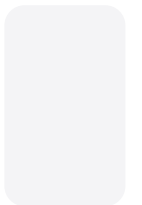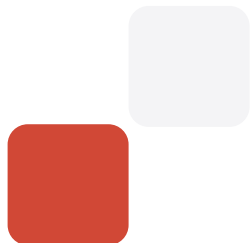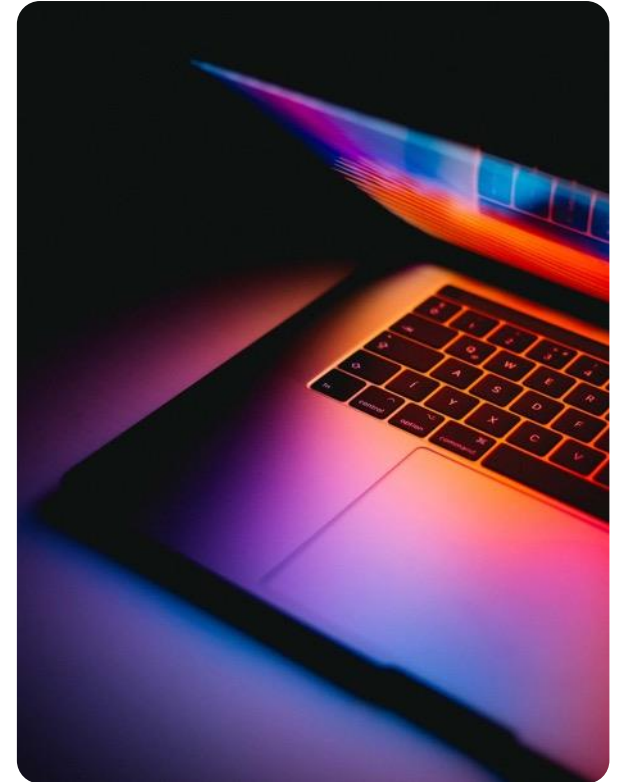**Questel**

Unlocking Commercial Potential: Industry Perspectives on ASEAN IP Data Value and Service Offerings

6th ASEAN IP Register Coordinator Meeting
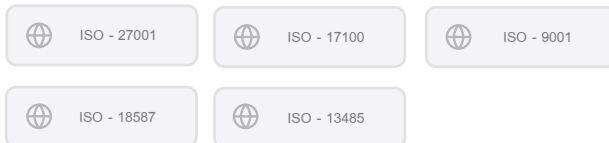
QUESTEL

Questel

Who are we?

→ **Questel is a global provider** of **tech-enabled** professional **solutions for managing** all types of **intellectual assets.**

→ **Our mission** is to help **our client succeeding in the modern knowledge-based economy**, in an efficient, secure and sustainable way.

→ **We apply high standards** in quality, security and corporate social responsibility.

| ISO - 27001 | ISO - 17100 | ISO - 9001 |
| ISO - 18587 | ISO - 13485 | |

Shareholders

- CEO : Charles Besson
- 400+ employees are shareholders
- Private-equity backed Eurazeo, IK Partners, Paragon, Raise

IPO / LBO5

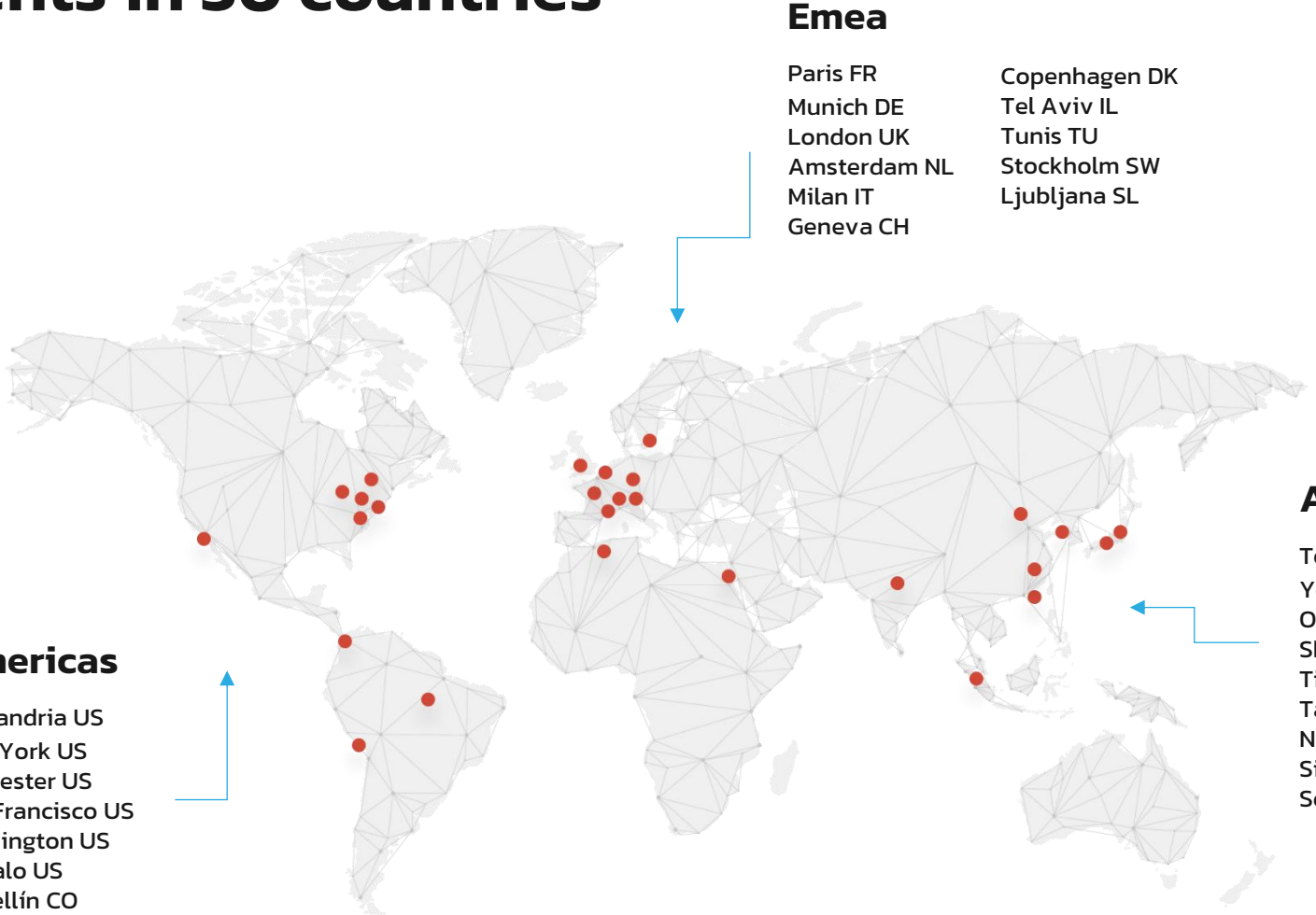**2024**

A global leader end-to-end IP provider.

Software – Services – Strategy

19 acquisitions in 5 years

Qatent, Equinox, Markify, Morningside, PAVIS, Novagraaf, doeLegal, Brandstock, Innosabi, Directvalidation, Yoomap, Cyberpatent, Aboutinnovation, RenewalsDesk, ConcurIP, Multiling, Expernova, ITIP and ULT.

2007

A tech leader in IP Business Intelligence.

1st LBO

2001

A pioneer in providing business data.

Spin-Off France Telecom

1978

Foundation

We serve 20,000 clients in 30 countries

Emea

Paris FR
Munich DE
London UK
Amsterdam NL
Milan IT
Geneva CH

Copenhagen DK
Tel Aviv IL
Tunis TU
Stockholm SW
Ljubljana SL

Key metrics

- 1,700 Questel employees
- 300+ local agents
- 1,200+ local translators
- 3 Questel Labs (AI & Big Data)
- 1.5 million users
- Petabytes of hosted data
- Daily update from 500+ sources

Apac

Tokyo JP
Yokohama JP
Osaka JP
Shanghai CN
Tianjin CN
Taipei TW
New Delhi IN
Singapore SG
Seoul KR

Americas

Alexandria US
New York US
Rochester US
San Francisco US
Wilmington US
Buffalo US
Medellín CO
São Paulo BR
Arequipa PE

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4

Our Platforms in a nutshell

Search, Watch & Analysis

Orbit

Patent, NPL, scientific and business data

Markify

Trademark, design and domain names

Innosabi

Innovation trends and ecosystems mapping

Process Management

Equinox

IP rights management

Innosabi

Innovation management

Tech-enabled Services

IP Services Portal

Filing, validation, translation, renewals and recordals

Morningside Hub

An advanced client platform for all translation projects

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ASEAN IP Data Value for Questel

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ASEAN IP Data Value for Questel (1/2)

❖ **ASEAN as a Global Innovation Hub*:** Steady growth in R&D investments across ASEAN is positioning the region as a key player in global innovation, with emerging technologies and new market opportunities

❖ **Strategic value of ASEAN IP Data:** Essential for commercial providers targeting global markets, like Questel, ASEAN patent data offers competitive intelligence and insights into regional trends, helping our clients strengthen their IP strategies

❖ **Top IP offices:** 6 of the 9 ASEAN IP offices rank among the top 45 IP offices for direct patent applications and PCT national phase entries*, highlighting the region's significance in global IP activity

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Sources: Asean.org, WIPO Statistics Database

ASEAN IP Data Value for Questel (2/2)

❖ **Demand vs accessibility**: Although requested by clients, ASEAN patent data can be difficult to access, making it a valuable resource for informed decision-making

❖ **Support for informed decision-making**: Leveraging ASEAN patent data enables our clients to minimize legal risks, identify emerging technologies, and make more strategic decisions regarding R&D, investments, and partnerships

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Questel Service Offerings

Questel Service Offerings

❖ Questel developed and owns Orbit intelligence, a Worldwide patent database, one of the best tools on the market.

❖ With the coverage of patent offices representing more than 99% of the World's patent applications, more than 97% of the patent collection available in English alongside original languages, and the best query engine on the market, makes it the perfect tool for prior art searches.

❖ AI is also widely used to help bring quality content to our clients (patent families, translations, normalization, content extraction, metrics calculation), to offer robust semantic and similarity searches, to classify data and to provide reading and reviewing assistance.

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Questel Service Offerings – Orbit Intelligence Overview

Artificial Intelligence
- ChatGPT integration
- Semantic search
- AI classifier

Biosequence & Chemistry
- Chemistry module
- Biosequence module

Legal Status / Prosecution Pack
- IDS generator and analyzer
- Legal Status analyzer
- Grant statistics

Collaboration
- Alerts
- Workfiles
- Orbit Review (workflows)
- Orbit Admin (rights restrictions)
- Orbit Express

ORBIT Intelligence

Data Coverage
- Patents & designs
- Non-patent literature
- Business Information/Standards
- Litigation/Licensing/Oppositions

Patent Search & Analytics Platform

Orbit Intelligence is an industry leading patent search and analytics software.

Through one platform you can search, analyze, and collaborate on relevant data to drive actionable IP decisions.

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Questel Service Offerings – Orbit Intelligence Data

DATA COVERAGE

- **110 patent authorities**
  - 71 in full text
  - 60+ with legal status
  - 45 with citations
- **Citations** (X, Y, 102, 103...)
- **Licensing data (SEC)**
- **Standards**
- **Designs** (75+ jurisdictions)
- **Business information**
- **Non-patent Literature**
  - Scientific publications
  - Clinical trials
  - Government projects & grants

ENHANCED CONTENT

- **Key content** : Semantically summarizes the full-text of the invention
- **AI Assistant** Powered by ChatGPT to get patent summaries, enhanced abstract and more...
- **Technical concepts** : Extract the main ideas of the patent using AI
- **AI Classifier** : Assisted machine learning to distinguish between relevant and non-relevant data
- **Prosecution Pack** : Unique module dedicated to understanding the stages of the patent application process
- **Machine translation** of FULLTEXT records
- **Chemical structures**
- **Sequences**
- **Value Metrics** : Patent Value & Patent Strength ; Patent Technical Impact ; Patent Market Strategy ; Patent Originality & Generality Indices

LEGAL STATUS DATA

- **Sources**
  - INPADOC
  - USPTO official gazette
  - US Patent Center
  - CNIPA (Chinese Patent Office)
- **Alive/dead status**
- **Expected expiration date**
- **Term right extensions**
- **Oppositions**
- **Litigations**
- **FDA Orange book**

ASSIGNMENT DATA

- **Corporate tree**
- **Normalized names**
- **Reassignments**
- **Security interests**
- **Government interests**
- **Small companies**

ISO - 27001   ISO - 17100   ISO - 9001

UN GLOBAL COMPACT

ecovadis Sustainability Rating GOLD
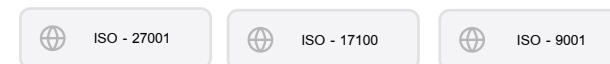
All fields are searchable | More details on the data coverage page

Questel Service Offerings – Orbit Intelligence ASEAN Patent Data (1/2)

COUNTRY	PATENT DATA	PUBLICATION TYPE	TIME COVERAGE
BRUNEI	X	X	X
CAMBODIA	X	X	X
INDONESIA	Bibliographic data Citations	Patent applications Granted patents	1988-2024 1992-2021
LAO PDR	X	X	X
MALAYSIA	Bibliographic data Citations	Granted patents Utility model	1953-2024
PHILIPPINES	Bibliographic data Full text Citations	Patent for invention Application published Divisional patent application Granted patent Utility model application Granted utility model	1975-1999 2003-2024 2024-2024 1999-2024 2014-2024 1981-2022

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Questel Service Offerings – Orbit Intelligence ASEAN Patent Data (2/2)

COUNTRY	PATENTS	PUBLICATION TYPE	TIME COVERAGE
SINGAPORE	Bibliographic data Full text Legal status Citations	Application published Patent application Transitional patent application Patent granted UK patents registered	2014-2024 1995-2017 1995-1995 1996-2024 1937-2001
THAILAND	Bibliographic data Full text	Published application Patent granted	1980-2024 1983-2022
VIETNAM	Bibliographic data Full text	Publication Number Patent Inventor's certificate Granted patent Utility model Granted utility model	1997-2024 1986-2015 1984-1991 1984-2023 1989-2024 2018-2023

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Questel Service Offerings – Access Levels (1/2)

MODULES	ESSENTIAL	ADVANCED	PREMIUM
Search			
Search exclusive invention-based patent families from 110+ patent authorities			
Search patents from 110+ patent authorities with built-in legal status & citations			
Search throughout the full text of 70+ patent authorities			
Search litigations and oppositions data of 25+ patent authorities			
Semantic search, similarity search, citation search			
Search and scan key content (object of invention, advantages over prior art drawbacks, independent claims), key technical concepts			
Access companies' corporate tree			
Scan graphical family legal status (timeline)			
Customize result page and hitlist displays			
Group and view extended INPADOC patent families			
Store search results in dynamic named lists			
AI Assistant Tab - AI Review and comparision of Patents			
Download			
Download PDF copies, individually and in bulk			
Download custom search reports in various formats (XLS, PDF, RTF, XML. TXT, CSV)			
Alerts			
Monitor technologies, competitors, US legal status and grant of a patent			
Workfiles			
Archive patent family & design portfolio			
Automatic feed archives with alerts' results			
Use metadata (ranking, comments), user fields and attach files			

AVAILABLE FOR EACH LEVEL

Add-on Modules

Orbit Biosequence — DNA and amino acid Searching

Orbit Chemistry — Chemical molecule Searching

Industrial Design — Design Searching

AI-Classifier — Document classification via AI

Prosecution Pack — Grant statistics and detailed legal status

Questel Service Offerings – Access Levels (2/2)

Essential

Analyze up to 100k records

Advanced

Analyze up to 300k records

Premium

Analyze up to 2M records

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Questel Service Offerings – Prior art Search Functionality (1/6)

Semantic search

- Fast patentability search

- Ideal for both novice and expert users

One click semantic search

Similarity search

- Find quickly similar patents to a reference patent

Similarity search

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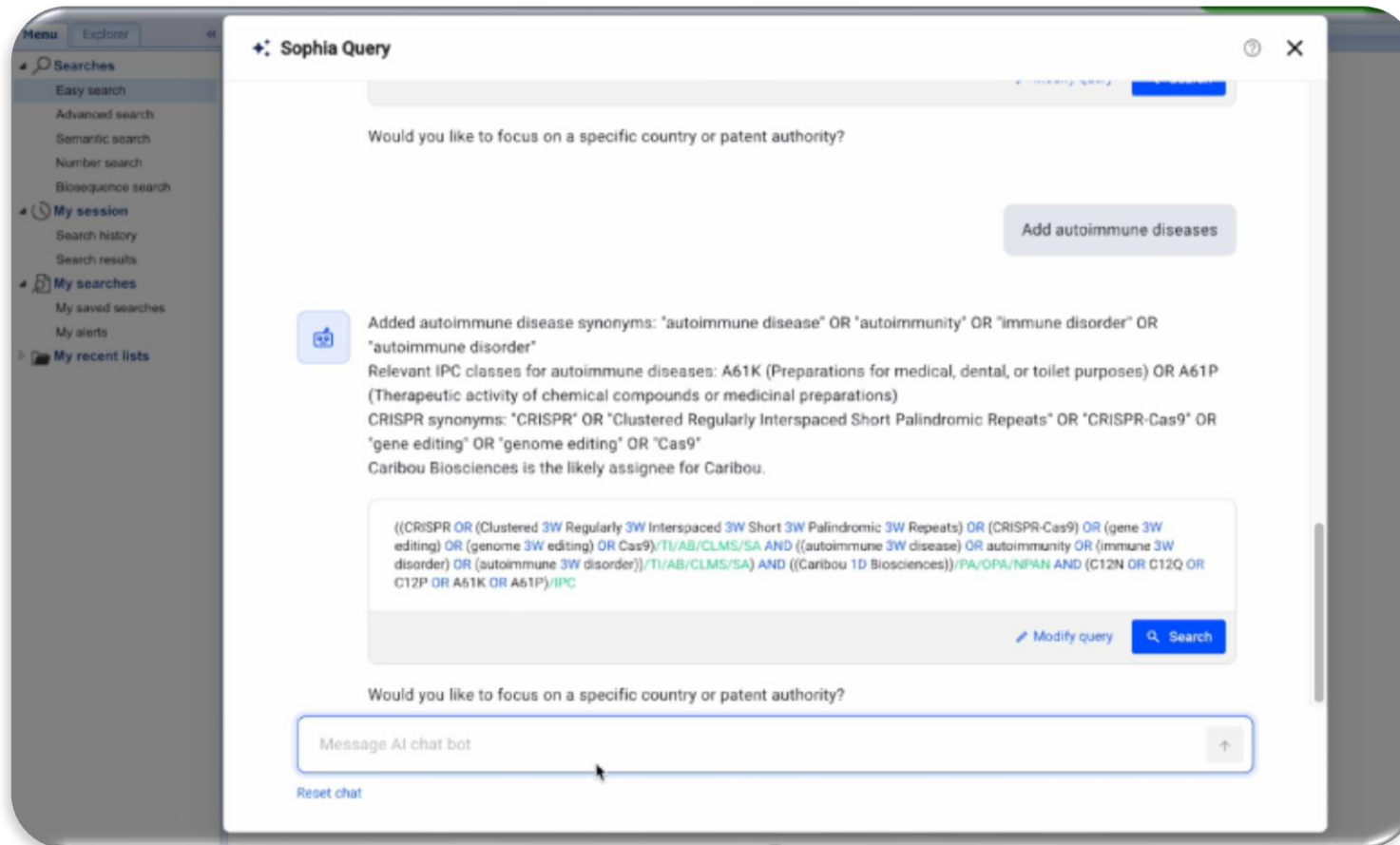
Sophia Query

A help for you to build a Boolean query to find the most relevant documents:

- Streamlines Patent Searches by simplifying the process and converting natural language questions into precise Boolean queries.

- Empowers Non-Expert Users by making patent searches accessible without expertise in Boolean logic, allowing to perform complex searches with ease.

- Assists experts in starting searches quickly on unfamiliar subjects, providing a strong foundation they can adapt and refine with their expertise.

- Saves time and reduces errors by providing users with faster, more accurate results by minimizing query syntax errors.

Combine search criteria

- Various search fields

- Use wild cards/truncations, Booleans and proximity operators to run comprehensive searches and reduce noise

Corporate Tree

- 5M companies in the Corporate Tree

- Get a company entire portfolio including its subsidiaries

Collection

- Easy switch from family–based to patent–based (by country) results to cover all the use case from general prior art to freedom to operate query

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Questel Service Offerings – Prior art Search Functionality (4/6)

- **Filter** by status, countries, oppositions, classification codes, etc.

- Preview the **family structure**

- **Concept** extraction using AI

- **AI assistant** to get summaries of patent, enhanced abstracts and compare family members

- **Citations** tab showing backward and forward citations including examiner rejections

- Identify the current **assignee** and access information on the company

- 12 **highlighting** colors

- Keywords in context (**KWIC**) to better understand the results

- **Customize** the preview tab and add more tabs to view legal status, timeline and more

- Download **PDFs** and customize **exports** in several formats

- **Similarity** and **citation** searching

- **Save** results in lists or workfiles

ImageLink

Seamless cross-referencing between images and their descriptions in patent documents:

- Instant access to corresponding text for a specific element in a patent image with just a click.

- Effortless navigation through patent documents using our user-friendly toolbar, saving valuable time and resources.

Questel Service Offerings – Prior art Search Functionality (6/6)

Sequence Search

- Non–redundant database with data from sequence databases, sequence listings and manual curation

- Only software platform allowing sequence searching in a fully featured patent platform

- Easy combination with other fields such as keywords and molecule search

- 3 algorithms to search long sequences, very short sequences or "MOTIF"

- Powerful dedicated filters (claimed seq, legal status, % identity, subject, length, …)

- Visualize & download sequences in patent family

Molecule Search

- Search drug names, IUPAC names, molecule drawing, CAS numbers with an exact or sub=structure search

- Powerful Sketcher (R–groups, Markush structures)

- Search all synonyms of a molecule at once

- Visualize all molecules in the patent

- Export all or hit molecule names and localization

- Visualize & download sequences in patent family

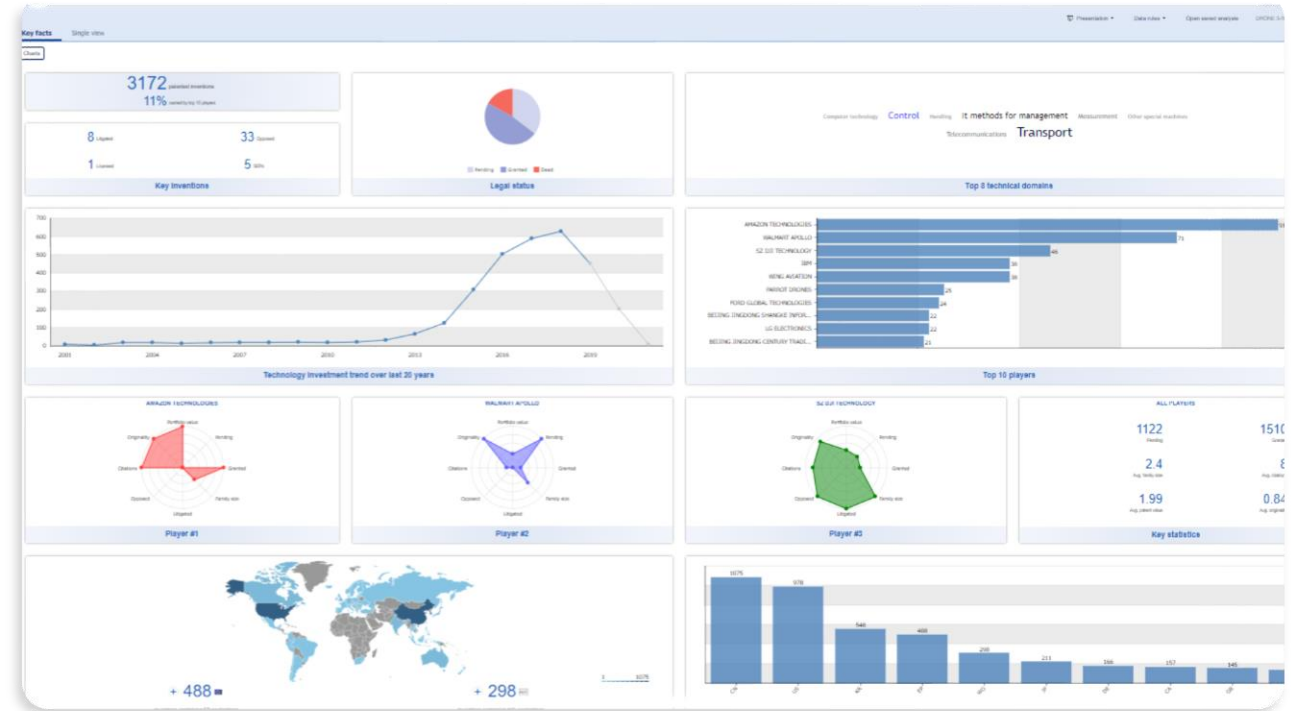# Questel Service Offerings – AI Classification

AI meets Orbit Intelligence

- Efficient patent classification using AI and machine learning.

- Tailored classifiers to match your specific needs

- Seamlessly integrates with existing alerts in Orbit Intelligence.

- Saves time and resources with automated classification.

- Enables informed decision-making in patent landscape analysis.

- Better patent portfolio management for strategic innovation.

Questel Service Offerings – Analysis

- Analytics dashboard for a quick overview of the results

- 60+ pre-defined charts

- Interactive and customizable charts

- Drill down functions

- One-click presentations

- Export chart data and images

- Company dashboards for more data about the assignee

- 3 analysis levels: essential, advance and premium

Questel Service Offerings – Analysis

→ Specific charts allow for identifying, comparing and evaluating:

- Filing trends

- Embedded concepts using AI analysis

- Landscape charts

- Classification code hierarchies

- Competitor relationships

- Portfolio metrics

- Opposition and litigations

- Pruning candidates

- Out and in-licensing candidates
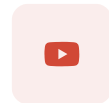
- Tech scouting opportunities
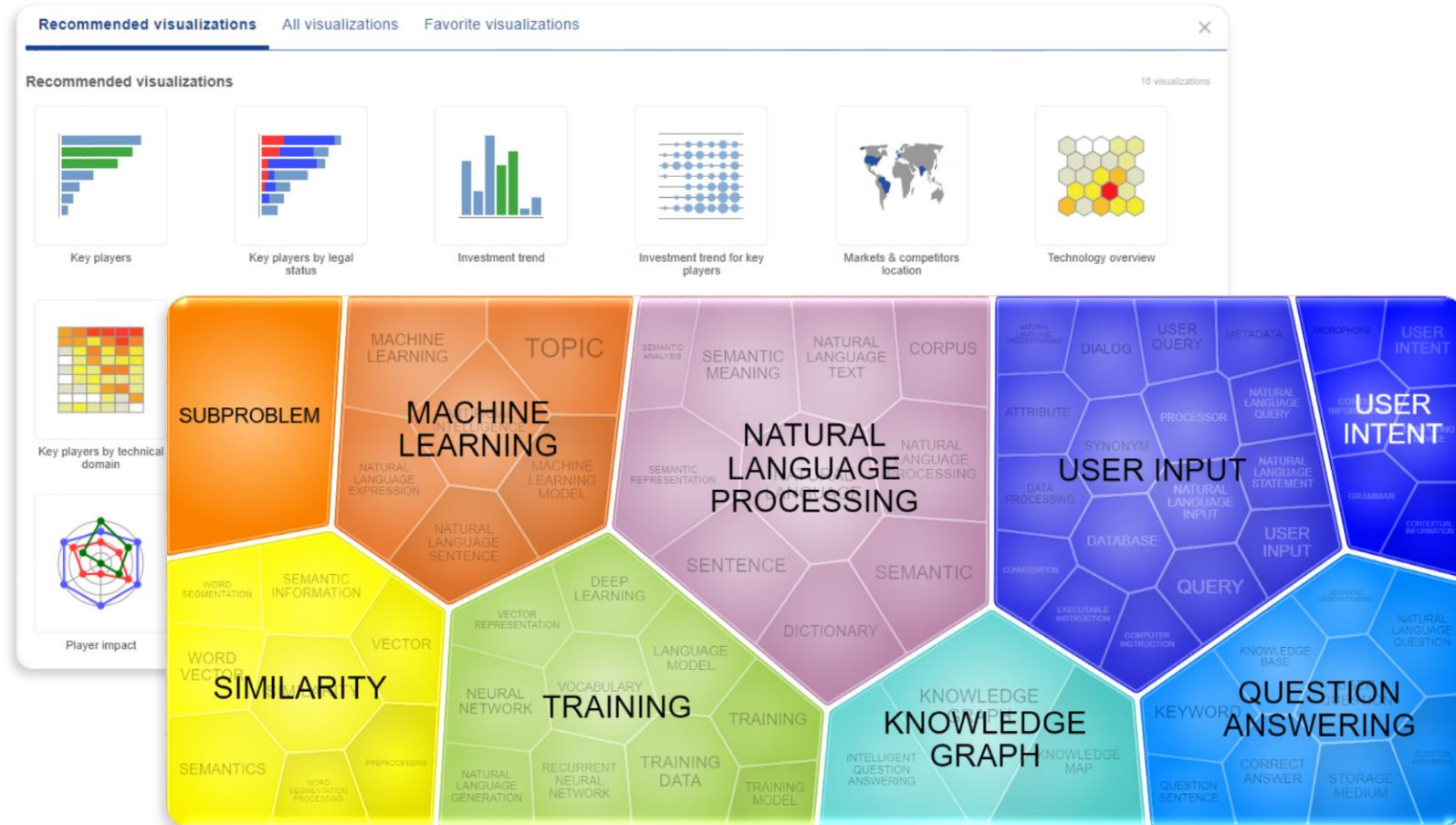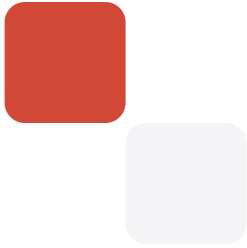
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Resources

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