



XLSCOUT Seminar with **NGB**

**Transforming IP Strategy with AI and
LLMs: From Ideation to Protection
and Monetization**



Presentation Agenda

1. Introduction of XLSCOUT and Our Vision
2. Why AI in R&D and IP: Market & Economic Trends
3. XLSCOUT Platform Overview & Key Modules
4. Live Demo: Licensing & Invalidity Modules
5. Use Cases and Strategic Impact
6. Q&A and Discussion

Our Speakers



KOMAL SHARMA TALWAR

Founder – XLSCOUT & TT Consultants

- Second-time Entrepreneur – Founded and Scaled TTC & XLSCOUT Globally
- Winner of International Entrepreneurship, IP and Innovation Award
- CNBC Young Turk, Forbes Feature, WEF and YPO member
- Part of the Govt committee to draft the AI policy for India



HIROYO CLEMENTE

**Director – Business Development
Tokyo, Japan**

- With global experience in IP law practice, Hiroyo specializes in patent strategy and academic-industry collaboration.
- She has led IP business development initiatives and supports the implementation of AI-powered IP analytics solutions.



YUJI ORITA

Director, NGB Corporation

- 25+ years of experience in the IP Industry
- His expertise includes standard-essential patent (SEP) landscape analysis, SEP essentiality search, IP transactions and brokering
- IAM 300 Strategist



EVENPREET SINGH

**Product Manager – Customer Success
(Japan)**

- 6+ years of experience in the IP Industry – with expertise in IP Research, Product R&D, Marketing & Customer Success
- Global Experience of working with senior members of IP and R&D teams

TT Group



Patent Search, Analytics & Market Research

- Industry leaders in providing AI-first Solutions & Services
- 19+ years of experience in IP & Innovation Industry
- 5,000+ global clients including Fortune 100 & 500 companies



AI & LLM based Platform

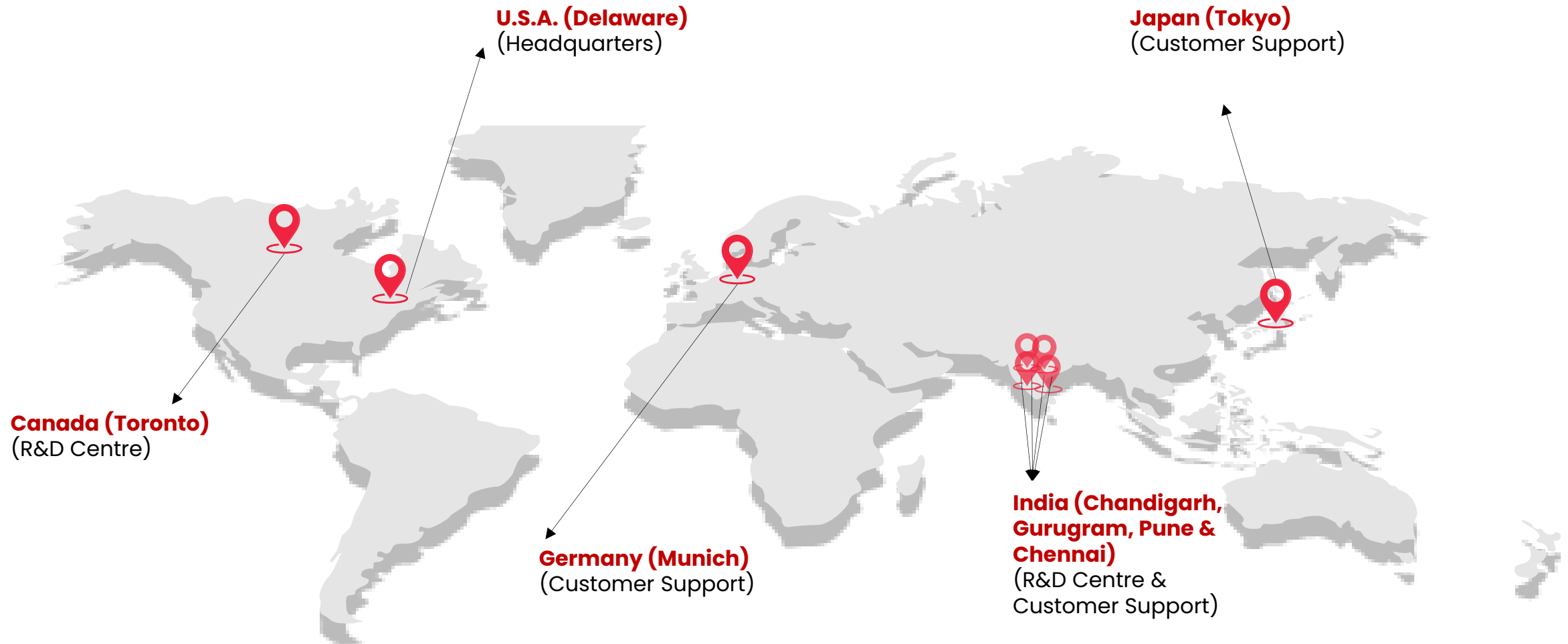
- Integrated Innovation, Patent Search & Monetization Platform
- With a Global clientele, including a strong client base in Japan
- Featured in Forbes Japan & Nikkei Business Daily
- Available in English & Japanese



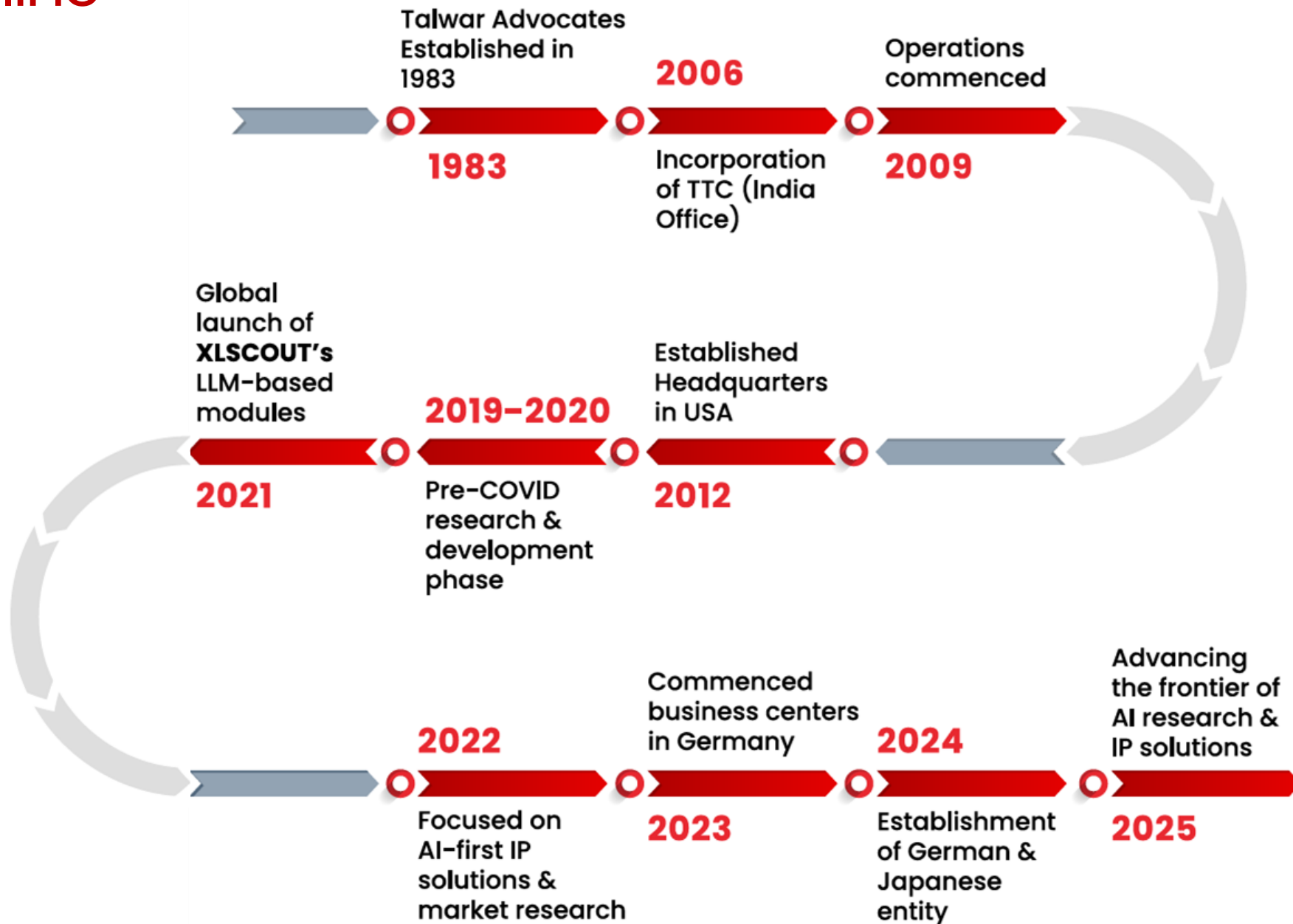
Talwar Advocates Global Boutique Law Firm

- Leader in Intellectual Property, IP Litigation, and Commercial Advisory, Contracts & Transactional Work
- Expertise in Patent, Trademark, Copyrights & Data Protection Matters

Global Presence

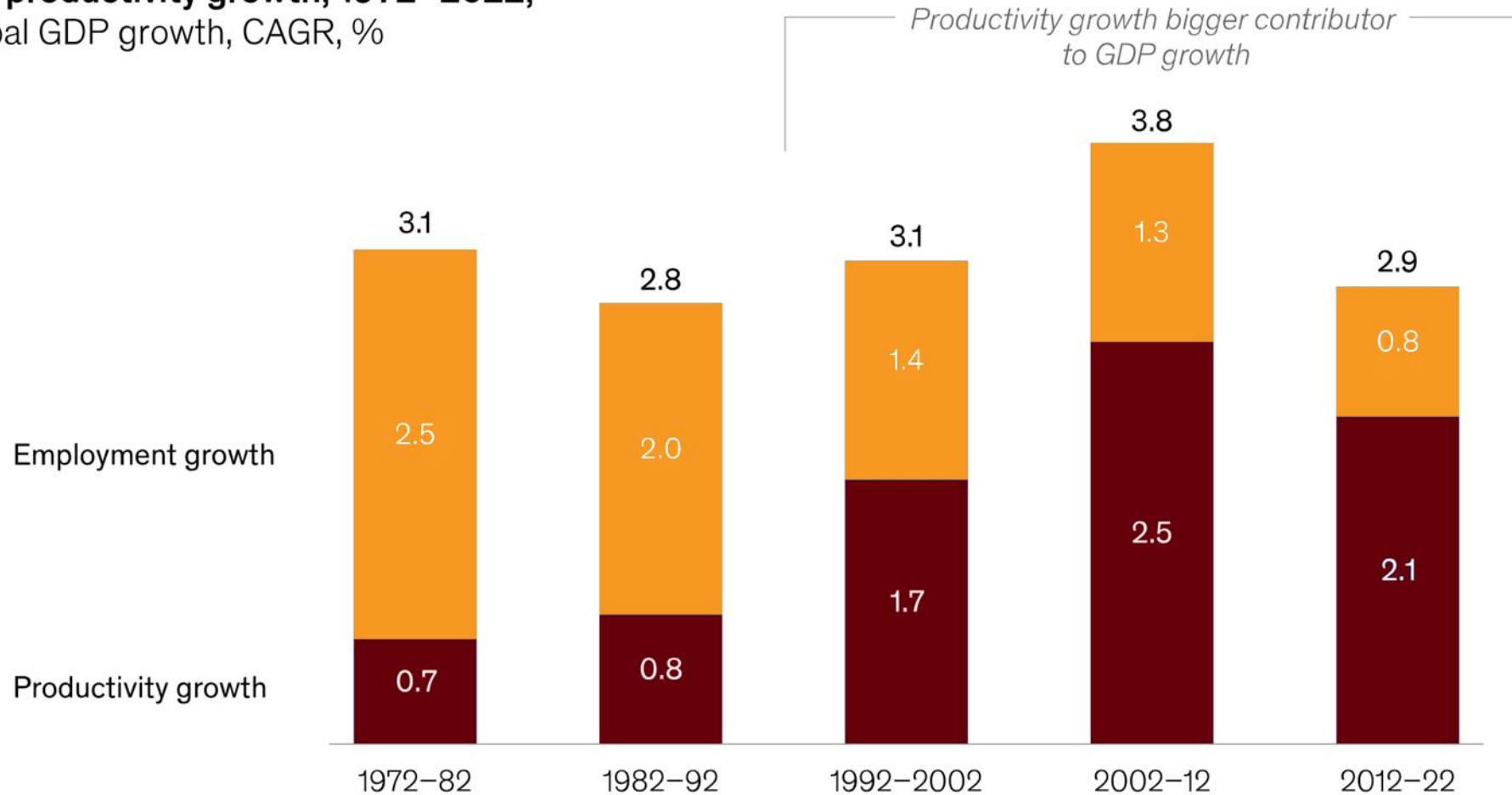


Timeline



Unlock the Next Wave of Productivity with AI

Real GDP growth contribution of employment and productivity growth, 1972–2022, global GDP growth, CAGR, %



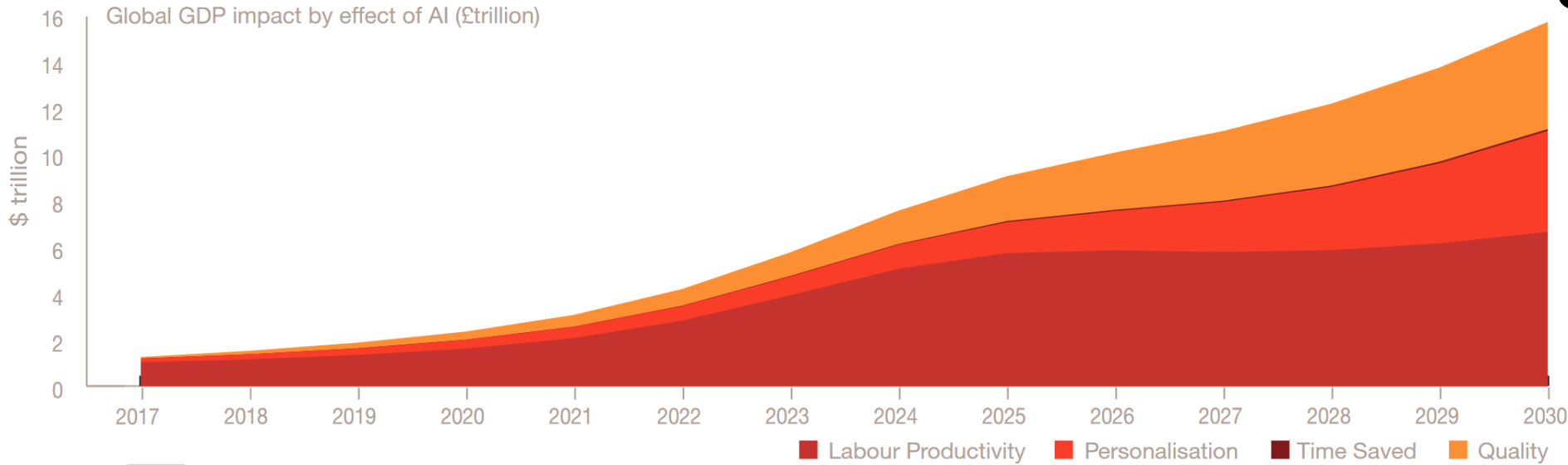
Source: Conference Board Total Economy database; McKinsey Global Institute analysis

Transformative Impact of AI on Productivity

\$15.7 Trillion

-Game changer-

- AI is poised to be a game-changer, with the potential to contribute \$17.5 trillion to the global economy by 2030.
- This vast potential is driven by increased productivity and consumption-side effects, marking a significant shift in the economic landscape.



Labour productivity improvements are expected to account for over **55%** of all GDP gains from AI over the period 2017 – 2030.



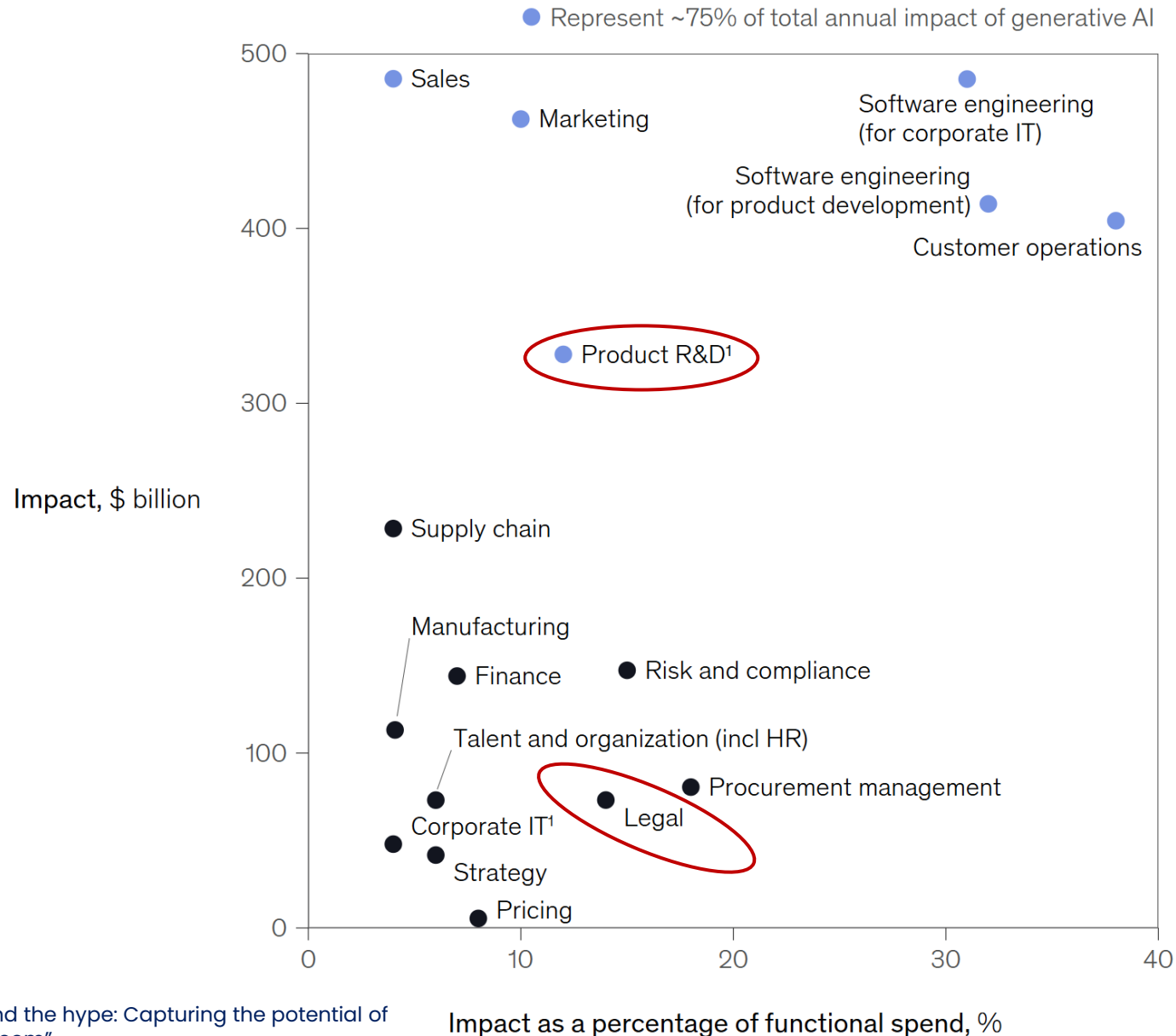
As new technologies are gradually adopted and consumers respond to improved products with increased demand, the share of impact from product innovation increases over time.

58% of all GDP gains in 2030 will come from consumption side impacts.

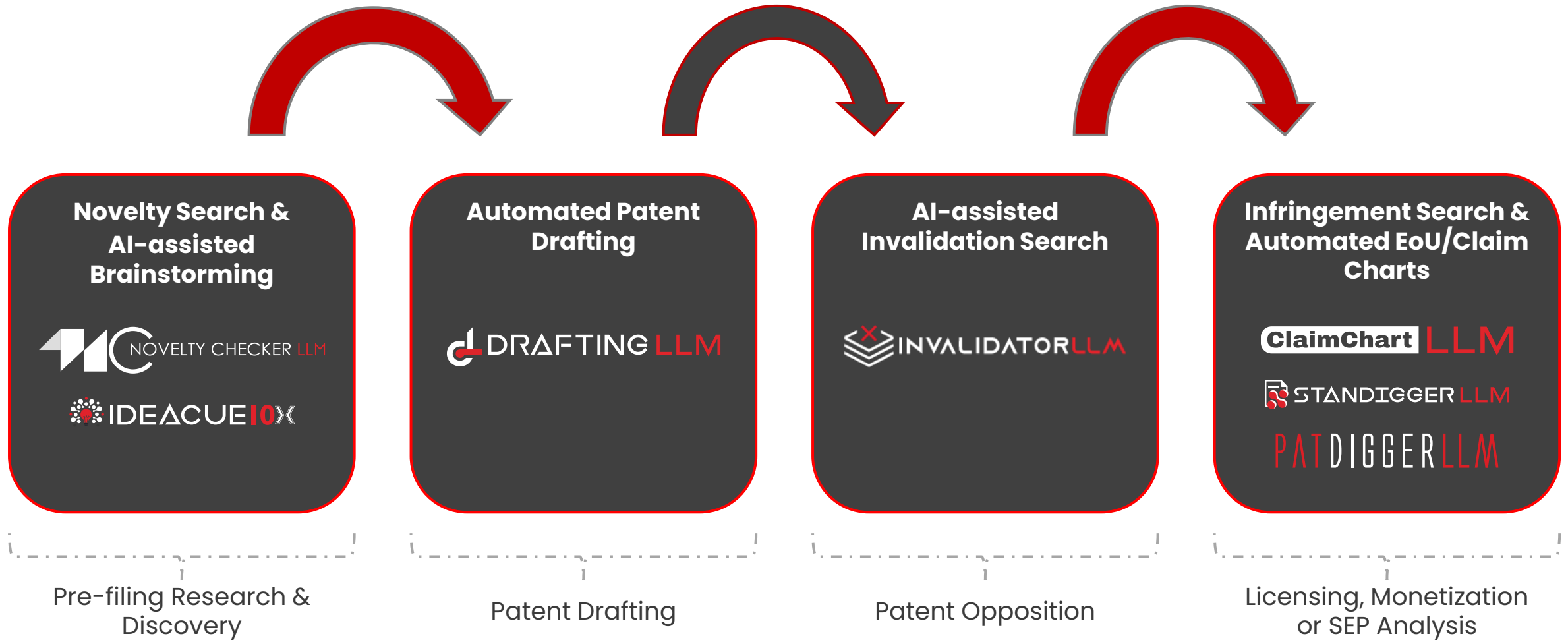


Source: PwC analysis

AI's Economic Impact on Key Corporate Functions



XLSCOUT – Integrated Platform for Innovation & IP



Underlying Data & Research Collaborations

Academic & Research Partners



LLM & AI Models Partners



US Patented Technology (Granted US Patents – US11386146, US-12045280)

175M+

Patents from
100+ Countries

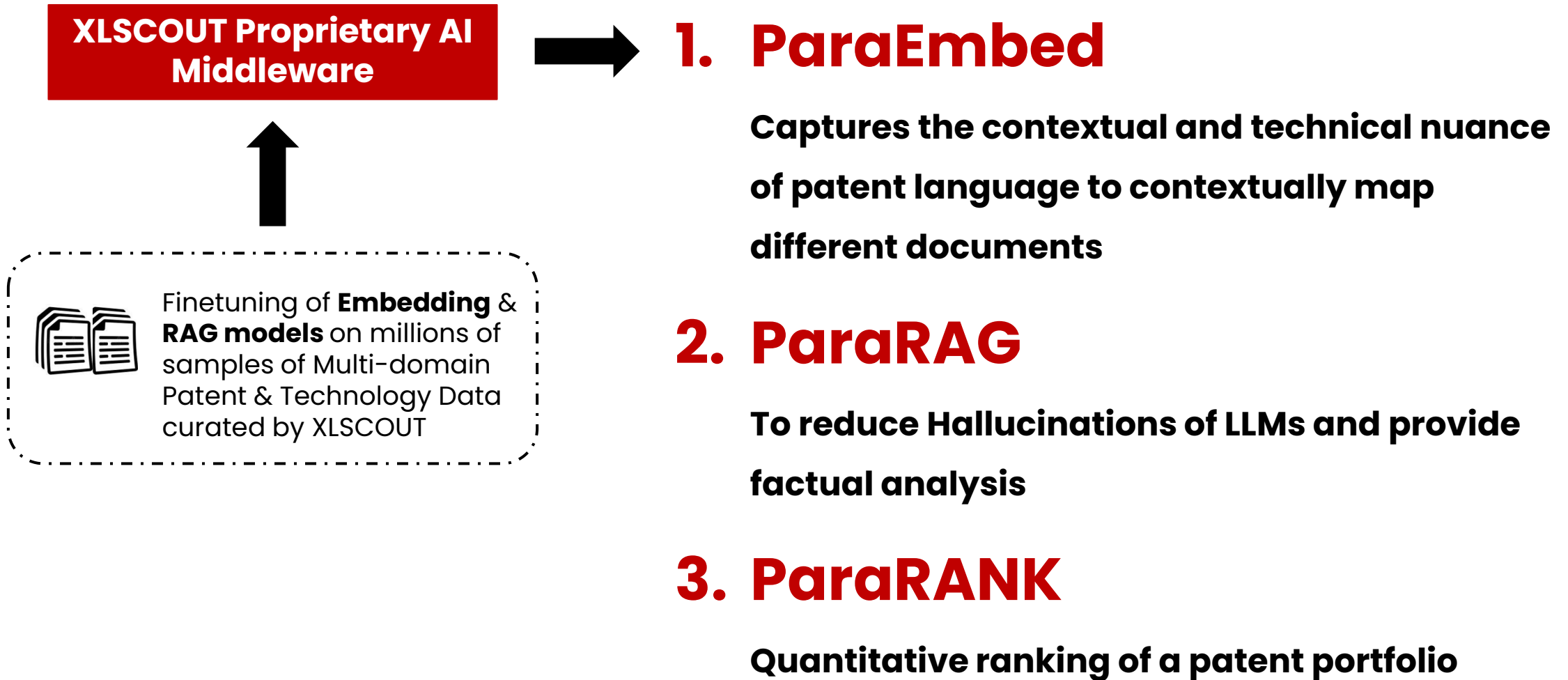
220M+

Non-Patent Literature
(Bibliographic)

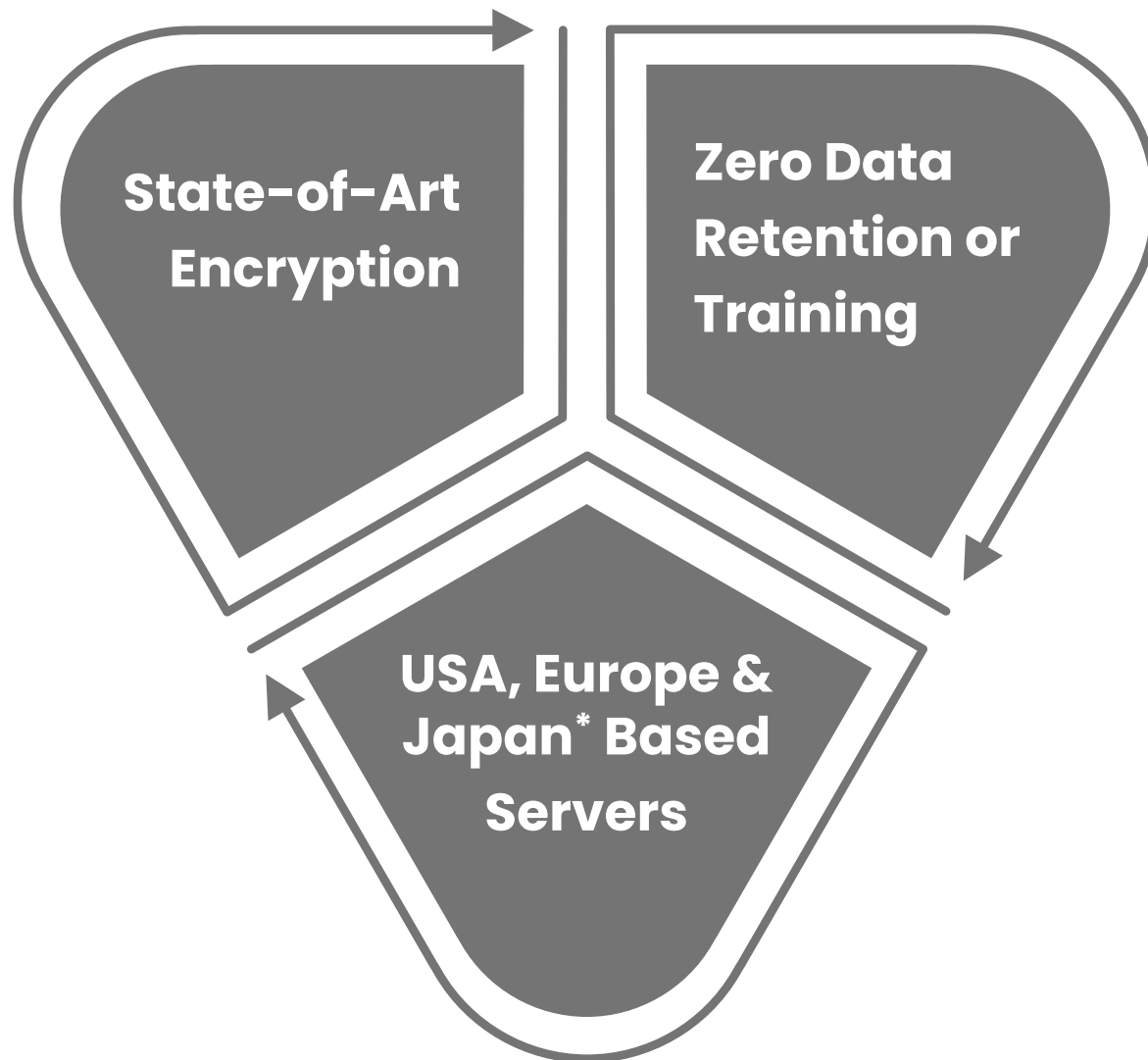
100+

Jurisdictions

Our Proprietary Technology



Your Data is Most Secure!



**SOC2 Type 2
Certified**



GDPR Compliant

**90.6% Score on
Assured Security
Assessment#**

* Data at rest will be stored in Japan
Score

Pain Points Of Traditional Licensing Solutions

Licensing Pain Points

- High Stakes, avg. deal ~ \$10Mn
- Time-Consuming & Resource-heavy workflows
- Not Scalable for large portfolios
- Missed licensing opportunities due to Limited Bandwidth

| | Traditional Approach | XLSCOUT |
|-----------------------------|---|--|
| Evaluation Time | Weeks to months for full analysis | Hours to Weeks → 10X Faster |
| Cost | High manual effort → High operational cost | Automated workflows → 5X Cheaper |
| Scalability | Limited to small patent batches | Analyze 1,000+ patents simultaneously |
| Real-Time Monitoring | Difficult to implement; relies on manual, periodic checks | 24/7 automatic detection of potential infringements |

Claimchart LLM – Single Patent Analysis

Our Methodology

- Submit your **Patent**
- Identify **Target Companies**
- Get **Overlapping Products**
- Get **Automated Claim Charts**

Why Choose **Claimchart LLM**?



75% time efficient compared to conventional/manual methods



Only platform to automated claim chart analysis



Provides interpretations & reasonings that human may sometimes overlook

Use-Cases:

- **Infringement Analysis:** Map products to a patent
- **File more CONS/CIPs:** Identify relevant products to enable continuations.
- **Finalize Claim Scope:** At NOA, before issuance fee payment, modify claims to ensure higher relevancy.
- **Evidence of Use (EoU):** Generate reliable automated claim charts for licensing negotiations or litigation.
- **Market Relevance:** Gauge the patent's market relevance and potential revenue impact

TRANSFORMING LICENSING WORKFLOWS



Identify Gold Patents in your Patent Portfolio



Get AI-generated Claim Charts for Chosen Patents

Our Methodology

- Upload your **Patent Portfolio**
- Identify **Target Company**
- Discover **Top Patents linked to Potentially Infringing Products**
- Get **AI-Generated Claim Chart** for your key Patents

Use-Cases:

- **Competitive Intelligence:** Spot tech overlaps with competitors to identify infringement zones and market positioning.
- **Portfolio Pruning & Monetization:** Identify gold patents to focus on high-value assets; prune low-impact ones.
- **Targeted Licensing:** Discover companies with overlapping products for strategic licensing outreach.
- **Valuation & Deal Support:** Use patent rankings to support licensing terms, sales, and valuation discussions.

Core Use Cases

- Mapping Patents to Standards
- Identify SEP's in Large Patent Portfolios
- Checking Essentiality of declared SEP Patents

Comprehensive Standards Coverage

ETSI/3GPP, IEEE, ITU, and IETF, and many more

++ User-defined Standards

Key Highlights of Standigger LLM



60% Faster:
Save time with
advanced automation



**Image, Flowcharts, and
Sequence Diagram
Recognition,**
differentiating from
textual content

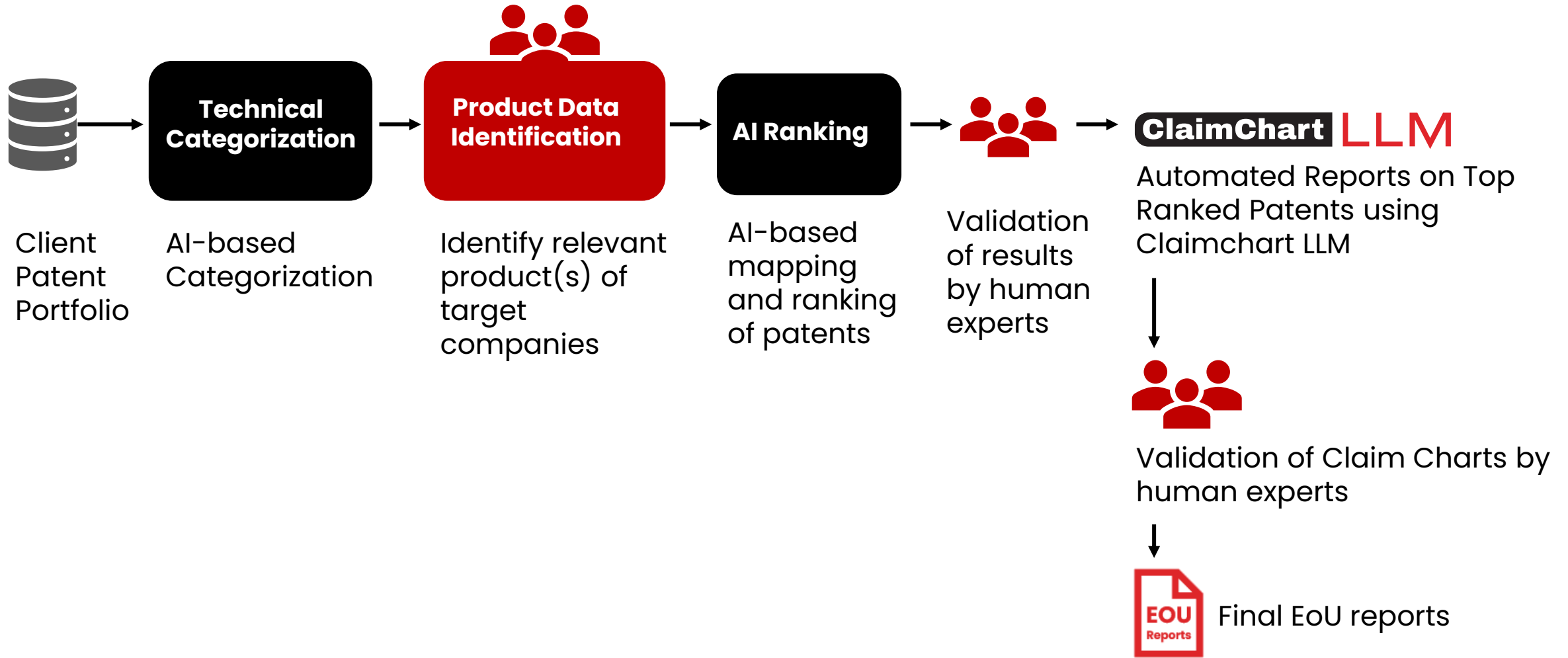


**Automatic extraction
of section and sub-
section, maintaining
the overall context**



Automated Reporting:
High-quality patent
claim to standard
mapping

Human in the Loop – Large Patent Portfolio Methodology



Use Cases:

- Valuation of portfolio during M&A
- Invalidating portfolio of non-practicing entities
- Finding prior art against asserted patents
- Conduct pre-licensing validity checks

Key Highlights of New Invalidator LLM

76%

Invalidator LLM mirrors the precision of expert human searchers, identifying **76%** of the prior art results they find manually

48%

48% of the relevant prior art results identified by human experts are captured within the Top 10 results by Invalidator LLM

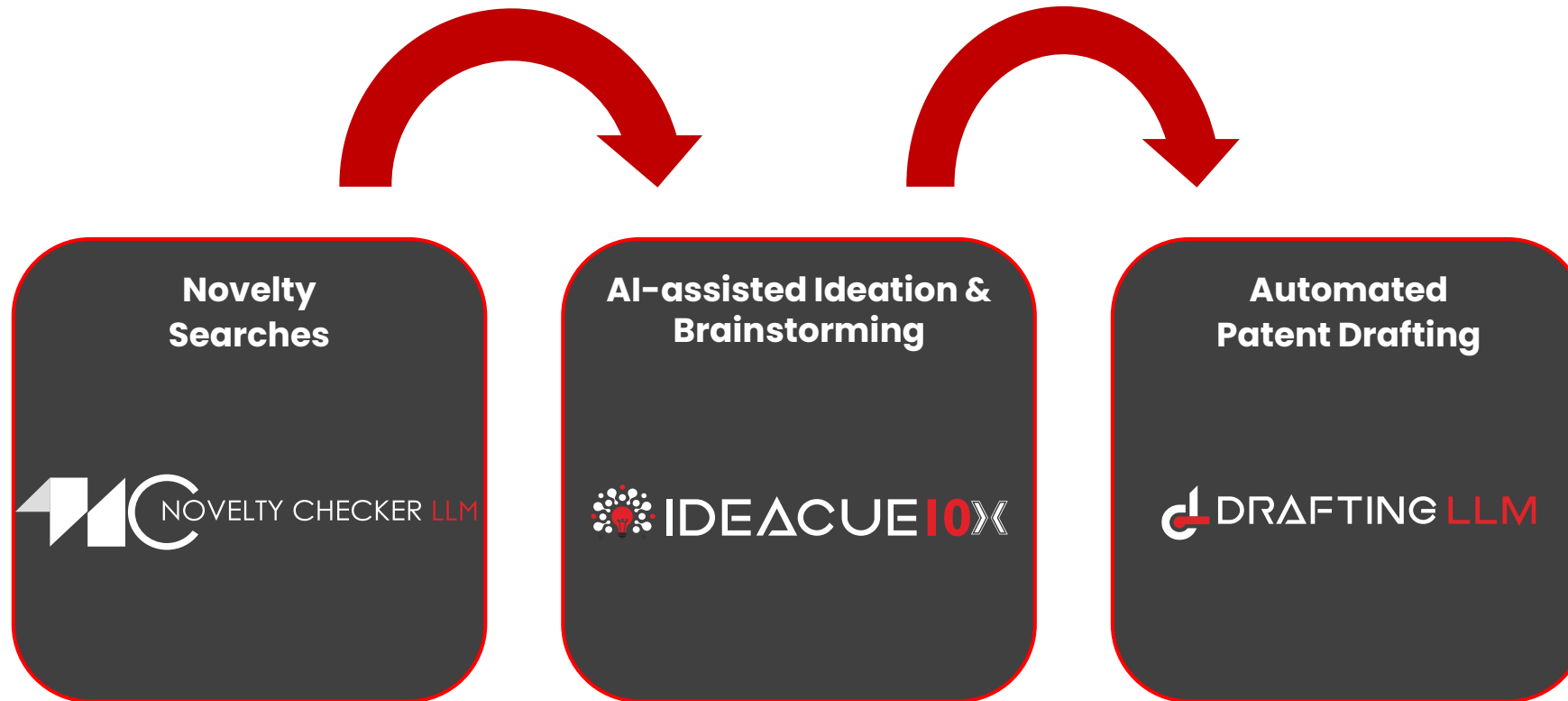
90%

90% more accurate than other free search tools

8X

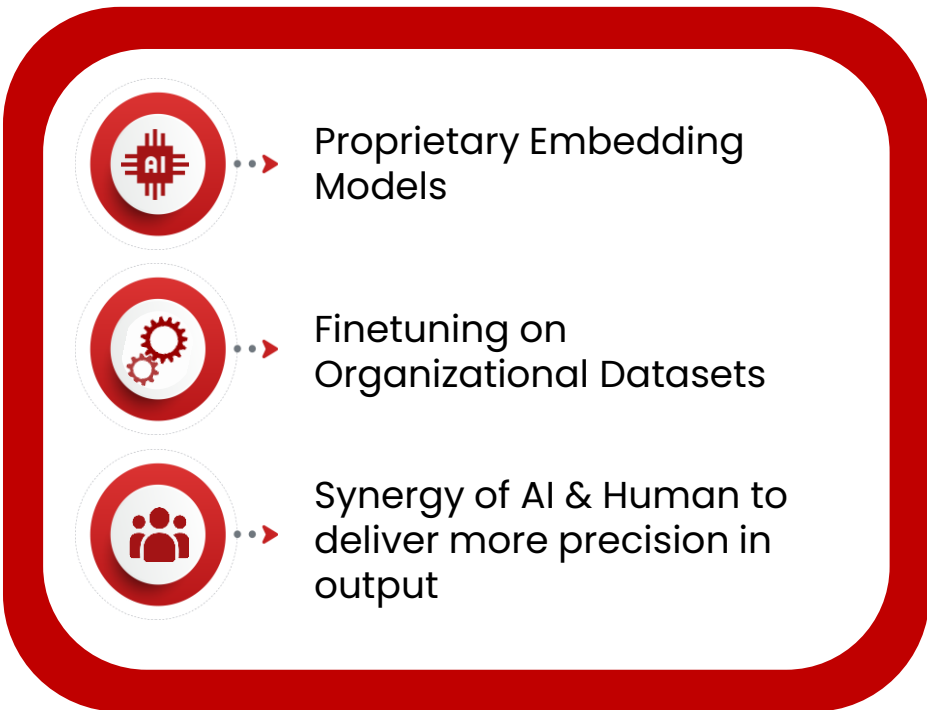
8 times more accurate than paid alternatives

XLSCOUT Prosecution Workflow



VIDEO

AI Tailored For You!



Transforming 100+ corporations globally

**XLSCOUT
Custom
Solutions**

Transformative Impact!

- Elevated Efficiency
- Reduced Complexities
- Enhanced Quality
- Unparalleled Accuracy
- Human can focus on strategic work

Successfully Implemented Custom Solutions

Competitor/ Technology Monitoring

1. Analyzing the patent portfolio & taxonomy
2. Finetuning of AI on training dataset provided by client
3. Categorization of patent portfolio into the categories
4. Regular noise-free alerts

Mapping Patents to Products

1. Analyze the patent portfolio using AI
2. Identify Potential Infringers
3. Automated EoU Charts using Claimchart LLM
4. Validation by our human subject matter experts

Mapping Patents to Standards for SEP Check

1. Uploading relevant standard document to AI
2. Using Standigger to map standard document to patents
3. Validation by our human subject matter experts

Hybrid Patent Drafting

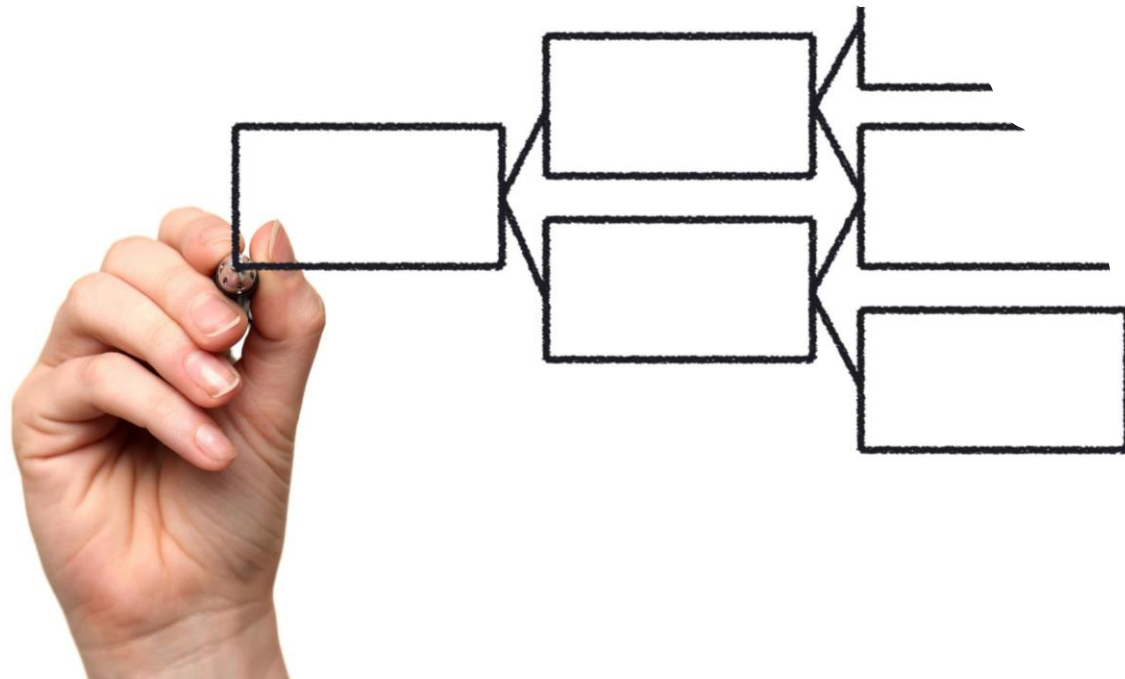
1. Automated Drafting of Patent Application using Drafting LLM
2. Human Validation & Enrichment by our expert human draft experts

Security Concerns

| Question | Answer |
|--|--|
| Do you use CHATGPT? | No. XLSCOUT does not use ChatGPT. We leverage secure, enterprise-grade LLMs through Microsoft and AWS APIs, ensuring compliance with the highest security and privacy standards. |
| Would user data be made public? | Absolutely not. XLSCOUT is SOC 2 Type II certified, ensuring strict industry-standard security controls. We assure users that the input they provide is not disclosed to other users of the services. |
| Would user data be saved? If yes, is it encrypted? | Data is saved only to show the output; only users can access or control their data; once the output is generated, users can delete it immediately from the platform history. Xlscout ensures that all user data is securely encrypted and processed within a secure environment. |
| Will LLMs being used use the data user input for training? | We undertake that the user data is not used to train, retain or improve the models of Xlscout or the Service Partners. |
| Where is the data being stored? | XLSCOUT maintains secure data storage servers in the U.S., Europe, and Japan. We also provide an option to securely store data at rest in Japan, while processing continues via our robust infrastructure in the U.S. All data in transit is fully encrypted with end-to-end security protocols. |

Next Steps

Demo and Trial with full **T** Training **S**ession.



Exclusive Demo

Users start their journey with an exclusive demo, giving them an initial overview of the platform's features.

Free or Paid Trial

After the demo, users have the option to choose between a free trial for two weeks or a paid trial to further explore the platform.

Full Access

Upon completing either trial, users gain full access to the platform, enabling them to utilize all features and services.

Customization

For large patent portfolio, the customization is made to save your resources with **Human in the Loop** approach.

Thank you for joining us today!
We'd love to stay connected.

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Explore XLSCOUT:

Scan the QR code to visit our website:

