

Tau Intelligence Limited

Document Analytics with NLP and Gen AI – Revolutionizing AI-Assisted Contract Review

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About TAU Intelligence

TAU is a **startup** established by **world-renown AI expert Professor Kwok Yan Lam**. Specializing in **Generative AI technologies** within the **Legal and Cybersecurity field**, our mission is to pioneer transformative technologies that empower businesses and organizations.

Our existing customers include:

- **Ministry of Foreign Affairs** of a country in the region.
- **Attorney General's Chamber** of a country in the region.
- **Cybersecurity Agency** of a country in the region.
- **Jardine Matheson**

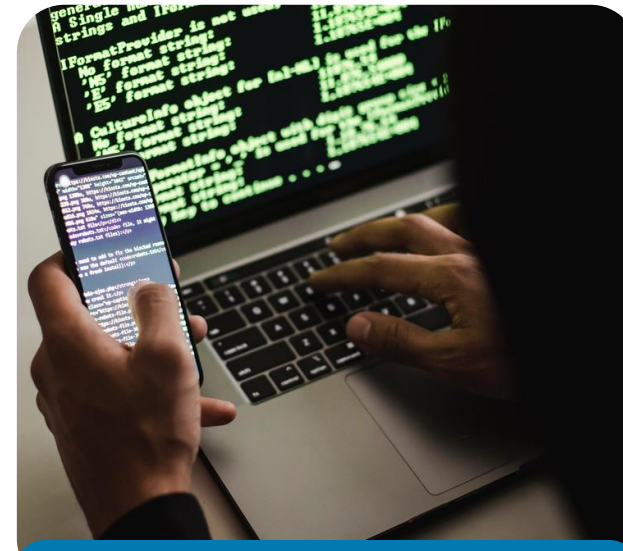


TAU's Integrated Solution Portfolio



ACE: Agreement and Contract Evaluation

Gen-AI–powered automated legal clause analysis and alignment for faster, more consistent contract review.



CLEAR: Legal & Document Intelligence

Intelligent legal document search and analysis. Key functions include clause recommendation and document comparison.



SAG: Security Advisory Generation

Document analytics of security vulnerability alerts and auto-generation of cyber security advisory Report.

Existing Pain Points of Contract Review



High Legal Costs

High external legal counsel costs per contract review, consuming budgets while forcing to choose between legal protection and cash flow.



Time-Consuming Manual Processes

Inefficient use of time from manual contract reviews, creating weekly delays in partnership deals and postponing critical business decisions.



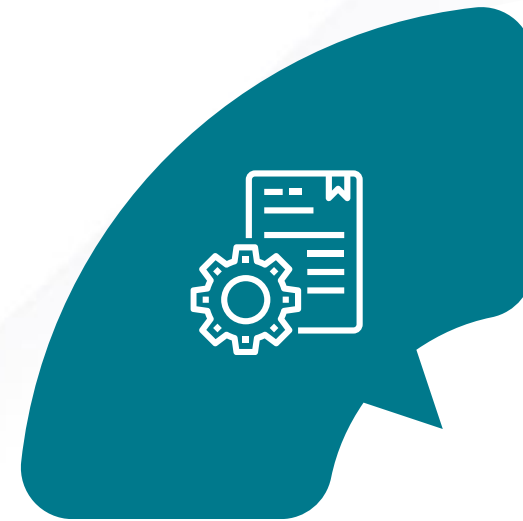
Inconsistency & Risk

Different team interpretations of contract terms create compliance risks, inconsistent standards, and missed renewal deadlines that expose businesses to legal vulnerabilities.

ACE - Our Gen-AI Legal Assistant

Boosting Legal Productivity

ACE provides equivalent analysis to a junior associate, handling routine contract reviews while freeing senior lawyers for strategic work.



ACE

**Legal Excellence
Delivered**

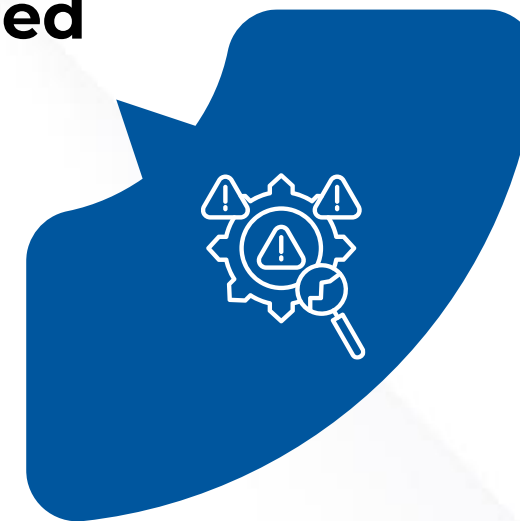


Flexible Deployment Options

On-premise deployment for full data sovereignty vs cloud deployment for enhanced efficiency.

Guaranteed Risk Detection

Automatically flags high-risk clauses and missing critical provisions with 90% accuracy.



AI Safety Leadership

Built-in AI safety mechanisms ensuring responsible deployment.

Ideal for high-volume contract processing—optimizing legal workflows for efficiency and accuracy.

ACE automatically identifies clauses in the draft contract that corresponds to the relevant clauses in a company’s policy or contract template and flags out similarities or differences



Corporate Agreement Documentation Standards

Project A - Master Agreement.pdf

Demo

Export UnMatched

Export

ID	ISSUE	CLAUSE REFERENCES [TEMPLATE]	CLAUSE MAPPED [AGREEMENT]	REQUIREMENT ANALYSIS RESULT
2	Lorem ipsum Law Clause	29.Lorem ipsum dolor sit amet consectetur [29.1]	[16] a Lorem ipsum et Law Resolution	Yes "1. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore ? Yes, the clause fulfills this Requirement. Explanation: The clause states, "Lorem ipsum dolor sit amet, consectetur adipiscing elit sed do eiusmod tempor." This clearly indicates that incididunt ut labore et dolore magna aliqua Ut enim ad minim veniam Relevant original source text: " Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua."
3	Lorem Resolution Clause	29.Posuere morbi leo urna molestie at [29.7, 29.8, 29.9]	[16] a Lorem ipsum et Law Resolution	Yes
4	Lorem ipsum dolor sit Clause	15. Lorem ipsum Rights	10 Lorem ipsum 2 Lorem; ipsum; dolor sit	Yes
5	Lorem ipsum Clause	15. Lorem ipsum Rights [15.3, 15.7]	10 Lorem ipsum 2 Lorem; ipsum; dolor sit	Yes
6	Diam sollicitudin tempor id eu Posuere morbi Clause	16. Sit amet mauris commodo [16.4, 16.5, 16.7] 21. Scelerisque [21.4, 21.5]	[11] a Mi ipsum faucibus [11] b Nulla pharetra diam [11] e Eposuere morbi leo [11] f Viverra justo nec ultrices	Yes
7	Purus in massa tempor nec	7. Mi umpsum [7.1] 21. Consequat [21.1, 21.2]	[11] a Mi ipsum faucibus [11] b Nulla pharetra diam [11] f Viverra justo nec ultrices	Yes
8	Scelerisque felis imperdiet proin fermentum.	10. Nascetur	5.1 ullam ac tortor vitae purus faucibus ornare suspendisse sed nisi 5.3 Nunc pulvinar sapien et ligula ullamcorper malesuada proin 5.5 t odio pellentesque diam volutpat commodo sed egestas egestas	No
9	Eu tincidunt tortor aliquam nulla facilisi cras	22.Lacus suspendisse	[13] a Vestibulum morbi blandit [13] b Nulla pharetra diam [13] e Eposuere morbi leo [13] d Nec ullamcorper sit amet	No

- 1
- The template clause retrieved from the contract template.
- 2
- Clauses identified within the draft contract that are relevant to the contract template clause.
- 3
- LLM-empowered clause alignment analysis, flagging out deviations from the company’s template clauses.

ACE offers a variety of comprehensive reports designed to enhance and streamline the legal review process

NO	ISSUE	CLAUSE REFERENCES [TEMPLATE]	CLAUSE MAPPED [AGREEMENT]	REQUIREMENT ANALYSIS RESULT
1	Vulputate erat nec hendrerit torquent	29. Libero erat maecenas quis ex parturient [29.2]	[16e] Vulputate erat nec hendrerit torquent et al	Yes
2	Mattis ante habitasse convallis magnis	29. Libero erat maecenas quis ex parturient [29.3, 29.4] 30. Sollicitudin cursus pellentesque [30.1]	[16e] Vulputate erat nec hendrerit torquent et al [16g] Libero erat maecenas quis ex parturient [16a] Estibulum adipiscing sollicitudin senectus vivamus orci [16c] Vel class facilisis suspendisse aliquam massa leo [16d] Suspendisse tellus tellus aptent	Yes
3	Vel class facilisis suspendisse aliquam massa leo	15. Mattis ante habitasse convallis magnis [15.2, 15.3, 15.4] 16. Vel class facilisis suspendisse aliquam [16.1, 16.2, 16.3] 21. Mollis nibh nullam posuere luctus [21.2, 21.3] 32. Sollicitudin cursus pellentesque condimentum dis [32.1]	10 Tortor mus at lorem turpis tempor accumsan 2 Habitasse ipsum netus dignissim [11d] Ex habitant feugiat hac purus curabitur luctus [12a] Suspendisse tellus tellus aptent [12b] Per dictum curabitur mattis [11a] Magnis urna potenti potenti mi iaculis	Yes
4	Libero erat maecenas quis ex	15. Mattis ante habitasse convallis magnis [15.2] 16. Vel class facilisis suspendisse aliquam	10 Tortor mus at lorem turpis tempor accumsan 2 Habitasse ipsum netus dignissim [11] Ex habitant feugiat hac purus curabitur luctus	N/A
5	Tortor mus at lorem turpis	15. Mattis ante habitasse convallis magnis [15.2, 15.3, 15.4] 16. Vel class facilisis suspendisse aliquam [16.1]	10 Tortor mus at lorem turpis tempor accumsan 2 Habitasse ipsum netus dignissim	N/A
6	Ultrices porttitor velit id	19. Sagittis nullam odio ligula [19.2] 21. Suspendisse tellus [21.2, 21.3]	[12a] Sollicitudin cursus pellentesque [12b] Per dictum curabitur mattis [11a] Magnis urna potenti potenti mi iaculis	Yes

Figure 1: Full Report, including prompts used to evaluate each incoming clause

Updated: 2024-11-07

Agreement: Master Agreement.pdf				
Ref no.	Topic	Issue (Prompts)	Explanation	Recommended Response
1	Lorem ipsum odor amet	Lorem ipsum odor amet, consectetur adipiscing elit [t4]	Lorem ipsum odor amet, consectetur adipiscing elit. Maximus neque suspendisse vehicula eros enim fringilla. Pretium cursus platea tortor justo vel sodales. Porttitor ullamcorper morbi arcu consectetur vulputate ac praesent. Mus curae aliquet, commodo sit aptent magna vivamus. See Agreement [[02] 02 Leo pharetra]	Maecenas maximus laoreet amet amet bibendum habitasse mauris cubilia. Tristique lacus aenean; eget eu maecenas mus maecenas euismod.
2	Ligula mattis libero varius enim mus curabitur pellentesque cursus. [5]	Ligula mattis libero varius enim	no relevant clauses to maecenas mus maecenas euismod.	Leo pharetra ac neque; mollis fusce elit vestibulum. Maecenas maximus laoreet amet amet bibendum habitasse mauris cubilia. Tristique lacus aenean; eget eu maecenas mus maecenas euismod.
3	Lorem ipsum odor amet, consectetur adipiscing elit [7]	Lorem ipsum odor amet [t1]	The clause states that hac erat diam lacinia tristique congue. Metus eget luctus scelerisque mollis nascetur mus aenean. Neque purus sapien leo habitasse ultrices? Auctor sapien cursus nisi a consequat aliquam egestas sociosqu ligula. Venenatis odio ut tempus; class primis nullam faucibus. Porta netus mus vitae magnis molestie. See Agreement [[10] a Efficitur tellus iaculis placerat]	Neque purus sapien leo habitasse ultrices? Auctor sapien cursus nisi a consequat aliquam egestas sociosqu ligula. Venenatis odio ut tempus; class primis nullam faucibus.
4		Efficitur tellus iaculis placerat condimentum [t2]	The clause does not specify that the indemnification provided by the Client is limited to intellectual property infringement only. It states that the Client will indemnify the Supplier for any losses related to the violation or infringement of any third-party intellectual property rights by the Software or any authorized use of the Software by the Client, its Affiliates, and/or their respective Authorized Users. See Agreement [[10] b Donec eu commodo ante]	Porta netus mus vitae magnis molestie. Commodo facilisis velit netus justo; accumsan cubilia montes posuere pharetra. Eros non id pellentesque integer ornare

Figure 2: Concise Report of Non-Compliant Clauses with LLM-Generated Recommended Responses

Ensuring AI Safety: TAU's Approach to Accurate Legal Analysis

Advanced Data
Ingestion Techniques

Sophisticated use of
Retrieval Augmented
Generation (RAG)
Techniques

Understanding the
shortcomings of
LLMs



Incorporating
Chain of Thought
(CoT) and
Reasoning

Use of Few-Shot
Context

Responding with
high certainty

Case Study - AI-Assisted Contract Review

Jardine Matheson deployed ACE to streamline 3rd party contract reviews

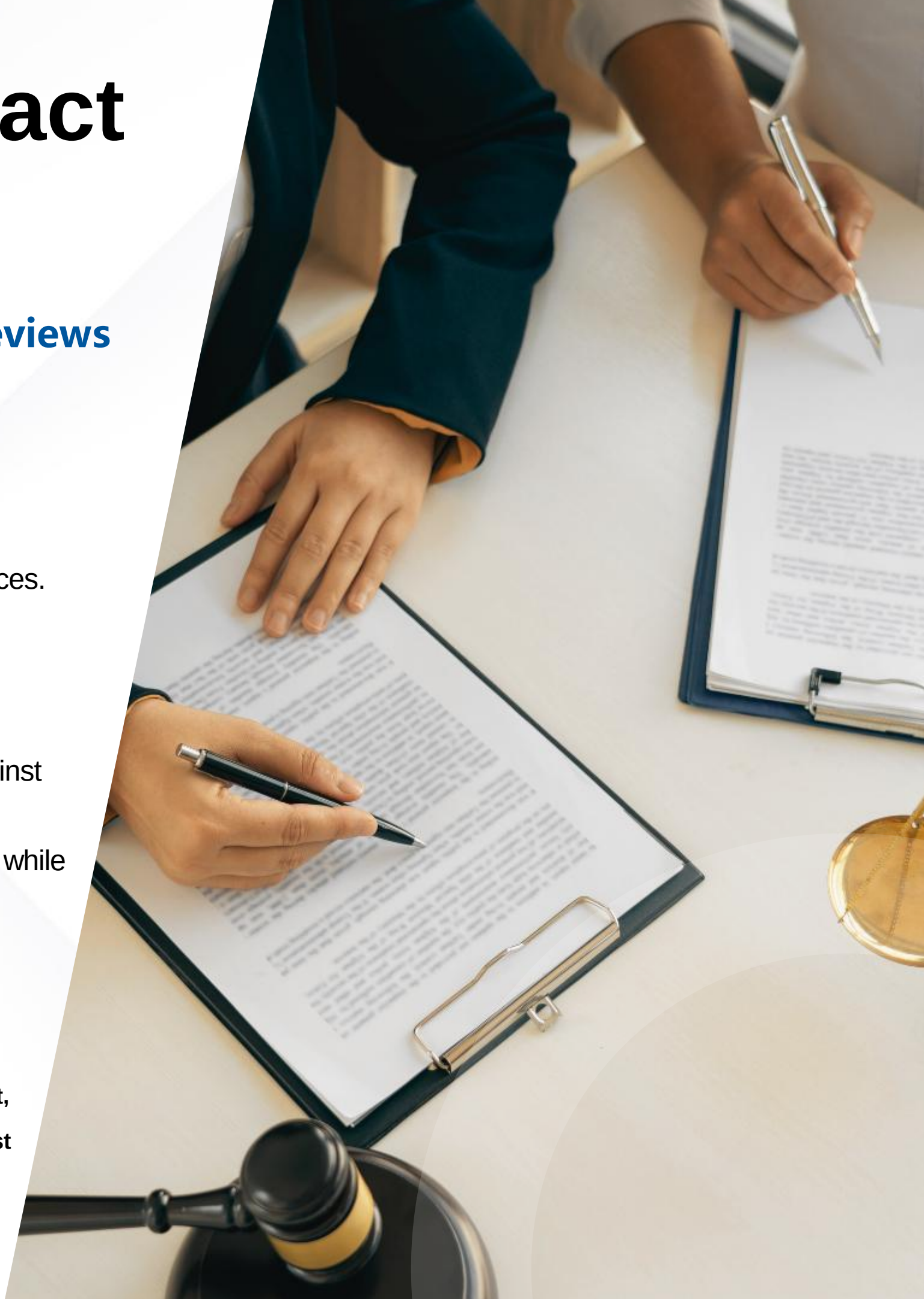
Key Challenges

- The client regularly engages 3rd party vendors to provide services from management consulting to HR.
- Legal counsel must review the incoming agreement against their internal playbook and identify differences.

Value Creation

- ACE supports legal counsel by automatically matching relevant clauses within the draft agreement against the internal playbook and identify similarities or deviations between the two documents.
- Increases productivity by shortening the contract review process by 85%, from 3-5 hours to 30 minutes while achieving a 90% accuracy, allowing legal-counsel to focus on value-adding tasks.

Jardine Matheson Group was founded in 1832 and is headquartered in Hong Kong, China. Its portfolio includes renowned brands such as Hong Kong Land, Dairy Farm, Mandarin Oriental Hotel Group, Wellcome Supermarkets, 7-Eleven, Pizza Hut, Mannings, and Maxim's Catering Group. In the 2024 Fortune Global 500 ranking, Jardine Matheson Group secured the 421st position.



Jardine Matheson

“Over the past 18 months we have been collaborating with Professor Lam Kwok Yan of NTU and the rest of the team at TAU Intelligence, on co-developing ACE for our legal contract review work – a highly fruitful and rewarding experience. Together, we focused on addressing some of the key challenges facing lawyers, particularly around data protection and ensuring the provenance of AI-generated output.

Like many companies we’ve been on a journey as we seek to understand and apply AI. Given Professor Lam’s deep expertise – including his research leadership in AI safety - this collaboration has given us the confidence that we can trust and verify the output of ACE, in turn helping us save time on contract review, without compromising on accuracy.”

John Koshy

Head of Group Legal Affairs at Jardine Matheson



THANK YOU



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