THE LAW SOCIETY OF HONG KONG 香港律師會

Second Instalment of 7th Belt and Road Conference

Legal Professionals Joining Efforts in Advancing EIGHT MAJOR STEPS to Build High Quality Belt and Road Cooperation

LexiHK

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HKGAI V1: HKGOV LLM

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首页 学习进行时 高层 时政 人事

香港推出首个人工智能大模型

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新华社香港2月25日电（记者王昕怡）由香港特区政府重点创科项目“InnoHK创新香港研发平台”资助的香港生成式人工智能研发中心（HKGAI）25日正式发布HKGAI V1大模型。这是香港首个人工智能大模型，揭开了香港人工智能发展的新篇章。

香港生成式人工智能研发中心负责人介绍，这是业界首个基于DeepSeek全参数微调、并持续训练产生的大模型。这一创新成果

Hong Kong economy *Hong Kong / Hong Kong Economy*

Hong Kong government using local ChatGPT-style AI tool powered by DeepSeek

Innovation and technology chief Sun Dong says dozens of government departments have started using the locally developed tool, named ‘HKGAI V1’

Reading Time: **2 minutes**

Oscar Liu

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❖ Core Objectives of the Guidelines

1 **Balance Innovation & Responsibility：**

Maximize technological advancement, minimize societal risks.

2 **3 Stakeholder Practical Guidelines:**

Technology Developers, Service Providers, Service Users.

3 **Hong Kong Governance:**

Align global practices with local regulations.

Traditional Chinese, Simplified Chinese, and English Version

THE SIGNIFICANCE OF THE LEGAL MODEL TO HONG KONG' S DEVELOPMENT

WHAT IT MEANS TO CITIZENS

Provide more convenient and inclusive legal services to ordinary citizens:

- Simplify legal consultations with an intelligent Q&A system.
- Lower barriers to legal services and basic information.
- Boost legal literacy and understanding of rights.
- Automate contract and document creation to cut costs.
- Minimize time and economic expenses in legal processes.

WHAT IT MEANS TO GOVERNMENT

Improve judicial efficiency, standardization and credibility. Promote the construction and standardization of the rule of law:

- Streamline case analysis and legal processes for consistency.
- Strengthen judicial work standardization and oversight.
- Employ data analytics for timely issue resolution.
- Boost decision-making with intelligent analysis of legal data.
- Facilitate cross-departmental data sharing for integrated operations.

IMPLICATIONS FOR THE LEGAL PROFESSIONAL COMMUNITY

Boost judicial and research efficiency, compliance, and legal education:

- Expedite document processing for swift judicial decisions.
- Harness big data for innovative legal research.
- Ensure compliance and manage risks through reviews and assessments.
- Advance legal education with interdisciplinary training.
- Collaborate on legal tech to refine big model solutions.

ANALYSIS OF EXISTING COMPETITIVE PRODUCTS

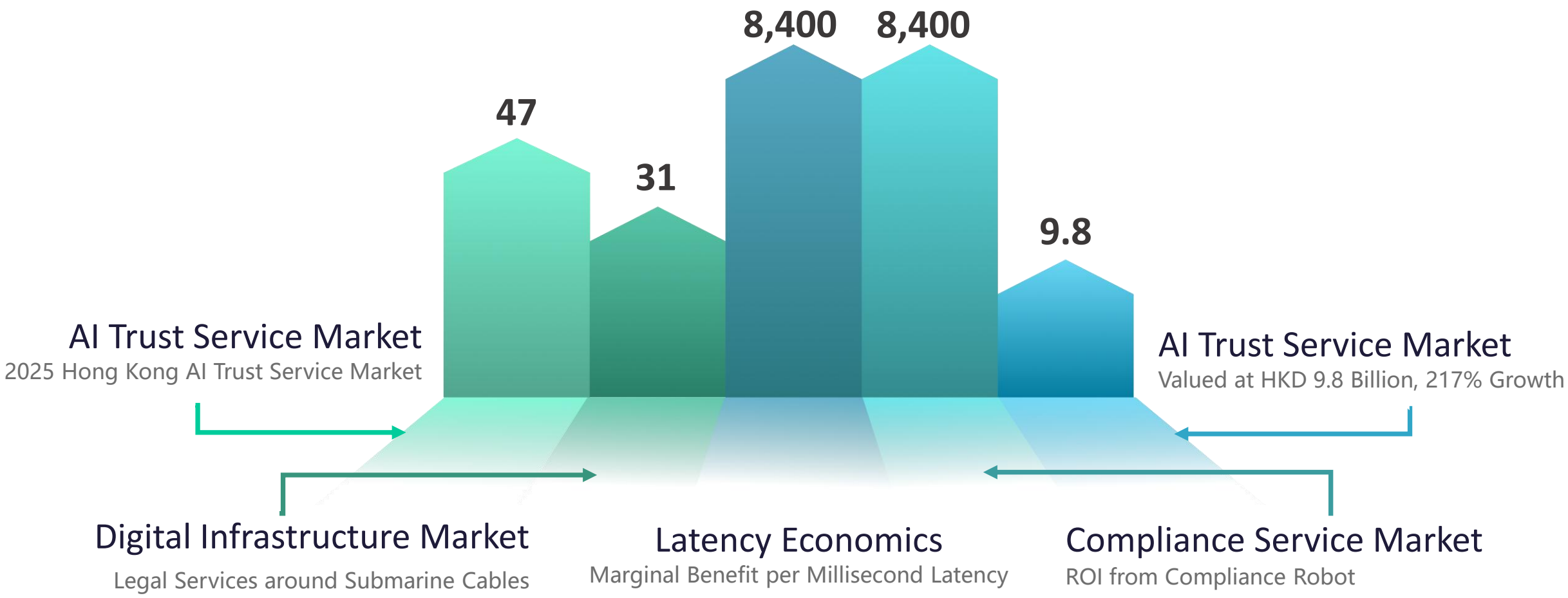
FEATURES

- The current function is purely conversational communication, and Internet search is the function of a common large-scale model chat robot. The product has not seen significant innovation.
- The legal user scenarios are mainly based on the laws of Mainland China, and there is no special optimization for the laws of Hong Kong, China and foreign countries.
- The product is relatively new and currently not well maintained. The response time is long and user login is unstable.

SUMMARIZE

- Interaction methods that are more suitable for user usage scenarios and usage habits are needed.
- Optimization requires local legal knowledge.
- Adequate server support is required to ensure product service.

MARKET VALUATION AND EFFICIENCY METRICS IN LEGAL TECH



ROLE POSITIONING: APPLICATION LAYER

Citizen Basic Legal Assistant

CITIZEN

PUBLIC LEGAL SERVICES

AI Lawyer

LIGHT LEGAL COOPERATION

Legal Affairs Assistant

GOVERNMENT

REGULATORY COLLABORATION PLATFORM

Special Affairs Assistant

LEGAL PROFESSIONAL GROUP

LEGAL FUNCTIONAL UNIT

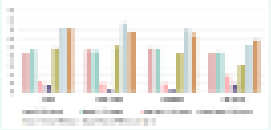
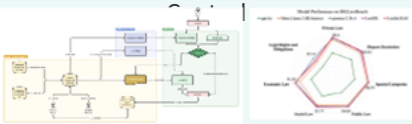
Legal Document Support System	Dynamic Decision Support	Risk Management & & Emergency Plan	Negotiation Rehearsal And Optimization Strategy Generation	Work Guidelines And Process Supervision	Online Collaboration Collaboration

LEGAL FUNCTIONAL COMPONENTS

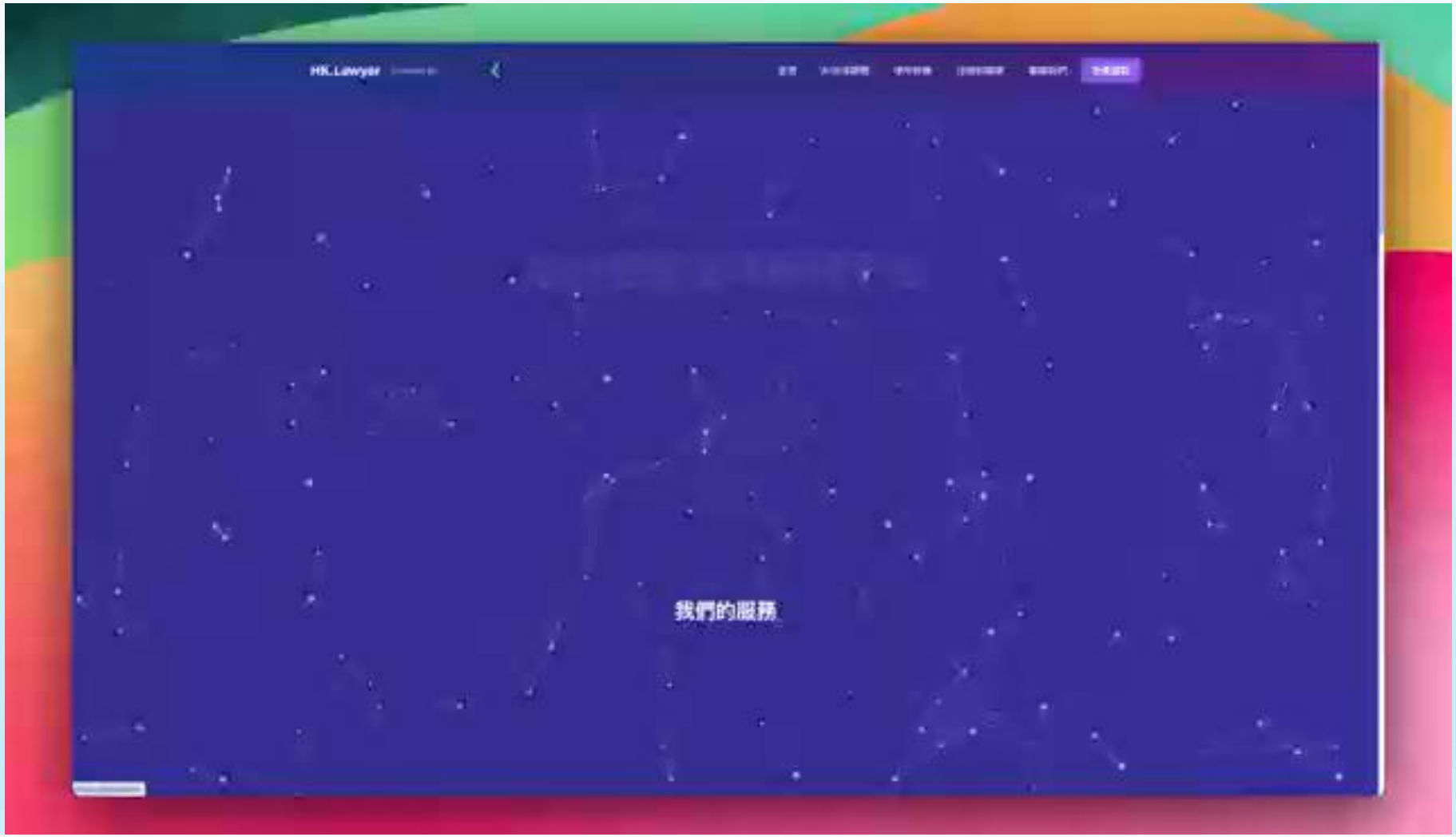
Legal Function Technology

CASE STUDY	SUMMARY GENERATION	ORDINANCE SEARCH	LEGAL DOCUMENT REVIEW	LEGAL TEXT GENERATION AND AND CUSTOMIZATION
Real-time Positioning	Legal Knowledge Map	Dictionary Tree Data Structure	Contract Fqa	Hong Kong Version Of General Legal Legal Text Template Library
Vector Search	Concept Relationship Mining	Branch Reduction Retrieval Information	Terms Diagnosis	Word Segmentation Processing
Legal Reasoning	Community Clustering Mining		Text Understanding	Topic Extraction

TOXIC CORPUS CONTROL , VALUES SAFETY AND LOCAL KNOWLEDGE EVALUATION

IDA Residual Correction, Learing & RLHF	Hong Kong Legal Knowledge Graph System	Values Safety And Local Knowledge Assessment	Hong Kong Local Legal Model And Evaluation System	Toxic Text (Toxic Corpus) Control
				

DeepSeek_Legal Model Base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ADVANTAGES OF LEXIHK

Multimodal Data Ingestion Module

Processes text, images, and audio inputs using OCR and legal-domain speech-to-text models.

Semantic Analysis & Knowledge Graph Engine

Utilizes mixed-expert models to extract key facts, timelines, and legal principles from unstructured data.

Dynamic Risk Assessment Module

Applies text analysis models to perform multi-layered compliance checks.

Document Generation Toolkit

Employs tree-based visualization tools to automate the creation of structured document sets.

Unified Workflow Integration

Integrates the entire legal workflow into a single platform.

Precision in Multimodal Analysis

Employs advanced OCR and domain-specific speech-to-text models.

Proactive Risk Management

Introduces dynamic risk assessment models.

Scalable Architecture

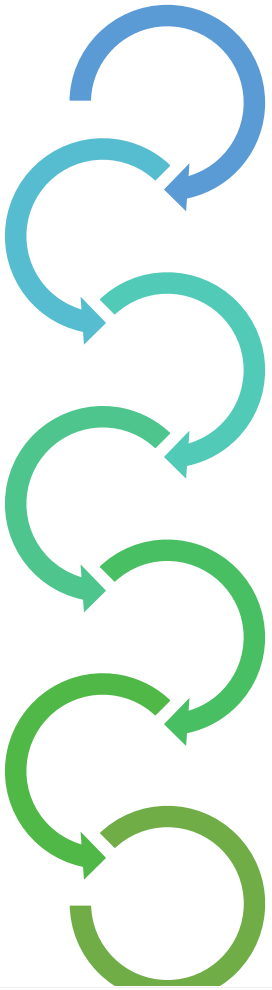
Leverages mixed-expert models and Latent Space Policy Optimization.

LEGAL TECHNOLOGY MARKET GROWTH AND OPPRTUNITIES

2025
Global legal AI market projected at HKD 106.47billion

2030
Hong Kong legal technology market projected to reach HKD86.7 billion

2030
Hong Kong's share of global legal AI market at HKD 6.08 billion



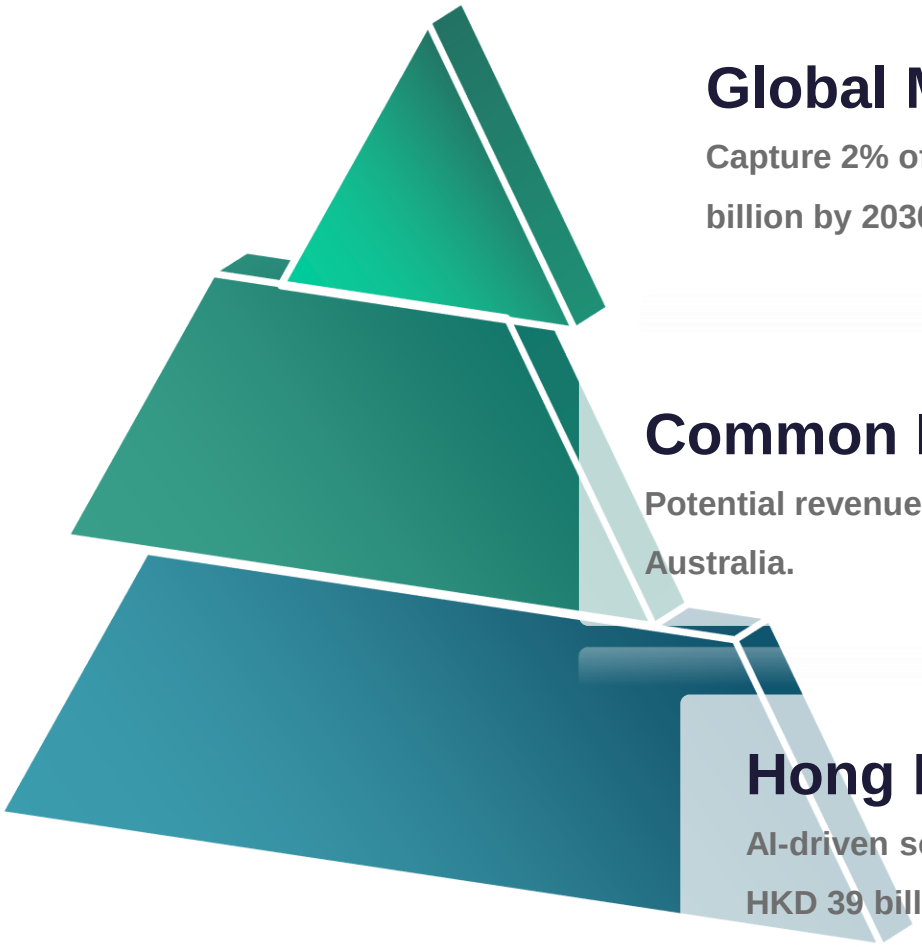
2025
Hong Kong legal technology market expected to reach HKD100 billion

2025
Hong Kong's share of global legal AI market at HKD 2.13 billion

2030
Global legal AI market expected to grow to HKD304.2 billion

2034
Global legal technology market projected to reach HKD 5,420 billion

LEGAL TECHNOLOGY MARKET GROWTH AND OPPRTUNITIES



Global Market

Capture 2% of the global Legal AI market, generating HKD 2.13 billion in 2025 and HKD 6.08 billion by 2030

Common Law Regions

Potential revenue of HKD 74.95 billion in the United States, United Kingdom, Singapore, and Australia.

Hong Kong Market

AI-driven solutions are expected to account for 39% of the market, with an estimated size of HKD 39 billion.

Thank you so much!

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