FRONTEO

Your Extra intelligence

FRONTEO

About FRONTEO

FRONTEO, Inc.
Tokyo / JAPAN

FRONTEO Korea, Inc.
Seoul / KOREA

FRONTEO Taiwan, Inc.
Taipei / TAIWAN

FRONTEO USA, Inc.
New York / USA
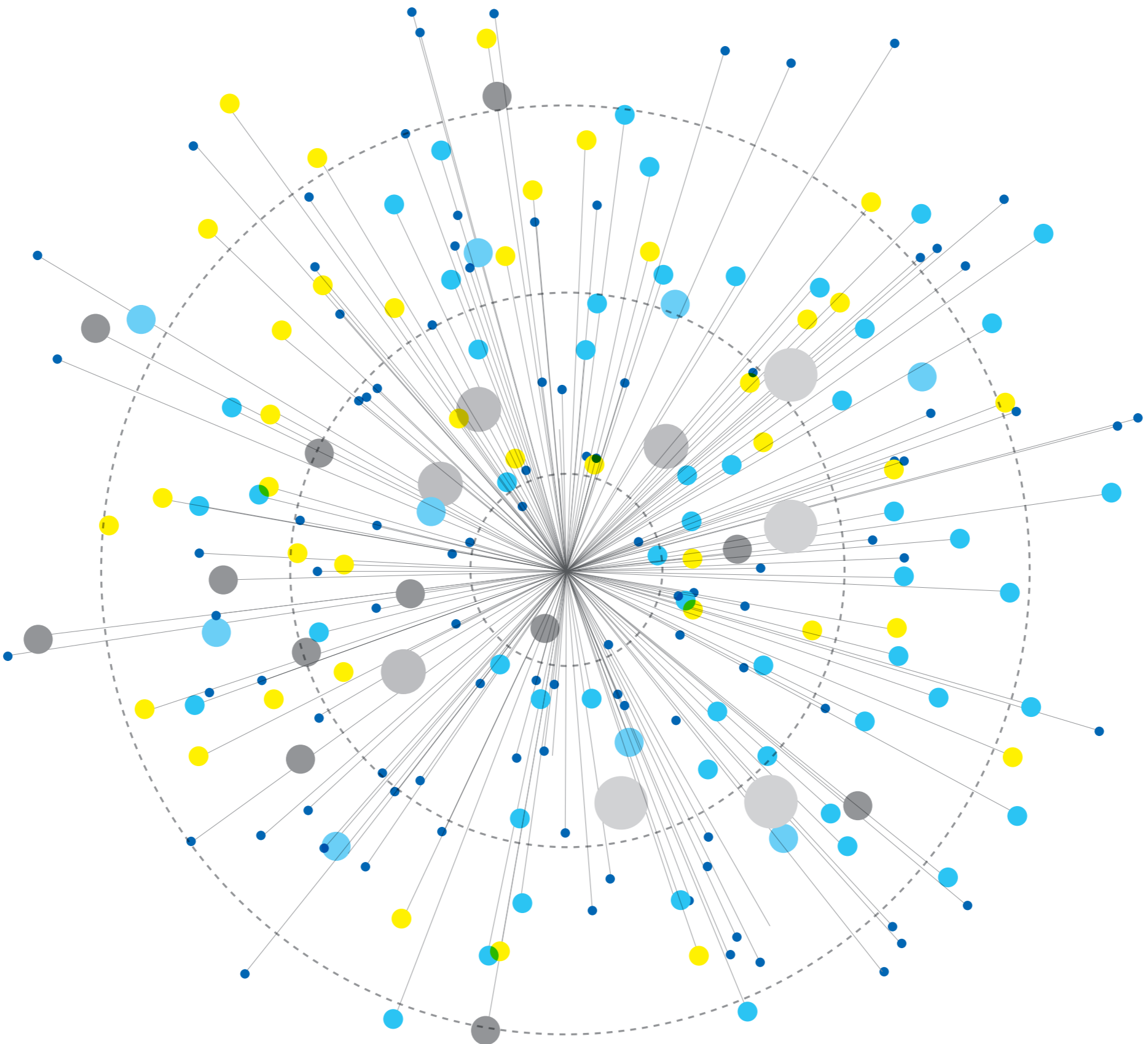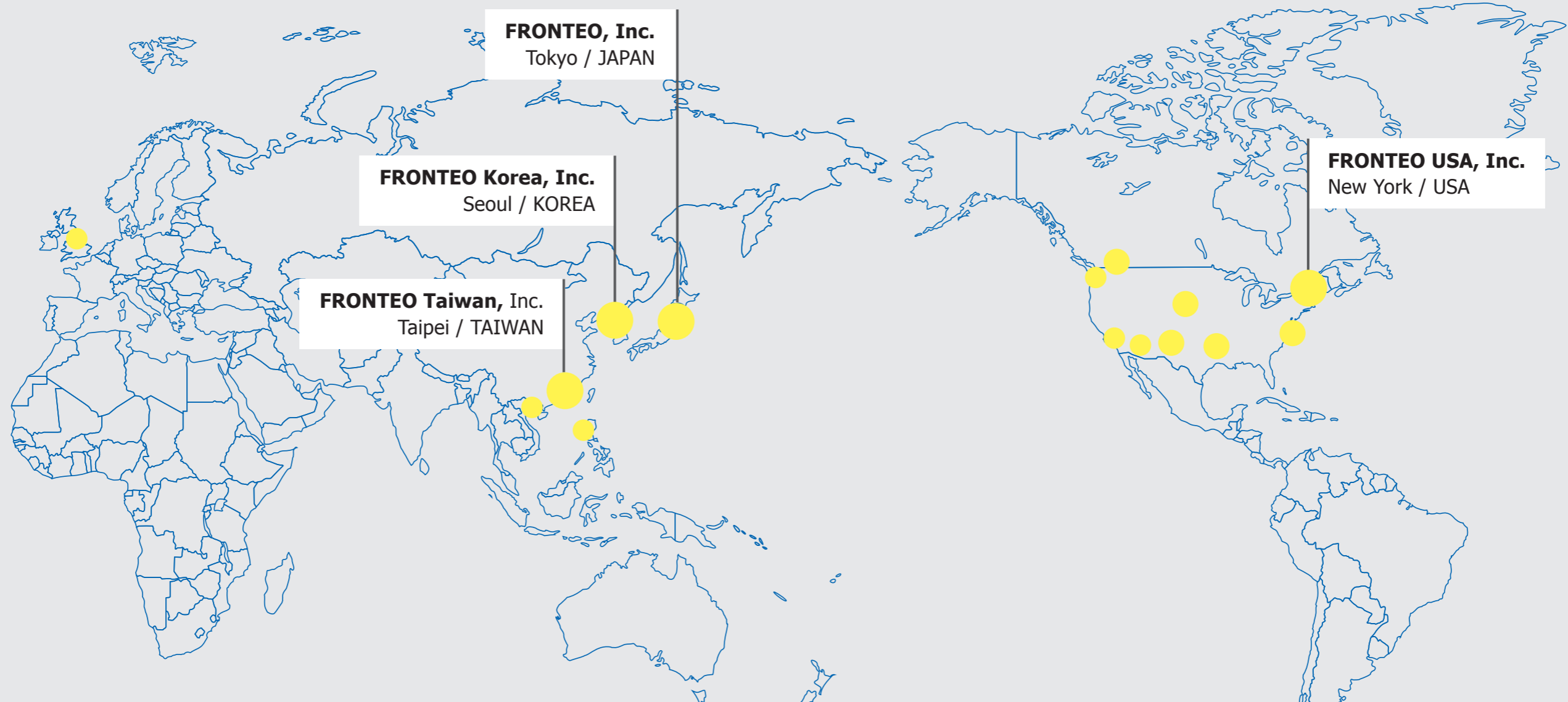
No.1
No.1 eDiscovery provider in Asia market
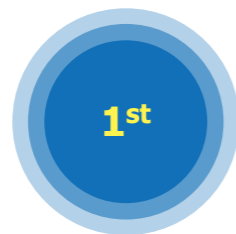
1st
1st legal tech company in Asia

9,300+
9,300+ projects performed globally

126
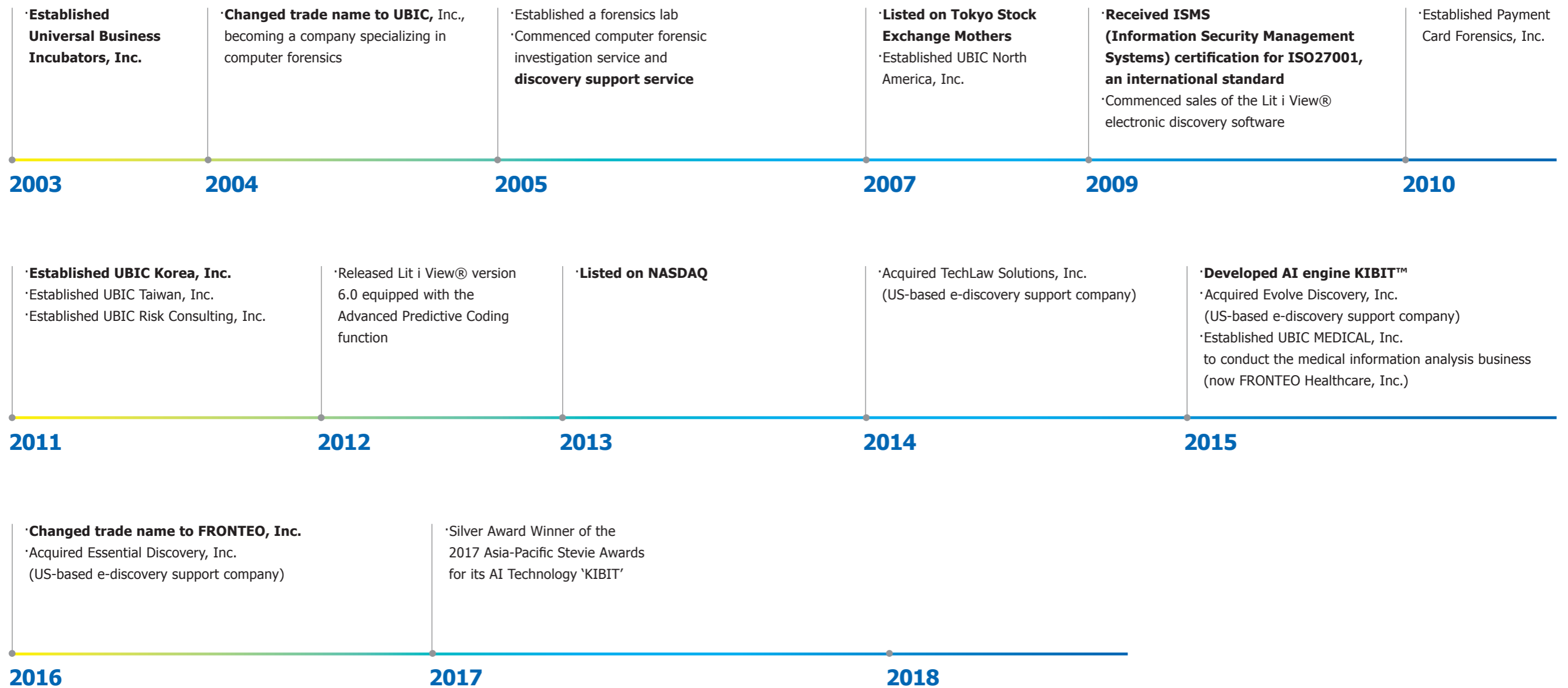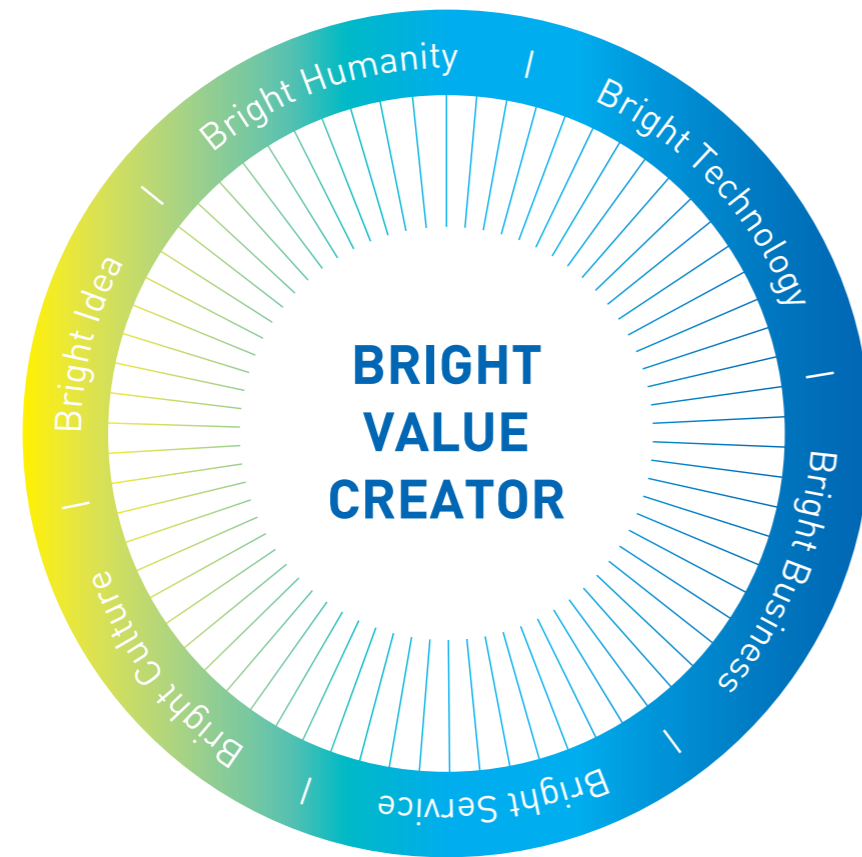126 patents holding
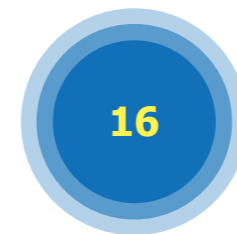
16
16 global offices (KOREA, USA, JAPAN, etc.)

Since 2003, FRONTEO, Inc. has been the 1st Legal Tech company in Asia, a company furnished with its own developed AI technology and its application to eDiscovery software. FRONTEO continues to expand its business operation by applying the AI technology to such new fields as Healthcare, Business Intelligence, and Marketing, etc.

History

2003
- **Established Universal Business Incubators, Inc.**

2004
- **Changed trade name to UBIC,** Inc., becoming a company specializing in computer forensics

2005
- Established a forensics lab
- Commenced computer forensic investigation service and **discovery support service**

2007
- **Listed on Tokyo Stock Exchange Mothers**
- Established UBIC North America, Inc.

2009
- **Received ISMS (Information Security Management Systems) certification for ISO27001, an international standard**
- Commenced sales of the Lit i View® electronic discovery software

2010
- Established Payment Card Forensics, Inc.

2011
- **Established UBIC Korea, Inc.**
- Established UBIC Taiwan, Inc.
- Established UBIC Risk Consulting, Inc.

2012
- Released Lit i View® version 6.0 equipped with the Advanced Predictive Coding function

2013
- **Listed on NASDAQ**

2014
- Acquired TechLaw Solutions, Inc. (US-based e-discovery support company)

2015
- **Developed AI engine KIBIT™**
- Acquired Evolve Discovery, Inc. (US-based e-discovery support company)
- Established UBIC MEDICAL, Inc. to conduct the medical information analysis business (now FRONTEO Healthcare, Inc.)

2016
- **Changed trade name to FRONTEO, Inc.**
- Acquired Essential Discovery, Inc. (US-based e-discovery support company)

2017
- Silver Award Winner of the 2017 Asia-Pacific Stevie Awards for its AI Technology 'KIBIT'

2018

Our Mission

Bright Humanity · Bright Technology · Bright Business · Bright Service · Bright Culture · Bright Idea

BRIGHT VALUE CREATOR

FRONTEO is revolutionizing the future of humanity and advanced science

Front+Eo

FRONTEO is made up of two words : "Front" – the most forward position or place and "eo" – "go forward". The name also reflects an abbreviation of "Frontier Technology Organization" that signifies "progressive, leading-edge value creators".

Symbol

The FRONTEO symbol is a guiding light that illuminates the world as revolutionizing future advanced technology for the sake of humanity. The brand logo features multi-radiated axes, which represent the potential expansion of the business around the AI platform.

KIBIT

Features of KIBIT

KIBIT is an AI engine independently developed by FRONTEO in Japan. The name KIBIT is derived from the Japanese words "kibi," "subtlety" and "bit," the smallest unit of information in computing. KIBIT thus incorporates our desire to develop AI, a system that can understand the subtle elements of human thought.

KIBIT can learn not only human knowledge but also intuition and sensory elements of experts with only a small volume of training data – so, the underlying technologies may be utilized across the full spectrum of FRONTEO's business domains and incorporated in its product lines in various professional fields such as Legal, Investigation, Compliance, Healthcare, Finance, Human Resources, etc.

KIBIT obtained more than 50 patents and was named at the silver award winner of the 2017 Asia-Pacific Stevie Awards.

Functions of KIBIT

Learns tacit knowledge of human only with a minimal amount of training data.	Able to extract and analyze text 4,000 times faster than a human.	Identifies correlations among each words and sentences accurately.

Business & Service

Business Area

eDiscovery **Business Intelligence** **Artificial Intelligence**

Industries

· Electronics / Electro-Mechanics
· Semiconductor
· Chemical
· Bio / Pharmacy
· Automotive
· Ship
· Finance
· Construction
· Entertainment
· Government Organization /
  Public Enterprise

Services

· eDiscovery
· Digital Forensic
· Compliance
· Internal Investigation / Fraud Detection
· Document Review
· Legal Translation
· Big Data Analysis
· Information Security
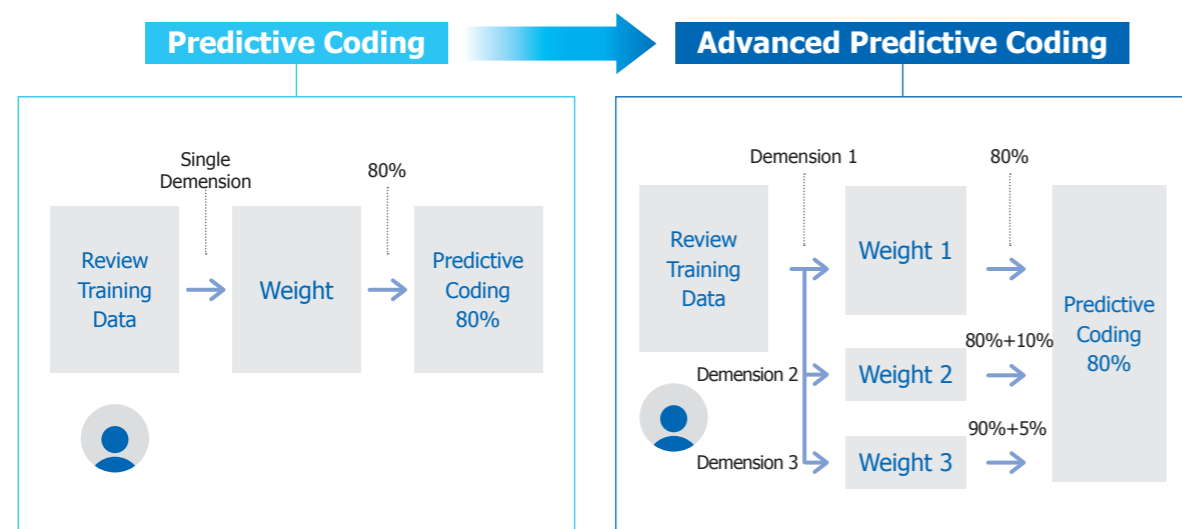· Information Governance

eDiscovery

FRONTEO provides the largest number of eDiscovery services in Korea with more than a decade of experience and thousands of Asia-based and cross-border cases under management. FRONTEO has supported global companies cost-effectively addressing their legal and compliance issues.

<table>
<tr><td rowspan="2">Main Features</td><td>1 Asia's #1 eDiscovery provider for technology and services.</td></tr>
<tr><td>2 Reduction in cost and time for review process with AI Predictive Coding technology.
3 More accurate results through electronic documents search and processing technology specialized for Korean companies.
4 Providing an integrated eDiscovery solution by 「Lit I View」 software platform from data extraction to production.</td></tr>
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Advanced Predictive Coding Technology

KIBIT automatically sorts the data in order of relevance by capturing the characteristics of the data which users classify as sensitive information. From a multi-dimensional perspective, Advanced Predictive Coding Technology is an advanced weight refinement system that improves the precision of the weightage mechanism and that can provide more accurate training data based on the analysis of word combinations and weight.
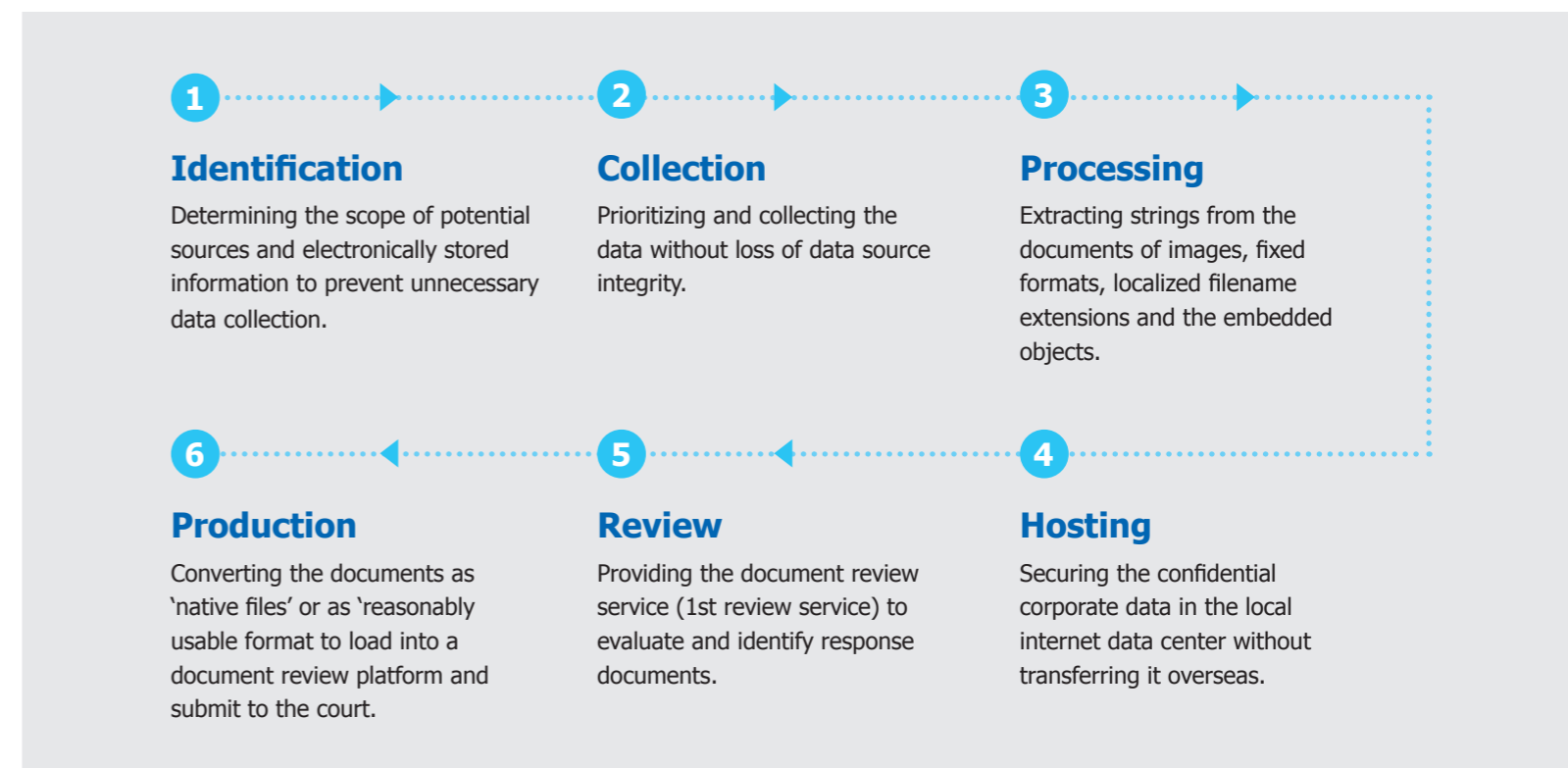
Predictive Coding → **Advanced Predictive Coding**

Predictive Coding:
- Review Training Data → Weight → Predictive Coding 80%
- Single Demension
- 80%

Advanced Predictive Coding:
- Review Training Data
- Demension 1 → Weight 1 → 80%
- Demension 2 → Weight 2 → 80%+10%
- Demension 3 → Weight 3 → 90%+5%
- Predictive Coding 80%

Carried Out the Most eDiscovery Projects in Korea

√ **What is eDiscovery?**

eDiscovery is the term used in the initial phase of litigation, a process by which parties to the dispute disclose various relevant electronic data to each other in advance of the trial and has been adopted by courts in many countries including the United States and the United Kingdom.

Although very system has not yet been introduced in Korea, the increase in international lawsuits due to the advancement of Korean companies into overseas markets has become an important issue to determine the results of legal disputes.

FRONTEO's eDiscovery Service Process

FRONTEO supports the entire EDRM (Electronic Discovery Reference Model) processes from data collection to production. The service minimizes the unintentional risk of information loss and data spill in the each process.

1 Identification
Determining the scope of potential sources and electronically stored information to prevent unnecessary data collection.

2 Collection
Prioritizing and collecting the data without loss of data source integrity.

3 Processing
Extracting strings from the documents of images, fixed formats, localized filename extensions and the embedded objects.

6 Production
Converting the documents as 'native files' or as 'reasonably usable format to load into a document review platform and submit to the court.

5 Review
Providing the document review service (1st review service) to evaluate and identify response documents.

4 Hosting
Securing the confidential corporate data in the local internet data center without transferring it overseas.

Other Legal Tech Services

Translation
FRONTEO provides high-quality translation services at a reasonable cost through the 2nd translation of professional translators after the 1st machine translation.

Legal Cloud
With the FRONTEO's excellent legal cloud system, clients can access and manage the massive data effectively through the internet from any location and at any time.

Consulting
FRONTEO eDiscovery consultants and experts provide effective, defensible and reasonable solutions to handle all forms of litigation and investigations with extensive experiences.

Business Intelligence

Big data is considered a valuable corporate asset. Analysis, forecasts and insights from the well-managed data are the core elements to success in business.

With the AI engine of FRONTEO, KIBIT delivers valuable outcomes from the massive volumes of the data in accordance with customer needs. It can be applied in a variety of business intelligence fields such as big data analysis, cartel and fraud detection, compliance, patent analysis, etc.

Main Features

1 Utilize the AI engine to efficiently extract essential information in a vast amount of data.
2 Possess a strong security system for internationally accredited data collection, analysis, and archiving.
3 Analyze data generated from all kinds of digital devices such as PC, mobile, and cloud to global standards.

Big Data Analysis

Support managers to make a better decision by quickly and efficiently analyzing the large volume of corporate data.

Corporate Fraud Prevention and Detection

The advanced analytics to recognize and preempt threats of any confidential corporate information leakage, and fraud.

Compliance and Violation

Build a system to monitor a corporate compliance such as management transparency, tax evasion, etc.

Patent Search and Prior Art Search

Streamline prior art search before filing, patent invalidity search, and technology trend search.

Artificial Intelligence

KIBIT is capable of understanding experience, knowledge and feelings of human individuals by analyzing big data. By finding and connecting mutual necessities, it is applied in various business areas of AI solutions such as in healthcare, human resource, customer management, business support, etc.

Main Features

1 Ability to learn the subtle traits and tacit knowledge of experts for decision-making only with minimal training data.
2 The high levels of performance through re-learning processes with a limited volume of data.
3 The optimized algorithm for fast searching of large documents on a specific subject.
4 Flexibility in a variety of business applications by client's demand.

VOC Data Analysis

Provide proactive response strategies to increase customer satisfaction and reduce complaints by analyzing VOC data such as call records and inquires of the customers.

Healthcare

Support for fall risk prediction, diagnosis of mental illness, prevention of suicide, development of new drugs and clinical trials by utilizing medical data analysis.

Business Opportunities

Identify possible opportunities for increasing sales, leading to enhanced efficiency of marketing.

Human Resources

Apply to hiring process and support employee management to reduce the employee turnover rate by analyzing HR data.

Why FRONTEO

Accuracy and Cost-Effectiveness

KIBIT is the AI engine developed by FRONTEO. It can reduce time and cost by analyzing data 4,000 times faster than human. Also, data extraction can be perfectly performed without any missing important documents.

One-Stop Service

FRONTEO is the sole eDiscovery provider in Asia consolidating all discovery processes on a single platform with independently developed eDiscovery Software. It helps to avoid incompatibility issues between service process and reduces the risk of information leaks and omission.

Advanced Security System

Data transfer with the US third party service providers can raise the risk of information leakages. FRONTEO has more than 2.2 million dollar scale of local data center in Korea with a high technology security system to minimize information leaks. It manages and protects client's valuable data and information assets with ISO 27001 certification.

Local Support

Unlike English-based overseas software, FRONTEO developed a software「Lit I View」, which is compatible with Asian language. It enables to retrieve accurate information and process the unique domestic file name types, preventing the character recognition errors and garble issues.

* Acquisition of ISO 27001, the international standard certification for the information security management system.

Products

1 Lit i View E-DISCOVERY

From data collection to data production, the discovery processes can be operated on Lit I View E-DISCOVERY software. This can be used in international litigation, dispute resolution, and internal investigation areas.

2 Lit i View EXAMINER

Lit i View EXAMINER is fast and accurate at detecting relevant information from massive volumes of business big data. It contributes to monitoring corporate in-house investigations and compliance checks over business processes.

3 Kibit Email Auditor

Lit i View EMAIL AUDITOR is an automated email audit software using AI technology. It immediately detect corporate risks and prevent such employee wrongdoings, as a leakage of confidential information, cartel, and illegal transactions.

4 Kibit Patent Explorer

KIBIT Patent Explorer enhances the efficiency of patent search and analysis tasks in the field of past technology searches, invalid material searches, and technical trend surveys.

5 Kibit Knowledge Probe

KIBIT Knowledge Probe is the AI-based business data analysis support software. Having learned the tacit knowledge of customers, the AI analyzes communications and supports one to create business opportunities in various industries including finance, human resources, healthcare, etc.

6 Kibiro

The AI-powered robot, Kibiro learns the preferences of the individuals and recommend products and services from the vast amount of data on the internet, eventually creating experiences that users can make richer choices and feel satisfied with their decisions.
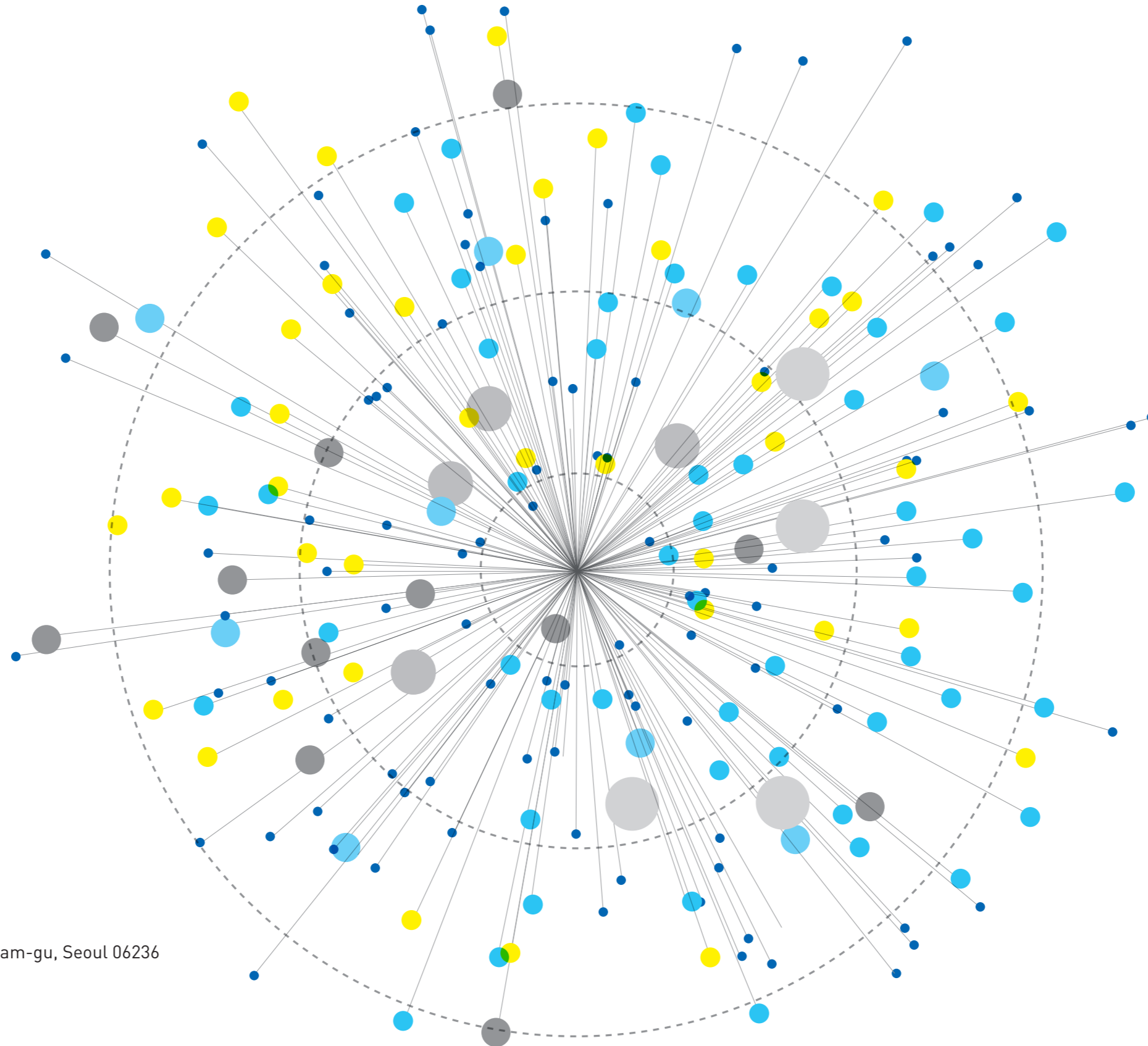
FRONTEO

ARC PLACE, 142 Teheran-ro, Gangnam-gu, Seoul 06236

T +82-2-350-3000
F +82-2-3288-3363
E koreainfo@fronteo.com