

INTELLICON LAB

Executive Summary (2024.09.05)

1. Problem Statement



PROBLEM

**Inefficient legal search process,
Unreliable, Inaccurate Results.**

- Difficult to find laws and materials
- Overload of relevant materials
- Misleading or incomplete information
- Lack of personalized knowledge bases

Hallucination Risk in Legal AI: A Critical Problem

~33% Hallucination



Source: Hallucination-Free? Assessing the Reliability of Leading AI Legal Research Tools (2024.05)

2. Solution Overview



SOLUTION

**Accurate,
Evidence-based,
Tailored answers.**

- Provides highly relevant materials
- Builds a personalized knowledge base.

LawGPT

Asia's First Legal QA-LLM

- Legal QA system that provides answers to legal questions
- All answers are supported by evidence (laws, precedents, documents)
- Equipped with an optimized AI module that eliminates hallucinations
 - Major Clients : Korea Electric Power Corp (KEPCO)

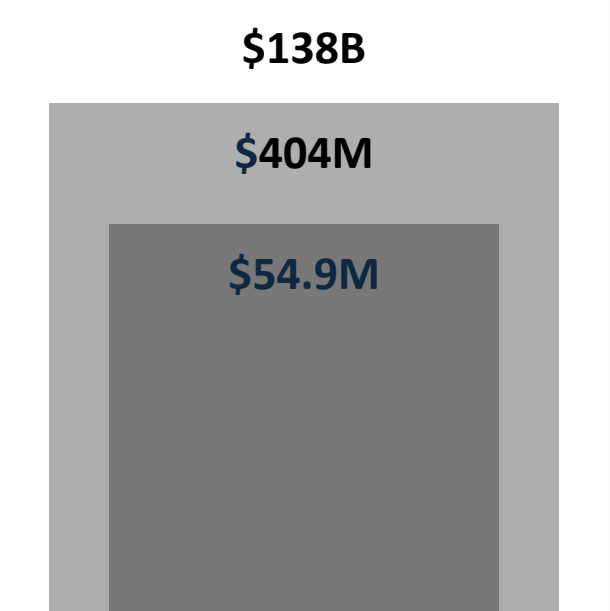


RESULT

**Precision-driven results,
Transforming inefficiency**

- Effortless access to curated knowledge
- Accelerated legal discovery
- Maximized operational impact

3. Market Opportunity



- TAM**
 AI Software Market Size

- SAM**
 Legal AI Software Market, CAGR of 27.64%

- SOM**
 The SOM of \$54.9M reflects the school administration segment only

- **With expansion into other legal sectors, SOM is expected to increase significantly.**



Region	Provincial Offices	Local Support Offices
1 Total	17	176
2 Seoul	1	11
3 Busan	1	5
4 Daegu	1	5
5 Incheon	1	5
6 Gwangju	1	5
7 Daejeon	1	6
8 Ulsan	1	5
9 Sejong	1	2
10 Gyeonggi	1	25
11 Gangwon	1	7
12 Chungbuk	1	10
13 Chungnam	1	14
14 Jeonbuk	1	10
15 Jeonnam	1	14
16 Gyeongbuk	1	23
17 Gyeongnam	1	18
18 Jeju	1	2

SOM Details

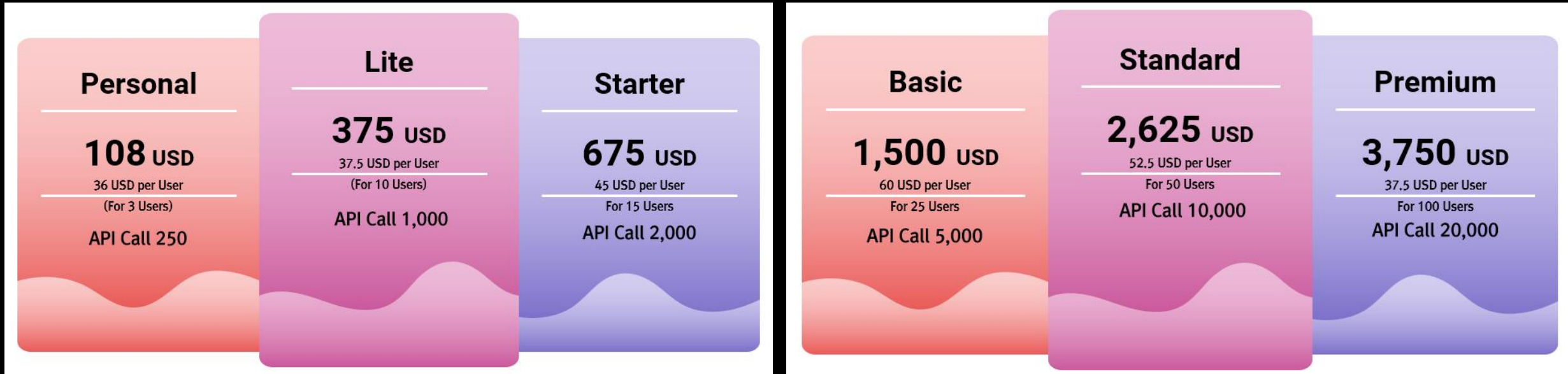
- 1. Target (54.9 M)**
 - Total 12,209 institutions (2022)

- 2. Annual Goals**
 - 1) Contact 6 Provincial Offices and 60 Local Support Offices
 - 2) 60% Meetings
 - 3) 30% Pilot Programs
 - 4) 10% Conversion to Paid Service

- 3. Back Data**
 - Based on 10 users, USD 375 per month per user

4. Business Model

The service will be offered in Tiers, with differentiated API usage and charging, available in monthly and annual subscription models.



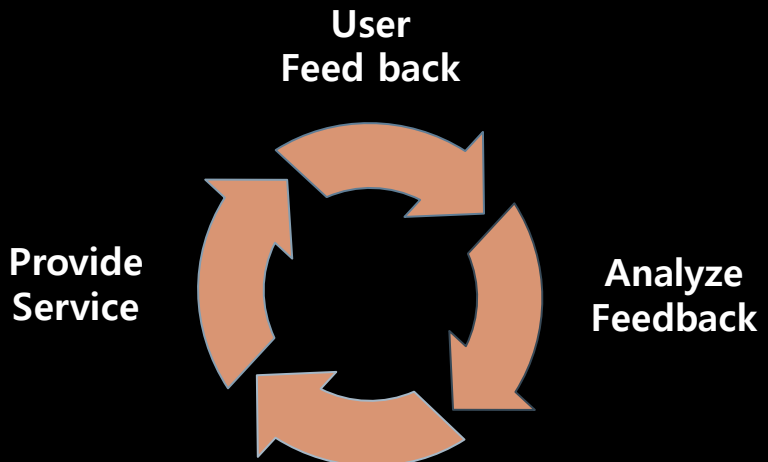
For Personal / Startups

Enterprise / Institution Plan

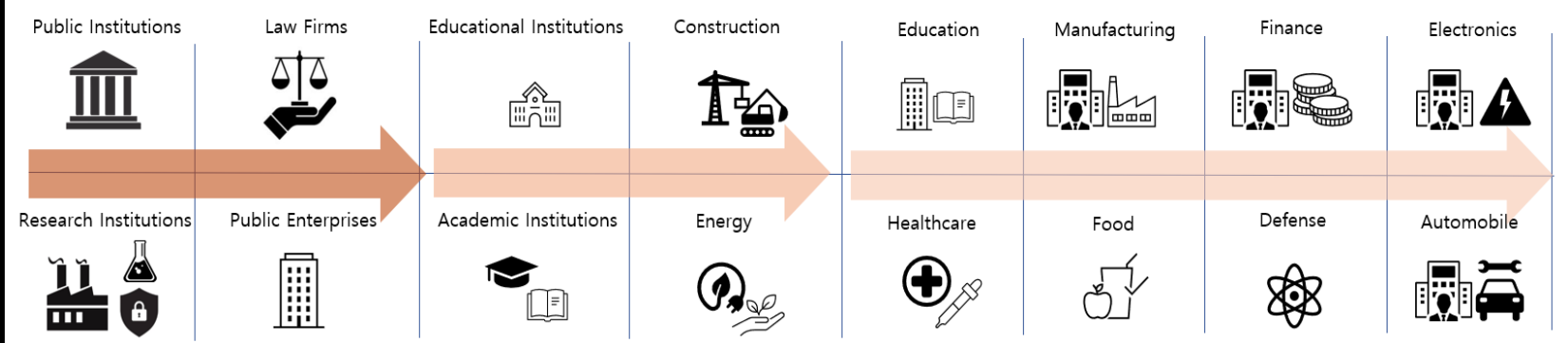
5. Competitive Analysis

Issue in LLM	ChatGPT	Mainstream service (Existing RAG-GPT)	LawGPT (Intellicon)
Minimized Hallucination	✓	✓✓	✓✓
External Knowledge	✗	✗	✓
Real-time Access to Personal Documents	✗	✓	✓
Multi-Document AI	✗	✗	✓
Automatic Document Conversion (HTML)	✗	✗	✓
HWP Document Process	✗	✗ PDF only	✓ HWP, PDF, DOC, PPT, Image, etc
Legal AI Hybrid	✗	✗	✓

6. Product/Service Roadmap



Service Growth and Expansion Strategy



Enhancing and Expanding the Legal API that powers LawGPT

Table of AI API Platform by Intellicon		
Data API	Information Search API	SaaS Model API
Law Text API	Law Information Search API	Document Conversion API
Legislative Text API (Text/Notification)	Legislative Information Search API	Personal Information Anonymization API
Amendment Text API (Text/Notification)	Regulation/Policy Information Search API	Law Link API
Regulation/Policy Text API (Text/Notification)	Civil Affairs QA Search API	Law Related Terminology Recommendation API
Civil Affairs QA Text API	Legal Information Classification API	Legal Sentence Recommendation API

The API in the above table has been fully developed

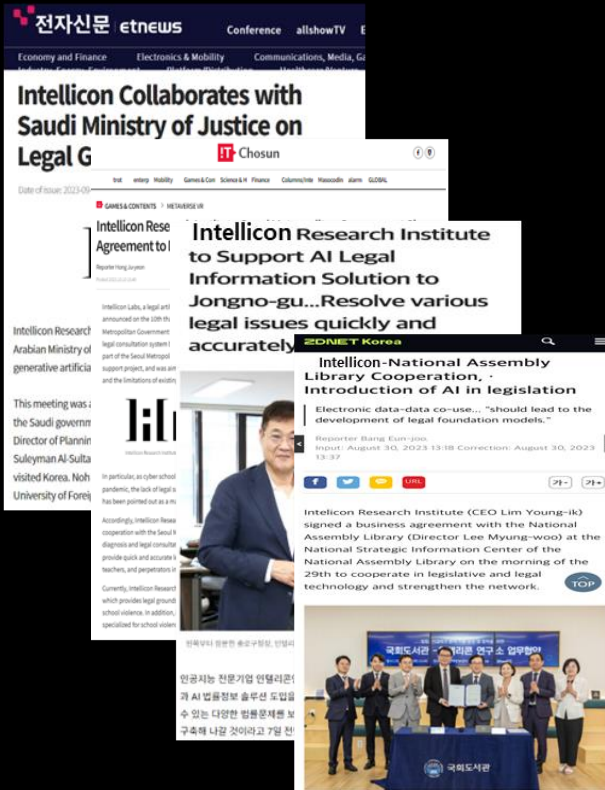
7. Marketing and Sales Strategy

1) Marketing Strategy:

- Media exposure
- Branding through exhibitions and conferences

2) Sales Strategy:

- Sector-specific goals
- Rapid expansion from existing customers



Broadcast on the Development of Legal GPT Based on Generative AI (SBS, May 2, 2023)



Broadcast Review of Legal GPT Based on Generative AI



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8 Ulsan	1	5
9 Sejong	1	2
10 Gyeonggi	1	25
11 Gangwon	1	7
12 Chungbuk	1	10
13 Chungnam	1	14
14 Jeonbuk	1	10
15 Jeonnam	1	14
16 Gyeongbuk	1	23
17 Gyeongnam	1	18
18 Jeju	1	2

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2. Annual Goals

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3. Back Data

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8. CEO



Young-Yik Rhim

Education

2014	UC Berkeley School of Law	IP/IPSL short-term course	completion
2012	Completion of International Dispute Arbitration Expert Training	International Arbitration Act	completion
	The 9th Intellectual Property Training Institute	Patent Law, etc.	completion
2010 ~ 2012	41 st Judicial Research & Training Institute	Passed the 51 st Judicial Examination	completion
	Completion of Intellectual Property Special Training	Intellectual Property Law	completion
1989 ~ 1998	Seoul National University	Life Sciences	Bachelors

Selected Publications & Academic Activities

2016	An Ensemble Based Legal Information Retrieval & Entailment System	JURISIN 2016
2016	A.I. & its impact on legal profession: FUTURE LAWYER	2016 International Judicial Symposium (Supreme Court International Academic Conference)
2016	A.I. & Legal Technology	2016 SNU & Berkeley Law School Joint Workshop
2016	The Use of Technology in Legal Practice	KBA-FCLRF Academic Conference (Jointly hosted by the Korean Bar Association and the Russian Federal Chamber of Lawyers)
2017	Artificial Intelligent Attorney	Korea University Brain Science Department Colloquium
2017	Multiple Agent Based Entailment System (MABES) for RTE	COLIEE 2017
2017	Ontology Modeling for Criminal Law	MIREL 2017
2017	Legal Content Fusion for Legal Information Retrieval	ICAIL 2017
2017	A.I.& Future	2017 International Ad Tec Conference
2019	The Applicability of Artificial Intelligence in International Law	2018 Busan International Advertising Festival
		YIJUN Institute of International Law

Major Accomplishments

2010	Establishing artificial intelligence legal convergence lab, The 1 st in Korea
2015	Developed i-LIS (Intelligent Legal Information System) and studying computational jurisprudence theory, The 1st in Korea
2016	Developed legal chatbot (Law-Bo), The 1st in Korea
2016	COLIEE, Competition on Legal Information Extraction-Entailment(Tokyo, Japan, 2016) Champion
2017	COLIEE, Competition on Legal Information Extraction-Entailment (London, UK, 2017) Champion
2017	Complete developing legal map algorithm, The 1st in Korea
2018	Received the Minister's Award for Contributions to the Advancement of Science and Technology
2018	Received the Grand Prize in the Legal Tech category at the '4th Korea Enterprise Awards'
2019	Received the Korea Excellent Patent Award
2019	Developed Asia's first contract analyzer (Alpha-Law)
2019	Received the Grand Prize in the Legal category at the Korea Artificial Intelligence Awards
2019	Selected as a Next-Generation World-Class Product (Ministry of Trade, Industry and Energy, KOTRA), Contract Analyzer (Alpha-Law)
2019	Received the Minister's Award from the Ministry of Trade, Industry and Energy at the Invention Patent Expo, Intelligent Legal Inference Search Engine (U-LEX)
2019	Received the Grand Prize (AlphaRo), Gold Prize (LawMeca), and Silver Prize (Ulex) at the Seoul International Invention Exhibition

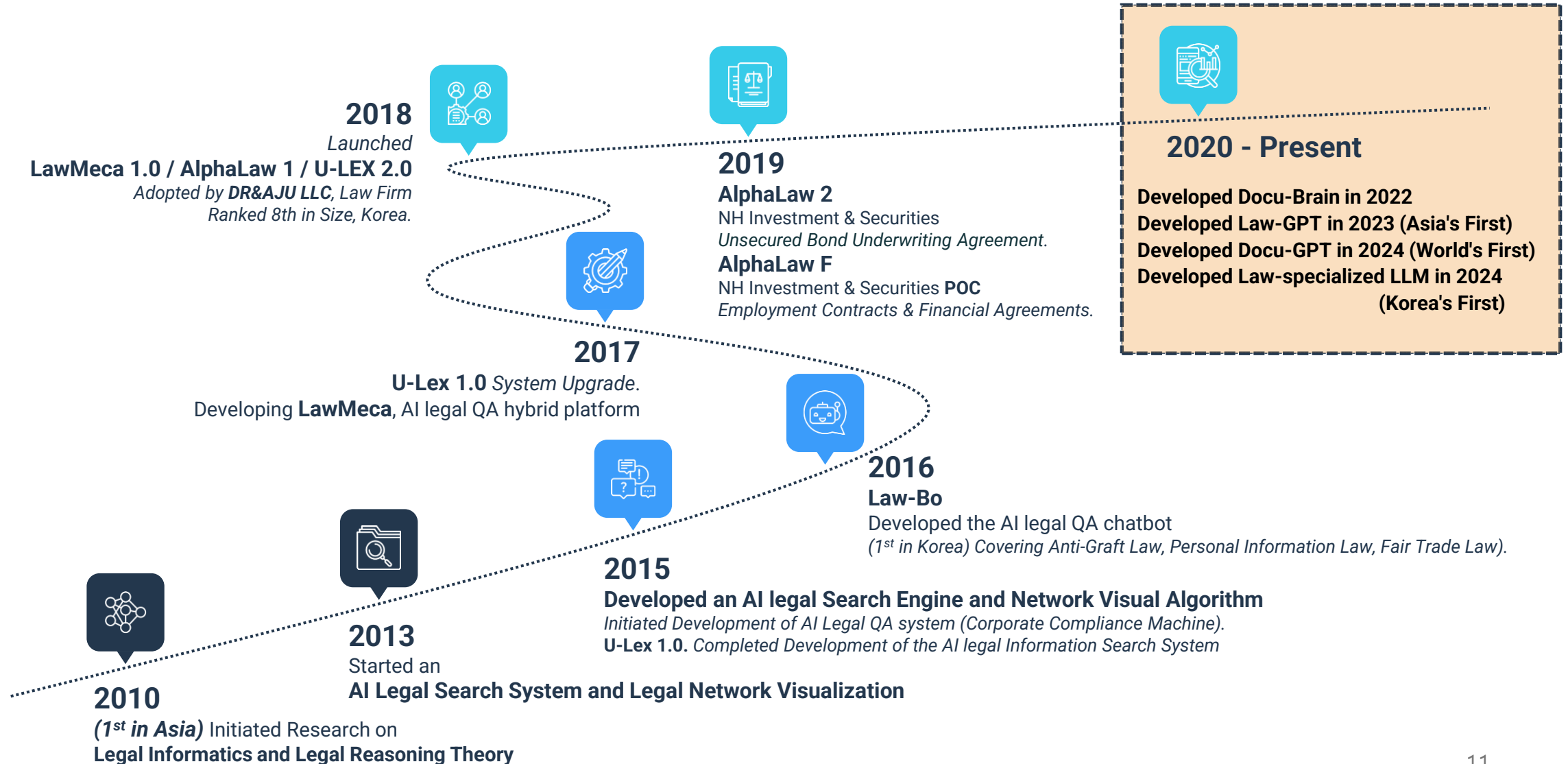
Career Highlights

Year	Institution	Position	Remark
2012-2013	Seoul bar association	Member	Special committee on jurist training
2013-2014	Korea creative content agency	Consultant lawyer	Dispute mediation committee
2013-2015	Soongsil cyber university	Adjunct professor	Brain science and knowledge convergence
2015-Current	Korea bio-technology industry Association	Special member	
2015-Current	Korean bar association	Special member	Lawyer special committee for judicial reform
2015-Current	Convergence research institute for forensic safety	Research lawyer	Researching on AI safety system
2015-2016	Ministry of Science, Information & Communications Technology (ICT) and future planning	Consultant	A.I. Technology and policy
2016-Current	Korean Patent Attorneys Association (KPAA)	Vice-chairman	
2017-Current	Intelligence information strategy committee	Consultant	
2017-Current	Intellectual Property Support Center (i-PAC)	Consultant	
2017-Current	Patent court	Lawsuit structure patent attorney	Infringement of patent/litigation for cancellation of a trial decision deputy
2016-Current	National assembly social contribution forum	Legal member	Study on AI legal policy
2016-Current	International association for artificial intelligence and law, IAAIL	Regular member	
2015-2017	Korean bar association	Vice president	48 th
2015-Current	Grad school of mass communications at Konkuk University	Adjunct professor	Artificial intelligence and media/copyright law
2018-Current	The National Assembly Library of the Republic of Korea	Consultant	
2018-Current	Korean association for artificial intelligence and law, KAAIL	Vice-chairman	
2012-Current	Intellicon law firm	Representative Attorney	
2019-Current	4th Industrial Revolution Commission (Presidential Organization)	Science and Technology Innovation Commission member	
2013-Current	Intellicon lab co., Ltd.	CEO	

APPENDIX

History

"Intellicon has developed AI technology for over 10 years."



History

"Intellicon has won many awards, including the AI World Championship."



Winner
Global Legal AI Competition Tokyo, Japan.

Venture Company Certified
Korea Venture Capital Association

2016



Winner
Global Legal AI Competition London, UK.
Winning Two Years in a Row

U-LEX
Next-Generation World-Class Product
Ministry of Trade, Industry, & Energy

Good Content Service
GCS Certified

2017



Awarded
Minister's Commendation for Science & Technology
Ministry of Science & ICT

Winner
4th Republic of Korea Corporate Awards in Legal Tech

Grand Prize, ICT Sector
Republic of Korea Digital Business Innovation Awards

Grand Prize, Legal Sector
Republic of Korea AI Award

2018



Gold, Silver, & Grand Prize Winner
Triple Crown Seoul International Invention Fair

Winner
Republic of Korea Excellent Patent Awards

Winner, AlphaLaw
1st AI Competition

AlphaLaw
Next-Generation World-Class Product
Ministry of Trade, Industry, & Energy

Minister's Award Ministry of Trade, Industry, & Energy.

2019



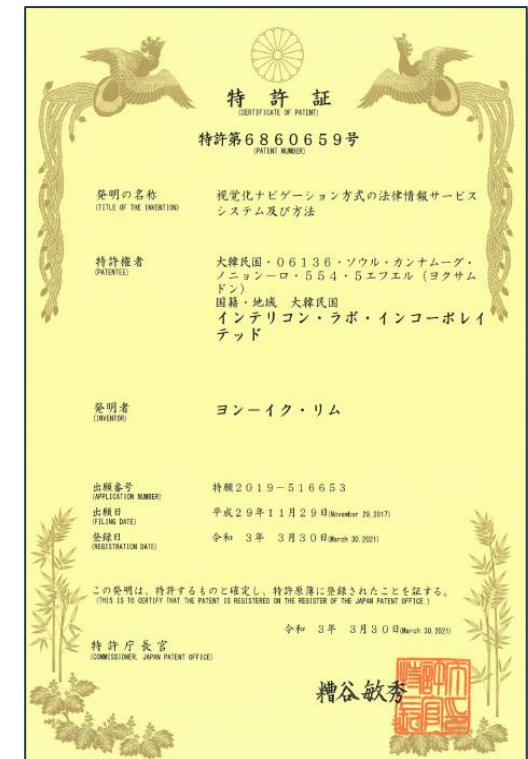
2023 Seoul International Invention Fair
Gold Medal and Special Award
(2 awards)

2023 ~

IP

"Intellicon holds about 20 AI-related IPs, including international patents."

"Technical Patents (Holding both domestic and international patents)."



Securing partnerships and footholds for global expansion.



Companies

- Acquired technical patents in Japan
- Japanese companies including Rosetta
- SoKandai University, Japan

Overseas Institutions

- International Legal Technology Association (Canada, Japan)
- Stanford LawSchool
- Alberta Univ (Canada) AMII

Domestic Univ.

- Yonsei University Industry-Academic Cooperation Foundation
- Ulsan University Industry-Academic Cooperation Foundation
- Ewha Womans University Law School
- Hanyang University Law School
- Chungnam National University Law School

< Core Tech >

- Legal Inference AI Technology / Multi-Agent RAG Technology / Legal LLM Technology
- Compatibility Technology for Knowledge Tech. & Legal Tech.
- Legal Network Knowledge Extraction Technology

NLP+ NLU+ LLM
<ul style="list-style-type: none"> • Multi RAG Generative AI • Multi-document Automatic Knowledge Extraction • Legal Document Analysis • Contract Analysis • Legal Counseling Q&A Analysis • Legal Precedent DB Analysis • Legislative Revision Tracking

Legal NLP	Legal Logic-based Search Technology	Legal NLU
<ul style="list-style-type: none"> • Application of Legal Natural Language Processing (NLP) & Legal Linguistics • Composed of General NLP + Legal Language Optimization Technology 	<ul style="list-style-type: none"> • Technology that fuses multiple search models according to the semantic relationship between legal & general language, and the legal logical structure of sentences & search documents 	<ul style="list-style-type: none"> • Extracting information from sentences • General Natural Language Understanding + Legal Element Extraction Technology
Core Sentence Recommendation Tech. within Document	Adaptive Evolutionary Learning Technology	Legal Inference & Ranking Technology
<ul style="list-style-type: none"> • Technology that automatically finds & recommends intended clauses or important sentences within long legal sentences, (ex. laws & precedents), and highlights them 	<ul style="list-style-type: none"> • AI continuously learns user question patterns & generated data to optimize • Evolves like Google search, adapting to changes in the legal environment over time & with increasing data 	<ul style="list-style-type: none"> • Inferring the relationship between query documents & results through legal principles & logic • Technology that ranks legal information based on the reliability of inference
Simulation-based Multi-information Concurrent Exploration Technology		
<ul style="list-style-type: none"> • Technology that enables simulation of laws & exploration of related precedents • Application of Computational Law & Meta Law Analytics theories • Core technology of Intelligent Legal Optimization Search Engine 		

Legacy

- Leading AI-based legal tech and securing global competitiveness
- Providing generative AI technology and solutions for augmented knowledge (API platform)

Table of AI API Platform by Intellicon

Data API	Information Search API	SaaS Model API
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Legacy

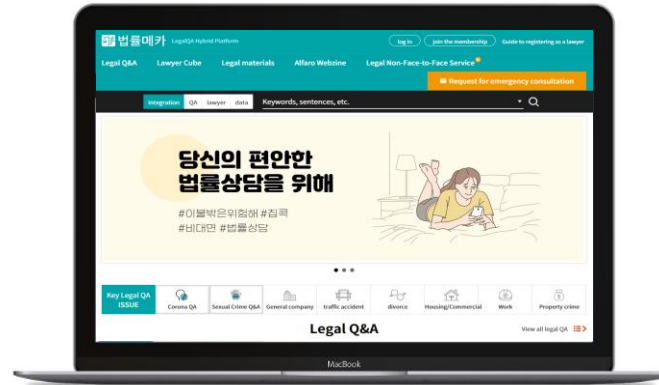
Key Facts for Solution and Platform

U-LEX ulex.co.kr



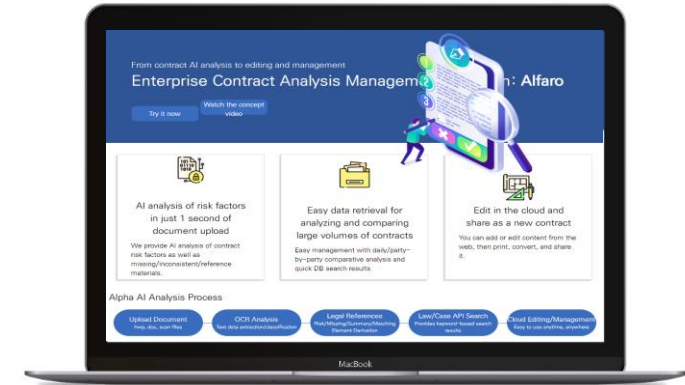
AI Legal and Case Law Search Engine

Lawmeca lawmeca.com

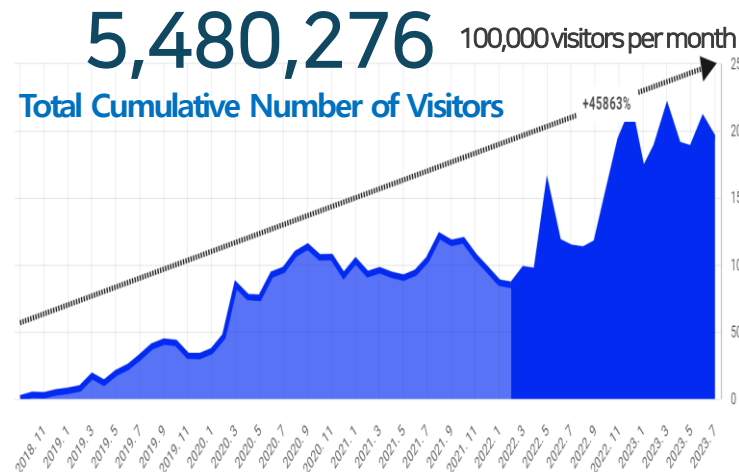


AI Legal Consultation Platform

Alpha-Law ailaw.co.kr



AI Contract Analysis and Management System



3 billion
National R&D Project: Customized Contract Analysis Service for Small and Medium-sized Enterprises (Ministry of Trade, Industry and Energy)

5%
Market Share, Next Generation World-Class Product Certification (Ministry of Trade, Industry and Energy, KOTRA)

10 seconds
Analysis per Contract, Winner of Contract Analysis Competition (Judicial Policy Research Institute)

Winner
Grand Prize at the Seoul International Invention Fair among 625 inventions (Korea Invention Promotion Association)

Generative AI & Legal AI

DocuGPT & LawGPT

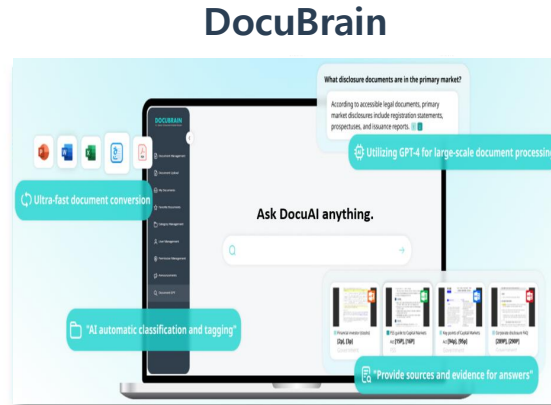
A horizontal bar with a gradient from purple to blue to green.

At a Glance

Core Solutions of Intellicon

Convergence System of Document AI & LLM

- Winner of the Gold & Special Prize at the Seoul International Invention Exhibition (2023)
- Solution that combines Document AI, RAG, & LLM
- Capable of analyzing Big Document Data in real-time
- Conversational AI that analyzes documents & converts them into knowledge
- Analyzes all types of documents regardless of file format



DocuBrain

Legal Knowledge Network Simulation

- Internationally patented & World-Class Product selected
- Provides visual answers to legal questions
- Network of laws, precedents, commentaries, & papers
- Allows users to simulate knowledge structures directly



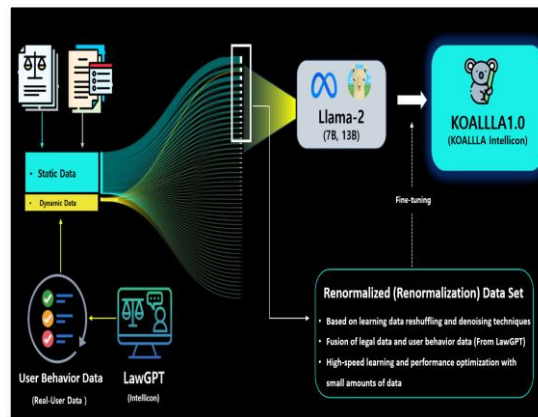
U-LEX

LawGPT



Asla's First Legal QA-LLM

- Legal QA system that provides answers to legal questions
- All answers are supported by evidence (laws, precedents, documents)
- Equipped with an optimized AI module that eliminates hallucinations
- Currently used by Korea Electric Power Corp(KEPCO), Korea Occupational Safety and Health Agency(KOSHA), law firms, and others



KOALLA(Law-specialized LLM)

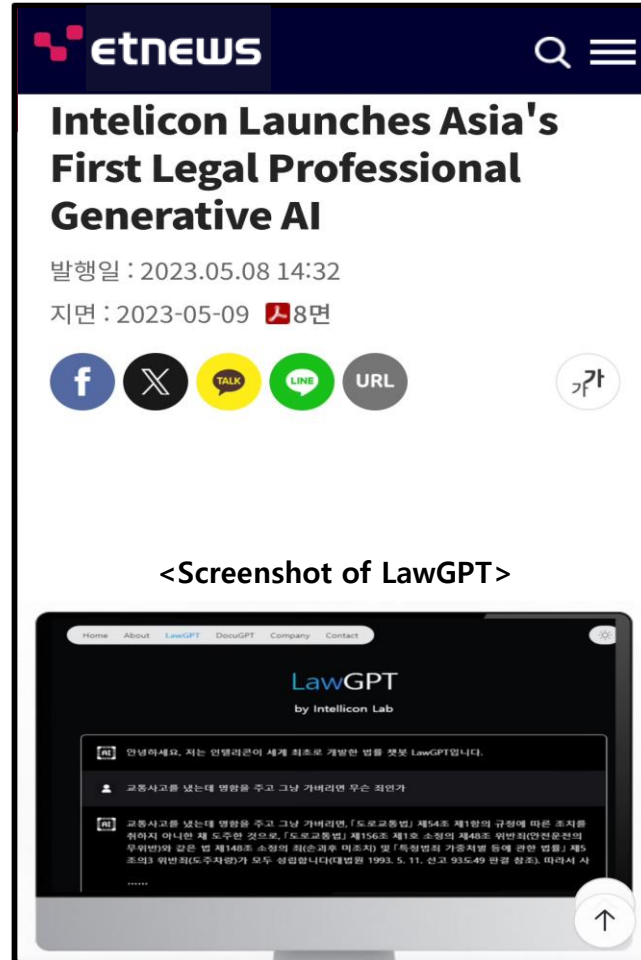
Korea's First Legal Specialized LLM

- Fine-tuning technology for Legal RAG optimization
- Data re-normalization technology to reduce hallucinations
- Learning technology that incorporates user behavior data
- Model that can be developed to meet the specific needs of individual organization.

Overview

LawGPT

"Development of Asia's First Legal GPT"



Report on Asia's First Launch (ETNEWS, May 8, 2023)



Broadcast on the Development of Legal GPT Based on Generative AI (SBS, May 2, 2023)



Broadcast Review of Legal GPT Based on Generative AI (Yonhap News, May 28, 2023)

Overview



Evidence-based Generative AI for Legal Queries with Citations from Laws, Precedents, Documents, and Knowledge

Chat GPT

질문: What offense is it to leave after a traffic accident by just giving a business card?

답변: In a traffic accident, parties must provide their vehicle number and contact information. Giving a business card is possible but not recommended.

Failing to provide contact information can lead to legal issues, as it may be interpreted as intentionally causing an accident or evading responsibility.

After an accident, immediately contact the other party, assess the situation, and contact insurance companies. Neglecting this can result in legal consequences.

- <ChatGPT>**
- Vague answer
 - No legal evidence provided for responses



Law GPT

질문: What offense is committed by leaving after a traffic accident, only giving a business card?

답변: **entry**

In a traffic accident, drivers must stop immediately and provide necessary assistance, as per Article 54(1) of the Road Traffic Act. Leaving after only giving a business card can constitute a hit-and-run offense under Article 5-3 of the Act on the Aggravated Punishment of Specific Crimes. If injuries occur, it may also violate Article 48 (duty of safe driving) and Article 148 (failure to take action after causing damage) of the same Act. (Reference: Supreme Court precedent)

Relevant Laws

- Road Traffic Act, Article 54(1)
- Act on the Aggravated Punishment of Specific Crimes, Article 5-3
- Same Act, Article 156(1) No. 48
- Same Act, Article 148

Provides highly precise answers based on Korean laws and precedents

Recommends or presents relevant legal provisions
Links to detailed legal content for further reference

- <LawGPT>**
- Highly precise answers
 - Provides evidence for responses (laws, precedents, etc.)

Overview

Korea's 1st Legal sLLM (KOALLA, Feb 2024)



etnews Intelricon Research Institute Develops Legal Specialized SLLM 'Koala'...Halushination prevention

Input : 2024.02.23 17:32

Static Data, Dynamic Data, User Behavior Data (Real-User Data), LawGPT (Intellicon)

Llama-2 (7B, 13B) → KOALLA1.0 (KOALLA Intellicon)

Renormalized (Renormalization) Data Set

- Based on learning data reshuffling and denoising techniques
- Fusion of legal data and user behavior data (From LawGPT)
- High-speed learning and performance optimization with small amounts of data

Korea's 1st Korean Legal sLLM Developed Domestically

Gold Award at International Invention Fair for DocuBrain (Nov 2023)

Chosun breaking news Corporation Mobility Gar

MASO CODING > COMPUTING AND AI

Intelricon Research Institute Wins Two World Invention Exhibitions in Seoul with Document AI System 'Docubrain'

Reporter Hong Juyeon Input 2023.11.08 14:08

SEOUL INTERNATIONAL INVENTION FAIR 2023 NOV.1-NOV.4 2023 COEX SEOL AREA

Lim Young-ik, CEO of Intelricon Research Institute, is receiving a gold medal and a special award at the 2023 Seoul International Invention Exhibition (SIIF). / Intelricon Laboratory

Korea's First Multi-Document GPT Wins Gold Award

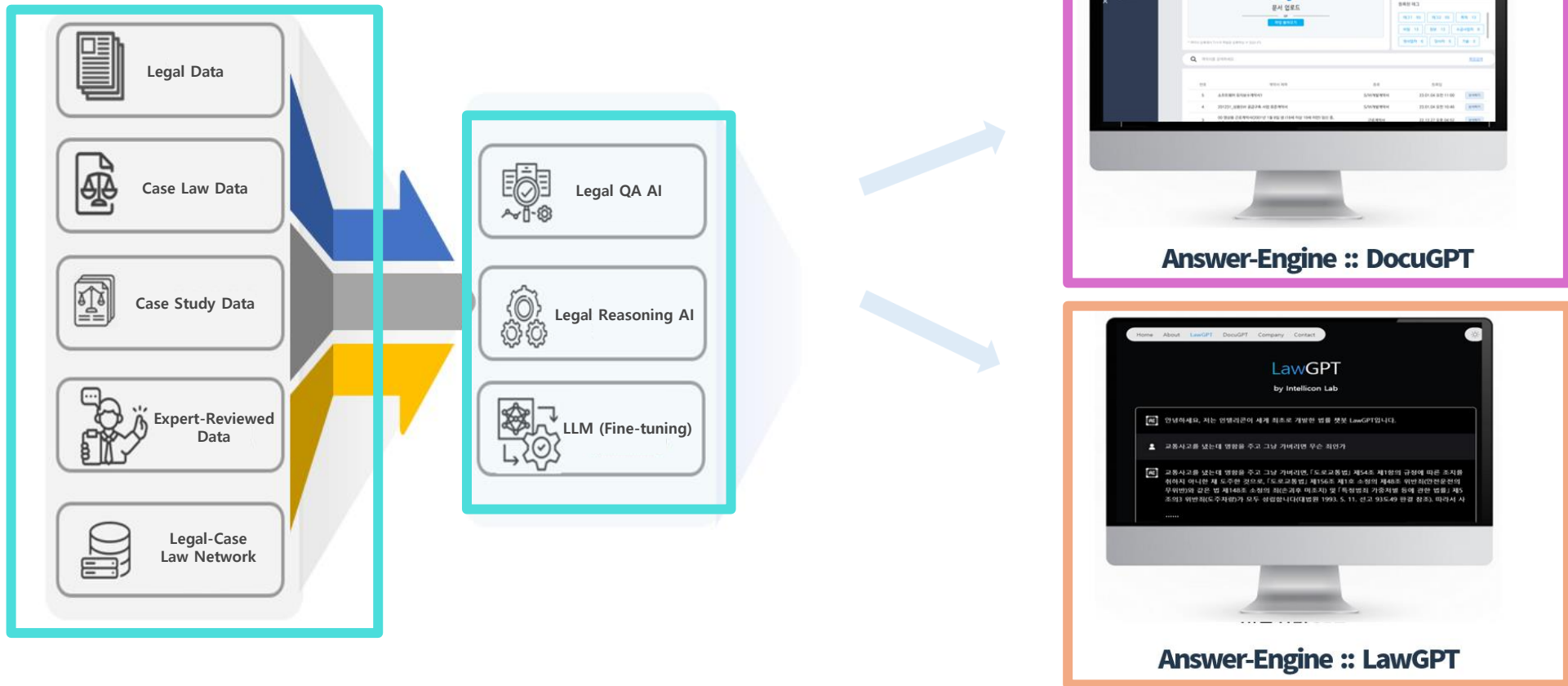
Overview

Answering-AI :: DocuGPT & LawGPT

Answering - AI

Intellicon's Legal AI System Based on Generative AI (LLM)

Hybrid of Legal AI System and LLM: Asia's First Legal AI Powered by Generative AI



Answer-Engine :: DocuGPT

Answer-Engine :: LawGPT

Overview

DocuBrain :: A generative AI system for interactive search and analysis of all documents in the world

Dynamic GPT
Custom GPT with Client Data

Static GPT
General chatbot with Prompt Skills



What disclosure documents are in the primary market?
According to accessible legal documents, primary market disclosures include registration statements, prospectuses, and issuance reports.

Ask DocuAI anything.

Ultra-fast document conversion

AI automatic classification and tagging

Utilizing GPT-4 for large-scale document processing

Provide sources and evidence for answers

OpenAI Research Product Safety Company Search

Introducing ChatGPT

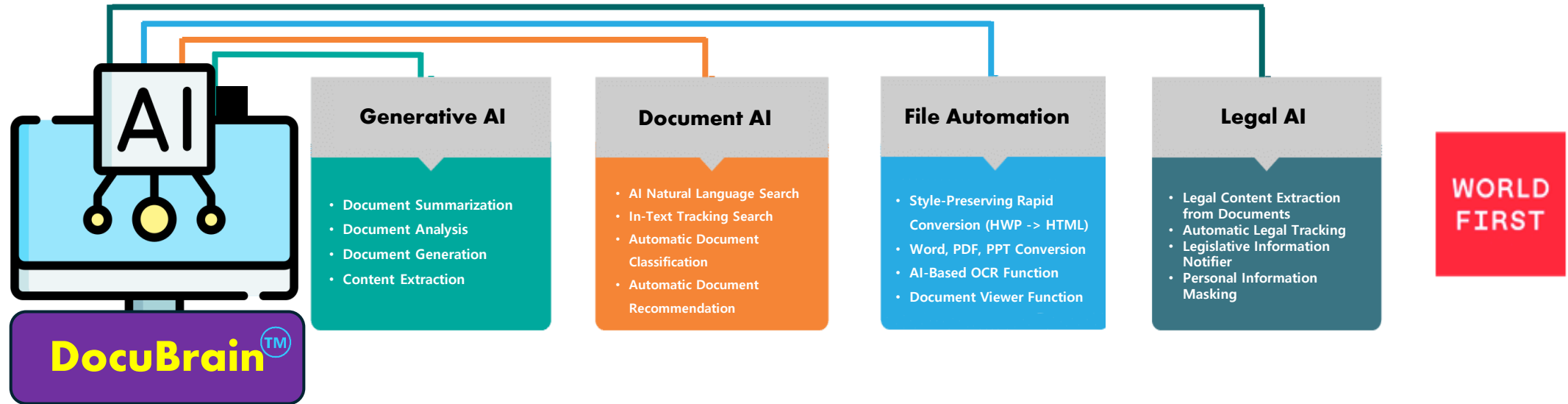
We've trained a model called ChatGPT which interacts in a conversational way. The dialogue format makes it possible for ChatGPT to answer followup questions, admit its mistakes, challenge incorrect premises, and reject inappropriate requests.

[Try ChatGPT](#) [Read about ChatGPT Plus](#)

Answering - AI
DocuBrain

ChatGPT

DocuBrain :: Modular AI (DocuAI + Auto Converter+ LLM +Legal AI)



Main Clients

Public Institution	Law Firm	Corporation	Research Institution
 <p>Constitutional Court of Korea</p>  <p>Constitutional Court Library</p>  <p>THE NATIONAL ASSEMBLY OF THE REPUBLIC OF KOREA</p>  <p>NATIONAL ASSEMBLY LIBRARY</p>  <p>Ministry of National Defense Republic of Korea</p>  <p>KEPCO KOREA ELECTRIC POWER CORPORATION</p>  <p>HRDK Human Resources Development Service of Korea</p>  <p>KICE Korea Institute for Curriculum and Evaluation</p>  <p>Ulsan Metropolitan Office of Education</p>	 <p>DR & AJU DAERYOOK & AJU</p>  <p>ONE LAW PARTNERS</p> <p>Law Firm SANHA</p>  <p>SANWOO LAW FIRM</p>	 <p>T TAXNET</p>  <p>조세통람</p> <p>cur!oud</p>  <p>DAEWOONG</p> <p>ironbox</p>	 <p>Gangwon Institute</p>  <p>KOSHA</p>  <p>KEI Korea Environment Institute</p>  <p>KICT KOREA INSTITUTE OF CIVIL ENGINEERING and BUILDING TECHNOLOGY</p>  <p>FWHA WOMANS UNIVERSITY Museum</p>  <p>Seodaemun Museum of Natural History</p>  <p>명덕외국어고등학교 MYUNGDUK FOREIGN LANGUAGE HIGH SCHOOL</p>

Summary

“Intellicon is the Top Leader in Generative AI & LegalTech”

- ✓ Secured AI source technology through 10 years of dedicated research
- ✓ Unparalleled technology born from winning the World Legal AI Competition (2016 in Japan, 2017 in the UK)
- ✓ Holds the most legal AI IPs, including international patents
- ✓ Ongoing expansion of client network to public institutions, law firms, and corporations
- ✓ Solution and consulting brand provided to public institutions such as the Constitutional Court, National Assembly, Gangwon Research Institute, Occupational Safety and Health Agency, and Korea Electric Power Corporation
- ✓ LawGPT technology that provides legal grounds (first developed in Asia, 2023)
- ✓ Multi-document based RAG-generative AI toolkit, DocuBrain (first developed in the world, 2023)
- ✓ Self-developed legal specialized sLLM (first developed in Korea, 2024)
- ✓ Holds the largest amount of legal big data in Korea (over 3.5 million cases)

Collaborators & Clients

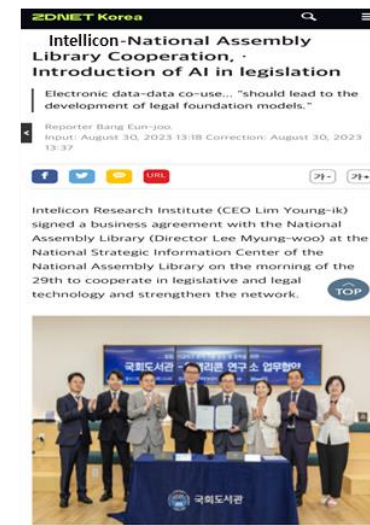
Major Collaborators & Clients

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Performance

Category	Name of Organization	Technology and Solutions	Remarks
Public Institution	Constitutional Court	AI Constitutional Adjudication System	Development Completed
Public Institution	Board of Audit and Inspection	AI Audit Support System (POC)	Development Completed
Public Institution	National Assembly Library	AI Legislative Support System	Agreement Completed
Public Institution	National Information Society Agency	AI Learning Data Construction	Agreement Completed
Public Institution	Seoul City	AI School Violence Counseling System	Agreement Completed
Public Institution	Jongno District	AI Administrative Support System	Agreement Completed
Public Institution	Ministry of Government Legislation	AI Legislative Support System	Under Discussion
Public Institution	Ministry of Justice, Saudi Arabia	AI Judicial Support System	Under Discussion
Public Institution	Gangwon Research Institute	AI Document Analysis Management Solution	Agreement Completed
Public Institution	Korea Occupational Safety and Health Agency	AI Document Analysis Management Solution	Agreement Completed
Public Institution	Defense Technology Promotion Research Institute	AI Document Analysis Management Solution	Pilot Use
Law Firm	DR&AJU LLC	AI Document Analysis Management Solution	Introduction Completed
Law Firm	SANHA LLC	AI Document Analysis Management Solution	Introduction Completed
Law Firm	SANU LLC	AI Document Analysis Management Solution	Introduction Completed
Law Firm	WON LLC	AI Document Analysis Management Solution	Introduction Completed
Law Firm	Kim Han-kyu Law Office	AI Document Analysis Management Solution	Introduction Completed
Law Firm	Jipyong LLC	AI Document Analysis Management Solution	Scheduled for Discussion
General Company	Curiod Co., Ltd.	AI Document Analysis Management Solution	Introduction Completed
General Company	Ban Architects Co., Ltd.	AI Document Analysis Management Solution	Introduction Completed
General Company	ThinkBlank Co., Ltd.	AI Document Analysis Management Solution	Introduction Completed
General Company	IronBox Co., Ltd.	AI Document Analysis Management Solution	Introduction Completed
General Company	JoseTongram Co., Ltd.	AI Document Analysis Management Solution (API)	Introduction Completed
General Company	POSCO	AI Document Analysis Management Solution	Pilot Use
Research Institution	Ewha Womans University Law School	Industry-Academic Cooperation	Agreement Completed
Research Institution	Hankuk University of Foreign Studies Law School	Industry-Academic Cooperation	Agreement Completed
Research Institution	Hankuk University of Foreign Studies Department of Information and Records	Industry-Academic Cooperation	Agreement Completed
Research Institution	Gyeongin National University of Education Legislative Center	Industry-Academic Cooperation	Agreement Completed

<Main Business Performance: 2023-2024 2Q>



Intellicon Research Institute to Support AI Legal Information Solution to Jongno-gu... Resolve various legal issues quickly and accurately



인공지능 전문기업 인텔리컨연구소(대표 임병익)가 지난 9월 동부구청(구청장 정문현)과 AI 법률정보 솔루션 도입을 위한 업무협약을 체결하고 행정서비스 과정에서 일어날 수 있는 다양한 법률문제를 보다 신속하고 정확하게 해결할 수 있도록 상호 협력체계를 구축해 나갈 것이라고 7일 전했다.



Collaborators & Clients



Collaborators & Clients



LAB PARTNERS



Kim HanKyo
Law Firm



Summary

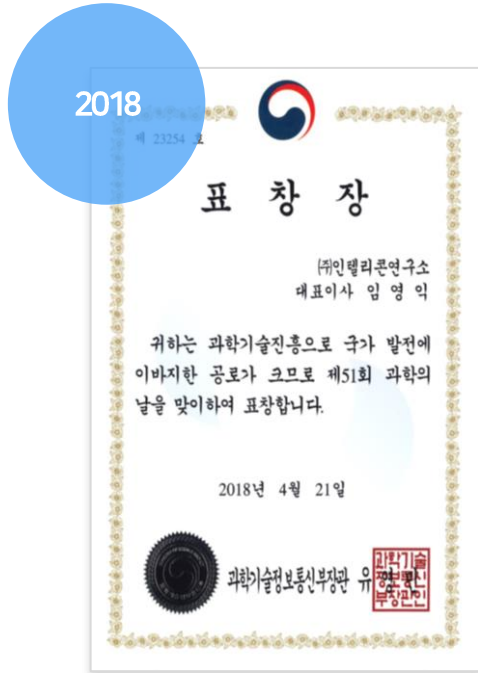
Public Institution	Law Firm	Corporation	Research Institution
 <p>Constitutional Court of Korea</p>  <p>Constitutional Court Library</p>  <p>THE NATIONAL ASSEMBLY OF THE REPUBLIC OF KOREA</p>  <p>NATIONAL ASSEMBLY LIBRARY</p>  <p>Ministry of National Defense Republic of Korea</p>  <p>KEPCO KOREA ELECTRIC POWER CORPORATION</p>  <p>HRDK Human Resources Development Service of Korea</p>  <p>KICE Korea Institute for Curriculum and Evaluation</p>  <p>Ulsan Metropolitan Office of Education</p>	 <p>DR & AJU DAERYOOK & AJU</p>  <p>ONE LAW PARTNERS</p> <p>Law Firm SANHA</p>  <p>SANWOO LAW FIRM</p>	 <p>TAXNET 조세통람</p>  <p>cur!oud</p>  <p>DAEWOONG</p>  <p>ironbox</p>	 <p>Gangwon Institute</p>  <p>KOSHA</p>  <p>KEI Korea Environment Institute</p>  <p>KICT KOREA INSTITUTE of CIVIL ENGINEERING and BUILDING TECHNOLOGY</p>  <p>FWHA WOMANS UNIVERSITY Museum</p>  <p>Seodaemun Museum of Natural History</p>  <p>명덕외국어고등학교 MYUNGDUK FOREIGN LANGUAGE HIGH SCHOOL</p>

Awards & Media

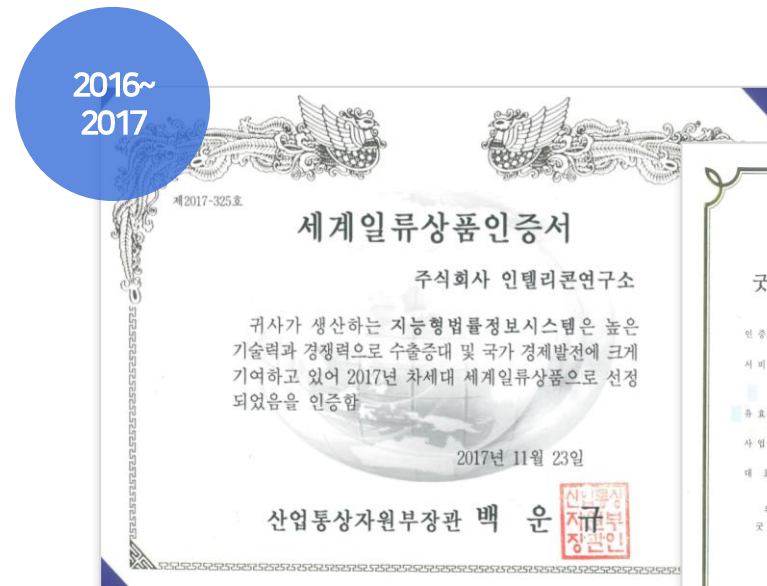
Awards and Achievements

A horizontal bar with a gradient from purple to blue to green.

Major Certificates and Awards



2018
Minister's Award for Meritorious Service in Science and Technology Promotion
 Ministry of Science and ICT

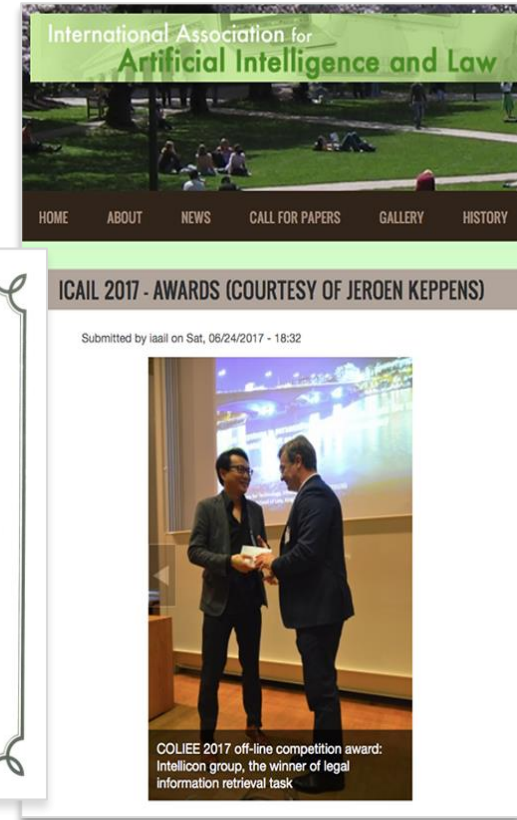
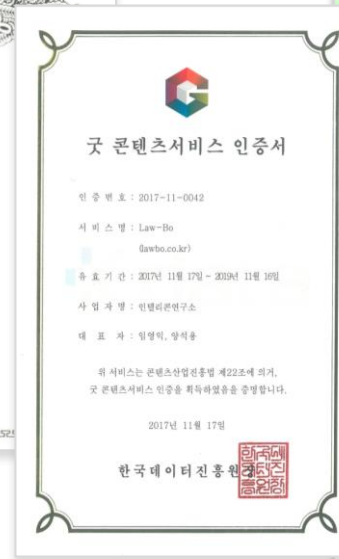


2016~2017
World-Class Product Certification for 'Intelligent Legal Information System'
 Ministry of Trade, Industry and Energy

Good Content Service (GCS) Certification for 'Law-Bo'
 Korea Data Agency

Winner of the Competition on Legal Information Extraction/Entailment (COLIEE)
 ICAIL 2017

Winner of the Competition on Legal Information Extraction/Entailment (COLIEE)
 ICAIL 2016



Winner of the Competition on Legal Information Extraction/Entailment (COLIEE)
 ICAIL 2016

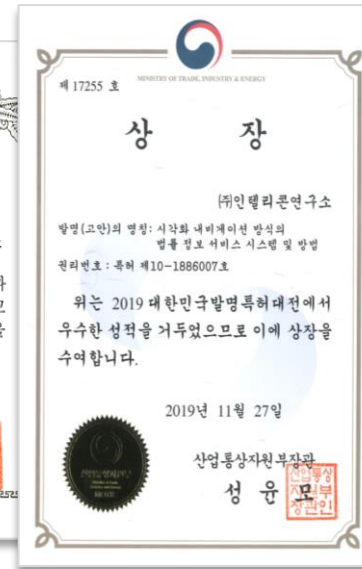
Major Certificates and Awards



2020
Youth-Friendly Small hidden champion MOEL



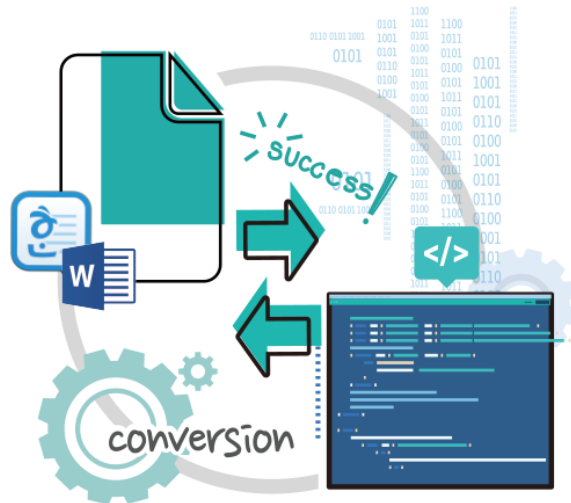
2019
World-Class Product Certification for 'Intelligent Contract Analyzer'
Minister's Award at Invention Patent Exhibition for 'U-LEX'
Grand Prize at Seoul International Invention Fair for 'Alpha-Law'
Gold Award at Seoul International Invention Fair for 'Law Mecca'
Silver Award at Seoul International Invention Fair for 'U-LEX'



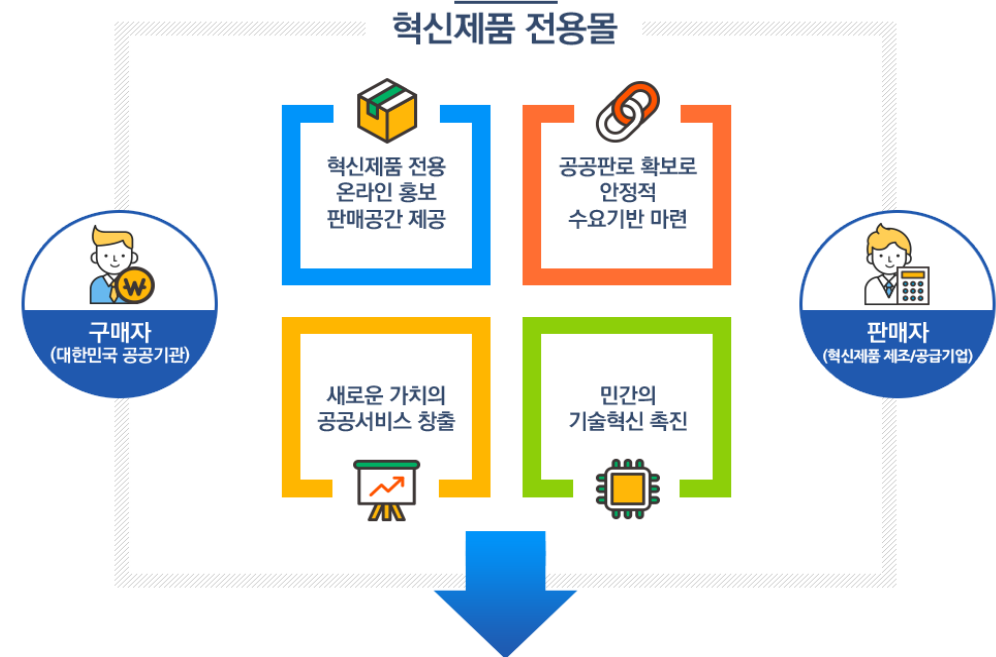
Ministry of Trade, Industry and Energy
Ministry of Trade, Industry and Energy
KIPA
KIPA
KIPA

✓ Securing Public Sales Network

"Selected as 2022 Innovative Product"




K-INNOVATIVE PRODUCT



“ Building an Innovation Procurement Ecosystem
Based on Creative Innovation “

“ Intellicon, Selected as World-Class Product ”

✓ Bridgehead for Global Market Entry

"Selected as World-Class Product"

"Recognized as Good Content Service"



세계일류상품

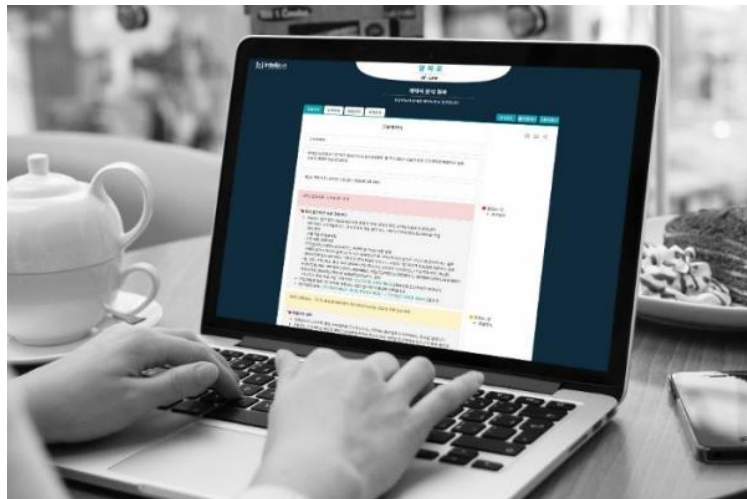


Good Content Service

“Obtained Good Content Service Certification”

- ✓ Awards at International Patent Exhibition
- ✓ Awards at Intellectual Property Exhibition

"Won Grand Prize, Gold, and Silver Awards"



Two Consecutive Championships at World Legal AI Competition COLIEE 2016 (Tokyo) & COLIEE 2017 (London)

The JoongAng


Social : Prosecutors and Courts

What is the secret behind the algorithm of the Korean team that won the 'AI Lawyer' competition for two consecutive years?

JoongAng Ilbo | input 2017.06.26 16:05 Update 2017.06.26 18:32

Reporter Song Seung-hwan [subscribe](#)

“Q. A was renting a store owned by B and was running a restaurant when a fire of unknown cause completely burned down the store. However, A had previously hired an unqualified person to replace the wires, the contractor did not use standard products, and the store consumed a lot of electricity as it was running a restaurant. Which of the following legal relationships could be developed based on this case? (The correct answer is at the bottom of the article)”




Attorney Youngik Lim (CEO of Intellicon Meta Research Institute)

International Association for
Artificial Intelligence and Law

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ICAIL 2017 - AWARDS (COURTESY OF JEROEN KEPPENS)

Submitted by iaail on Sat, 06/24/2017 - 18:32



COLIEE 2017 off-line competition award: Intellicon group, the winner of legal information retrieval task

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Legal organization

Korea's 'AI Lawyer' Skills World's Best

Park Soo-yeon | 2016-12-19 17:12

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Intellicon Meta Lab, self-developed 'Iris-7'; CEO Lim Young-ik, "Planned to be released for case law and statute search next year"



The 'Artificial Intelligence (AI) Lawyer' system developed domestically has won first place in an international competition testing AI's legal reasoning ability.

Intellicon Meta Research Institute (CEO, Attorney Youngik Lim) announced on the 16th that it won first place in the 'World Artificial Intelligence Law Competition (COLIEE, Competition on Legal Information Extraction-Entailment)' held at Keio University in Japan on the 18th of last month.

“Korea’s First Legal AI System”


ARTIFICIAL LAWYER
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Meet Lex Rhim, Creator of South Korea's First Legal AI System, I-LIS

8th August 2017 artificiallawyer Legal AI in South Korea



Artificial Lawyer recently caught up with **Lex Rhim** founder of South Korean legal AI system I-LIS and CEO of **Intellicon Meta Lab** (pictured above). I-LIS is the first fully developed legal AI application in the country and it's great to see homegrown AI companies in the legal field sprouting up now all over the world.

Rhim kindly agreed to tell readers about the work he is doing in South Korea and what the latest version of his application will do, which at present focuses on legal research. Or, as Rhim puts it 'I-LIS is a legal navigation system'.

What does i-LIS 7 do?

I-LIS was developed by **Intellicon Meta Lab** and is the first Intelligent Legal Information system in Korea. Basically, I-LIS is an expert system for legal professionals. The main modules are the semantic retrieval-engine and the legal reasoning-engine.

I-LIS has a multiple information retrieval agent that can find precedents (cases), law, networks between laws and cases all spontaneously when asked.

KOREA JOONGANG DAILY

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URL 줄이기 dictionary

Computers now capable of giving sage legal advice

July 08, 2017



At the Intellicon Metalab research institute, Lim Young-ik, attorney and developer, explains the operational control of the I-LIS legal AI. [Intellicon Meta Lab]

Participants from around the globe took part in a legal battle in London on June 13, pouring over pertinent laws for more than an hour. Most interesting of all, the competitors were computers.

The event was the highlight of the 16th International Conference on Artificial Intelligence and Law (Icail), which focus on the practical application and development of AI. South Korean Intellicon Metalab's i-LIS (Intelligent Legal Information System) has been the victor for two consecutive years.

"Development of 'Law-Bo', Korea's First Legal Chatbot"

Korean Bar Association Journal
NEWS.KOREANBAR.ORG.KR

article Opinion Legal Information Media Communication Member space Articles by Lake Legal Cor

Last edited: 2024-09-23 16:13 (Fri) Wedding/obituary news Readers' comments novel

HOME > ARTICLE > LAW FIRM/LAWYER INDUSTRY

Korea's first 'legal chatbot' born

Reporter Heo Jeong-hoe | Posted 2017.02.13 09:53 | Like 626

국내 최초 지능형 법률도우미 'Law-Bo'
Law-Bo(로보)는 현재 형식금지법(공정연방)에 대해서 도움을 주고 있습니다.

The country's first intelligent legal assistant has been created.

Intellicon Law Firm announced that it has been providing services for 'Law-Bo', the first intelligent legal assistant and chatbot in Korea, since last month. Chatbot is a compound word of chatting and robot, and refers to an artificial intelligence program that converses with humans.

Currently, Robo is providing services for the Anti-Bribery Act. To utilize the chatbot function, you must go through Telegram.

Intellicon Law Firm expressed confidence, saying, "Currently, the 1.0 version of Robo is limited to checking whether a specific act or object violates the Anti-Corruption Act and whether it is subject to its application, but starting from version 2.0, we will be equipped

법률저널
The Law Journal

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The birth of Korea's first legal chatbot 'Robo' "Ask Kim Young-ran Law"

Reporter Kim Ju-mi | Approved 2017.02.08 14:34 | Comments 0

Artificial intelligence that talks to humans... 'Smart Legal Assistant' accuracy test completed, full service begins in January

Latest News
Professor Dae-Hwi Kim selected as the 55th Korean Law Culture

"Development of Korea's First Intelligent Legal Information System (i-LIS)"

Latest News

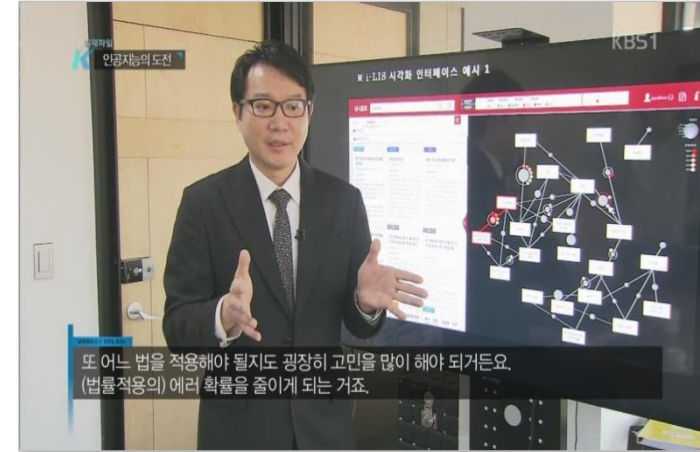
[Elite Prosecutors vs. Robot Lawyers①] Artificial Intelligence Lawyers Throw Down the Gauntlet to Human Prosecutors

2016.03.07 10:11

- Artificial intelligence poses a challenge to the legal field... 'Robot lawyers' may appear in 40-50 years
- Development of the first intelligent law search system in Korea, accessibility for the general public expected to be greatly improved
- Challenges to overcome such as opposition from the legal profession and controversy over the Attorney-at-Law Act... "If it can't be avoided, we must prepare for it"

AKMU와 함께 상상을 생성해봐 학생은 Creative Cloud 모든 앱 첫째 60% 이상 할인!

구매하기



TVCHOSUN

From cooking to lawyering... Will artificial intelligence surpass humans?

Posted 2016-03-08, 9:38 PM Last modified 2016-03-08, 10:01 PM Original article

Reporter Kim Ha-rim

Empathy Comments

U-LEX 법률정보시스템 v.1.0

U-LEX

병소니에 치어 신

법률정보 | 전문가 인공지능 대항 변호사

변호사들이 소송을 하는 기술 자체도 바뀌게 될 거고, 어떻게 된다면 합류서비스, 재판, 소송 이런 개념이 전부 바뀌게 되고...

[Anchor]

As we reported earlier, we are about to have the showdown of the century tomorrow, but how far has artificial intelligence come? Reporter Kim Ha-rim found out.

KBS 뉴스

Will an 'AI judge' emerge that can predict verdict?

Posted 2016-03-16 (06:38) Last modified 2016-03-16 (09:11)

인공지능 변호사
뇌 하나를 나중에 장악을 하는 거예요. 나중에
알리고자 함 알라 판사가 만들어지겠조. 인공지능 판사...

Artificial Intelligence, the Detourer of the...

Evolution AI... Creating a Dementia Brain Map

Artificial Intelligence is also challenging the legal profession.

'AlphaGo Lawyer' Appears... Citizens' Reactions Mixed

2016-03-20 00:00 Society

일부 시민들도 쉽게 이용할 수 있는 인공지능 변호사를 최종적으로 개발하는 것이 지체를 목포입니다.

결론, 해당 항목으로는 "인도" 희망의 시금관?.. 피해!
소자본으로 시작하는 "해관관리사" 5월 배우면 할인권만 받는다
"역류성식도염, 사지함종" 있다면 원인 "이것" 때문!.. 총격!

Alpha Lawyer is about to appear.

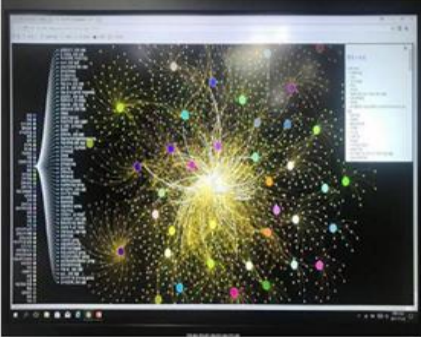
The public's reaction is mixed, and the recession-stricken legal community is reacting negatively.

"Completion of Korea's First 'AI Legal Map' in 2017"

Domestic

Intellicon Meta Research Institute for Legal Technology Succeeds in Developing AI Legal Map

Reporter Hong In-gil | Input: 2017/11/29 18:30



A legal map developed by Intellicon Meta Research Institute, a legal tech company.

Intellicon Meta Research Institute, a legal tech company (CEO Lim Young-ik, Konkuk University Graduate School of Journalism and Public Relations), announced that it has completed the Legal Map, the first in Korea to express the connection structure of all laws in Korea. The Legal Map developed by Meta Research Institute can visually confirm the complex interconnections of all laws in Korea, and by looking at the Legal Map, one can easily identify the information on the desired law and other laws that are most similar or related to that law. Intellicon Meta Labs is introducing U-LEX, a legal navigation system that allows anyone to easily and accurately find laws by combining its self-developed intelligent legal reasoning engine, Iris-7, with the above legal map.

An official from Intellicon Meta Research Institute explained, "This system is a

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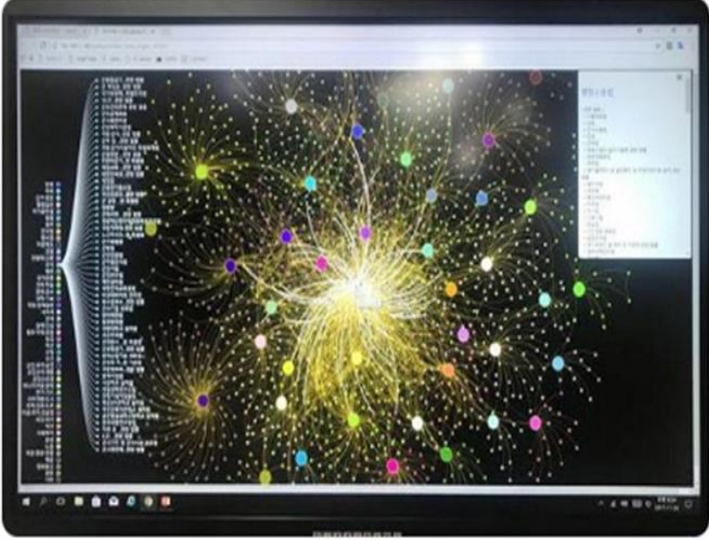
- 1 Daughter who went to study abroad in the city returned with '2000 piece...
- 2 Kim Min-ji 'Mom, worried about husband Park Ji-...
- 3 I smiled during the selfie with Shin Yu-bin... 'North...
- 4 Seo Dong-ju confesses, 'Kim Jeong-ryeol danced...
- 5 "'Bucheon Hotel Fire' Overturned Air Mattress,...

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Intellicon Meta Research Institute
서울신문 Completes Korea's First 'AI Legal Map'

Intelligent Legal Information System 'Iris (i-LIS)' selected as 'Next-generation world-class product'

Intellicon Meta Research Institute (CEO Lim Young-ik, Graduate School of Journalism and Public Relations, Konkuk University), a legal tech company, announced that it has completed the Legal Map, the first in Korea to express the connection structure of all laws



A legal map developed by Intellicon Meta Research Institute, a legal tech company.

“2017년 차세대 세계일류상품 선정”

The JoongAng

Economy : General Economy

Intelligent Legal Information System 'Iris (i-LIS)' Selected as Next-Generation World-Class Product

JoongAng Ilbo | input 2017.11.30 16:13

Reporter Kim Min-sang [subscribe](#)



[Photo Intellicon Research Institute]

The intelligent legal information system 'Iris (i-LIS)' developed by Intellicon Research Institute was selected as a next-generation world-class product at the 2017 World-Class Product Selection Certificate Award Ceremony held at the Intercontinental Hotel in Samseong-dong, Seoul on the 23rd.

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40에 이상의 남자를 위한 현실적인...

법률GPT 인텔리 콘 연구소, 서울교대...

귀의 마지막 경고,이 영 배소리 받치하...

2024년도 전남대 로스쿨 신입생 SK...

HOME > NEWS > Legal

Intellicon Research Institute selects 'Iris (i-LIS)' as next-generation world-class product

Reporter Lee Sang-yeon | Approved 2017.11.27 12:27 | Comments 0

Legal Navigation, the first in the legal tech field

[Law Journal = Reporter Sangyeon Lee] Intellicon Research Institute announced on the 24th that its intelligent legal information system, I-LIS (Intelligent Legal Information System), was selected as a 'Next Generation World-Class Product' at the '2017 World-Class Product Selection Company Certificate Ceremony' held at the Grand InterContinental Seoul Parnas Hotel on the 23rd.

World Class Products of Korea is a project in which the Ministry of Trade, Industry and Energy and the Korea Trade-Investment Promotion Agency (KOTRA) certify manufacturing companies. It consists of 'Currently First Class Products', which are products with a global market share of 5% or higher and 'Next Generation First Class Products', which are products that can enter the top 5 in terms of global market share within the next 7 years.

Intellicon Labs is a legal tech company that has proven its technological prowess by winning the Competition on Legal Information Extraction/Entailment (COUEE) last year and this year.

Latest News

- This year's freshman at Hankuk University of Foreign Studies Law School, undergraduate diversity
- Professor Dae-Hwi Kim selected as the 55th Korean Law Culture Award
- Supreme Court Announces Candidates for Appointment as Judges with General Legal
- Essay on welcoming a new dream (103) - 'It is not only the protagonist who grows'
- Korean Bar Association: 'Prepare measures to improve the safety

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“Obtained Good Contents Service Certification in 2017”

The JoongAng

Society : General Society

[Biz Story] Discovering original and practical content such as big data used car recommendations and artificial intelligence legal chatbots

JoongAng Ilbo | input 2017.11.22 00:02 Update 2017.11.22 18:45 View on the ground



Data Promotion Agency

The Korea Data Promotion Agency has been implementing the 'Good Content Service' certification project since 2013 to improve the quality of domestic content services. The 'Good Content Service' certification, which was conducted three times this year, selected services in various fields such as e-learning, music, publishing, comics, broadcasting, travel, shopping, and finance. The number of services that received certification increased by 16% from 197 last year to 228. In particular,

로그인 회원가입 사이트맵

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- 인증신청
- 인증소식
- 인증서비스소식
- 인증서비스소개
- 고객센터

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시스템 문의: 02.2135.6187
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연관사이트 | 이동

인증소식 > 인증서비스소개

인증서비스소개

통합 | 인덱스 | 검색

전체	출판	만화	음악	게임	영화
애니메이션	방송	광고	지식정보	이러닝	기타

Law-Bo 서비스명 Law-Bo
서비스URL lawbo.co.kr
인증기간 2017-11-17~2019-11-16

서비스 개요

Law-Bo(로보)는 국내 최초의 지능형 법률 도우미로서, 생활 속 법률 이슈에 대한 공공응답 신속하게 해결해 드립니다.
특히, 2016년 양심 사법원 '성숙구지법' 이슈에 대한 법률 판단 서비스를 제공하고 있습니다. 각종 법령도 다양한 언어를 갖춰 전문 분야, 사용자 수준에 맞는 언어, 법적 용어 상용어 등을 제공해 드립니다. 또한 각 법적 질문에 대한 수준 및 질문에서, 판단에 도움이 되는 부속 법령과 결론에 대한 속문 단어도 자세하게 제시합니다.
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Next AI

Thank You!

www.intellicon.co.kr
Intellicon Lab