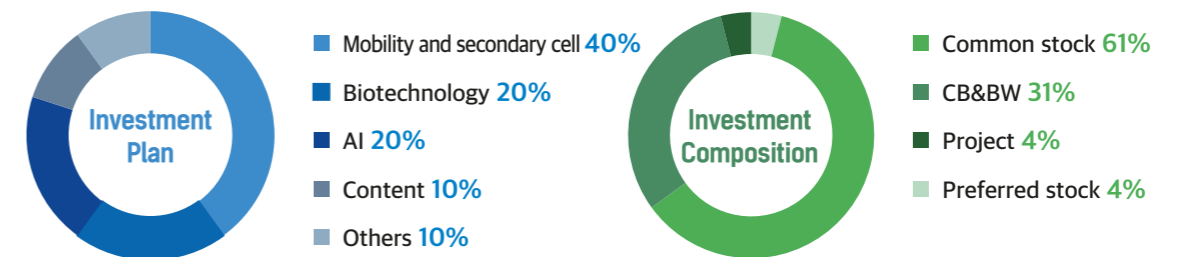
<p>Automatic threat information search system</p>	<p>Comprehensive public terminology management system</p>	<p>Shinhan Card All That Platform</p>
<p>Integrated renewal of homepage and mobile</p>	<p>KMS search engine</p>	<p>VAATZ integrated information search function</p>



Promotes growth and value creation of promising enterprises by investments and management consulting

Saltlux Ventures Co., Ltd., a venture capital corporation established in February 2021 by AI specialist Saltlux, Inc., is a company with more than 15 years of investment review history that aims to invest in various fields, such as biotechnology, AI, mobility and secondary cells. Saltlux Ventures supports strategic values, innovation and growth, provides exit opportunities, such as IPO and M&A, and exerts ceaseless efforts towards mutual growth.

Main Businesses and Operating Plan

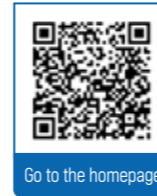


Investment Strategy of Saltlux Ventures

- Early discovery and thorough investment review of blue-chip companies**
 - Discovery and investment reviews based on quick understanding and thorough verification of technologies and trends
 - Preemptive discovery than other VCs and cross-check through shareholder companies and partner organizations
 - Investment after a thorough internal investment process (preliminary review > IR > preliminary investment review > due diligence > internal investment review)
- Environment setting that allows immediate consultation**
 - The scale of investment is categorized according to the size and growth stage of investee companies, and diversified investment to a variety of blue-chip companies is pursued for risk hedging
- Real-time verification of customer information and consultation history**
 - Building of strict investment management and stable management systems by establishing follow-up regulations
 - Provision of solutions necessary for growth and resources for the right place for value-up of investee companies

Shareholder companies and partner organizations

Saltlux Innovation



Go to the homepage

Saltlux Innovation builds a better future by connecting technology with people

Saltlux Innovation supports more accurate and faster communication and helps the success of global businesses through customized AI translation solutions and services from professional translators who have an in-depth understanding of various industries. Connecting technology with humans to build a better future, Saltlux Innovation pursues growth and sustainable advancement in the global market.

Main Services and Features



Mobico is a brand that provides the best translation services from professional translators with in-depth understanding of a wide variety of industry sectors.



DataMixi is the optimal solution brand to promptly acquire large and accurate AI data.

Investment Strategy of Saltlux Ventures



High-quality translation services

- Can translate various documents and a variety of data of IT, media, mechanics, manufacturing, chemical, medical and pharmaceutical industries
- Provides high-quality translation by professional translators for each industry together with native translation reviewers
- Translation services with improved accuracy and consistency using AI solutions



Reasonable pricing

- Transparent price policy
- Reasonable quotes using resources within an overseas subsidiary
- Prompt and accurate translations with reduced price using MTPE



Differentiated Processes

- Customer's precious data is controlled throughout projects from the preparation/planning stage to the collection/construction and review stages



In-depth understanding of data and professional manpower

- Data building knowhow for each industry from manufacturing to IT
- Original technology, including 52 patent registrations and 110 patent applications
- Solutions for each field that cover from data building through to AI modeling
- Crowd-based professional worker pool and in-house professional manpower



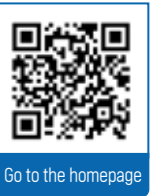
Building of high-quality learning datasets

- Location information regarding images/videos, labeling through the function appropriate for the class tagging data format
- Web-based data curation tools, End-to-End transfer learning-based quality optimization
- Deep learning-based data curation tools, auto labeling and active learning

Reference

 Large-capacity DB integrated search system	 Korean - foreign language translation data	 Foreign economic integration platform
 Multichannel customer external data Autonomous driving voice and language data	 Civil affairs administrative information Data-based 'National Secretary Guppy'	 Spatial data AI analysis data

Saltlux Technology



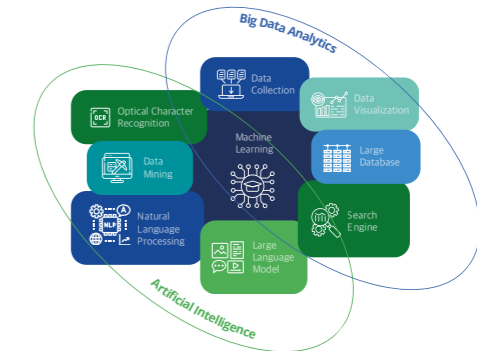
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Sustainably growing with Saltlux Technology

Saltlux Technology Co., Ltd. (SLT), a Vietnamese subsidiary of Saltlux, was established in 2009 and has been growing continuously, contributing a great deal to the growth of Saltlux. SLT provides cutting-edge solutions and high-quality language services, such as AI and big data, to global governments and major companies, through cooperation with Saltlux in not only the Vietnamese markets of a population of more than 100 million, but also the Southeast Asian market of more than 600 million.



AI MC / AI Concierge
Combination of AI assistant, big data and metahuman solutions



Saltlux Technology covers key technologies in big data analysis and AI fields.

KEY Features

Advanced natural language processing that can understand and generate like a human	Smooth integration into various systems that enable intelligent multi-tasking operations	Real-time service status monitoring tools through a website platform that can be easily accessed anytime anywhere
Provision of immediate business insight through real-time data processing and analysis	Improved data visualization tools that can clearly interpret complex datasets	Abnormality detection algorithm to identify and respond to potential risks
Comprehensive localization that ensures cultural fit in various markets	High-precision translation for accurate communication	Through to quality control to ensure accuracy and reliability of translations

USE CASES

01 AI <ul style="list-style-type: none"> - AI secretary - AI MC - AI concierge - AI tour guide - AI customer service 	02 Big data <ul style="list-style-type: none"> - Real-time data collection - Unstructured data analysis - Customer voice analysis - Brand health tracking - Market survey 	03 Language services <ul style="list-style-type: none"> - Multilingual marketing/ IT/ law/ life science/ government/ technical translation - Documents/ websites/ video localization - Transcripts and subtitles
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