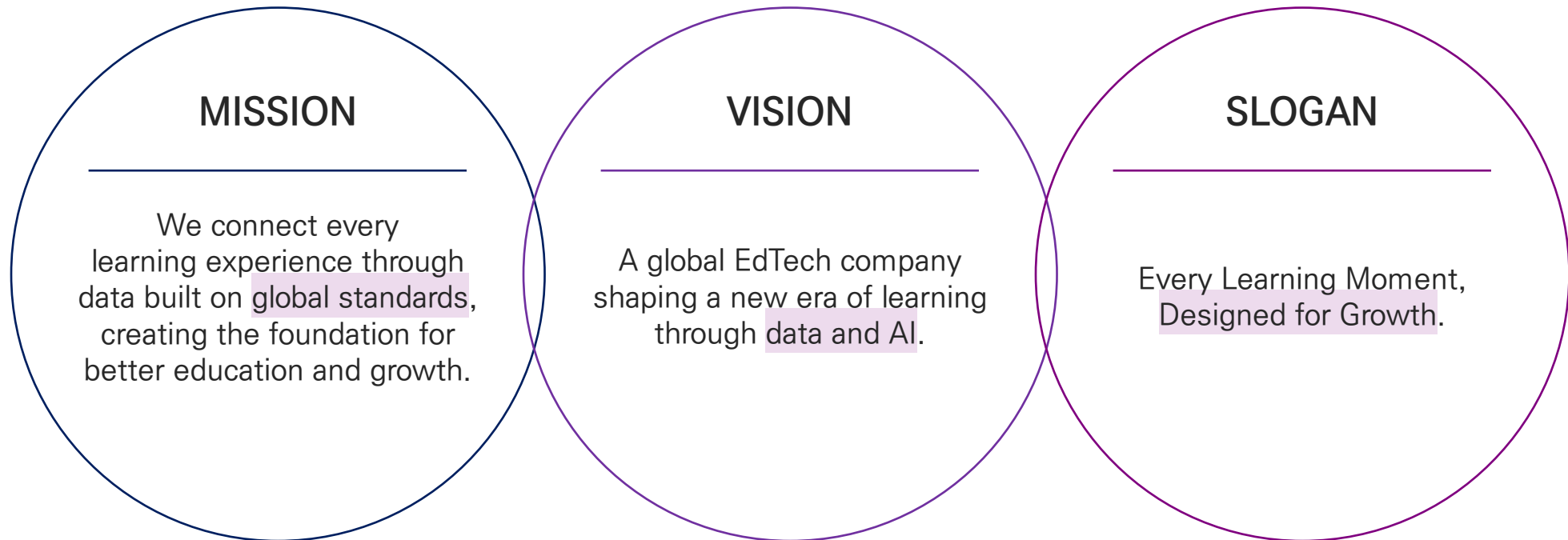


Every Learning Moment, Designed for Growth.

WICKED  STORM

Philosophy

# MISSION · VISION · SLOGAN



Philosophy

# SYMBOL

Data, Chart, Tornado



The WICKED STORM CI embodies the vision of  
'A global EdTech company shaping a new era of learning through data and AI'  
and symbolizes our will to stir up a new storm in the digital learning market.  
Powered by advanced AI, we create digital learning services that benefit society.

## Milestones

## HISTORY

## Learning-data company founded

## AI solution development &amp; build

## AI business expansion &amp; growth

- 2021 01 Wicked Storm Inc. founded  
01 KIRD, learning analytics consulting for next-gen integrated education system  
05 Visang Education, Smart-Wangong platform consulting & build  
06 MPM, National HRD Intelligent Open Platform (Phase 2) – LRS build
- 2022 01 LRS product development  
04 MSIT, corporate R&D institute accredited (AI Education Technology Lab)  
05 MPM, National HRD Intelligent Open Platform (Phase 3) – real-time video xAPI collection  
06 KERIS, K-Edu Integrated Platform ISMP – platform design & analytics standards  
08 Venture Business Certification  
08 KITA, full-cycle FTA Integrated Platform program  
12 Seoul Metropolitan Government, Seoul Education Platform – LRS build
- 2023 05 Lecognizer, intelligent learning analytics solution, launched

- 2023 06 KERIS, AI Digital Textbook development guidelines authored  
07 KERIS, AI-based elementary math class support system enhancement  
08 Lecognizer certified as an xAPI LRS by U.S. ADL  
09 MSS, SME Technology Development Stepping-Stone Program selected  
10 KERIS, AIDT curriculum standards distribution model design & pilot  
11 MOTIE, AI for process-based assessment (Yr 1 – CASE knowledge space)  
12 Dong-A Publishing, AI Digital Textbook platform build
- 2024 01 KERIS, AI-based elementary math class support system operation  
04 Lecognizer Grade 1 GS certification and copyright registration  
04 KERIS, learning data framework for AIDT – data hub, national analytics metrics, curriculum standards & learning maps

- 2024 06 Lecognizer listed on the PPS Digital Service Mall (Korean public procurement)  
06 Learning analytics diagnosis & recommendation model v1.0 certified (KOLAS)  
08 Patent filed: anomalous learning detection from xAPI behavior data  
08 Patent filed: LLM-based learner profiling for disposition analysis
- 2025 01 KERIS, AI-based elementary math class support system operation  
02 Patent registered: LLM-based learner profiling for disposition analysis (No. 10-2767110)  
05 MSS, SME Technology Innovation Program (market-responsive) selected  
05 Inno-Biz certification (AA)  
07 Gangwon Office of Education, Gangwon i-ro AI platform build  
08 KERIS, learning data collection linkage for AI digital learning materials (provincial offices)

- 2025 09 NICE D&R, Nomubi.com next-generation system build  
11 Patent registered: anomalous learning detection from xAPI behavior data (No. 10-2883249)
- 2026 01 Gangwon Office of Education, Gangwon i-ro AI platform operation  
01 Gyeonggi Office of Education, Hi-Learning AI platform operation  
01 Gyeonggi Office of Education, AI-based teacher competency support system – LRS build  
03 Learning data hub linked to AI digital learning materials – LRS maintenance  
03 KERIS, international-standard learning data standardization & utilization model  
04 1EdTech Korea founding board member; 1EdTech Global Contributing Member  
04 MSS, 2026 Tech Commercialization Package Program (gov. R&D top project)  
05 KERIS, operating model study for a public digital badge platform

Business Areas

# BUSINESS LINE

We provide custom AI development, AI analytics solutions, and data consulting tailored to each client's needs and environment.



## Custom AI Development

We design, build, and operate **custom AI-powered systems** optimized for your environment and needs.



## AI Analytics Solution

AI analytics solutions that integrate with **learning and competency systems** in schools, universities, enterprises, and public institutions.



## Data Consulting

**Data quality & strategy, indicators, AI model design** – services for data-driven decisions.

## Solutions

# LECOGNIZER

 Global-standard learning data store with AI anomaly detection

Lecognizer collects and stores learning data from every teaching, learning and operations activity in real time, using global standards; its AI flags unusual signals and builds the evidence for learning design.



Global-standard learning data store  
Lecognizer | v1.0

## Global-standard learning data collection & storage

Collects and stores learning data from **all teaching, learning and operations activities in real time**. Data from different systems follows the same global standards, so it carries over when systems change.

## Anomaly signal detection by Lecognizer AI (2 registered patents)

Lecognizer AI analyzes learning data and flags **unusual signals and sections many learners find hard**. It ranks the signals that need attention, so administrators and instructors see what they might miss.

## Data lookup, visualization & reports

**An integrated dashboard and custom charts** show how learning data flows at a glance. Detailed filtered queries, JSON/CSV downloads, and PDF/HTML/PNG reports.

## Scalable operation with proven deployments (Grade 1 GS certification)

**Built for scalability and high availability** to handle learning data at scale. Deployed in a national learning data hub and in public and enterprise platforms.

Solutions

# LECOGNIZER Processing Capacity

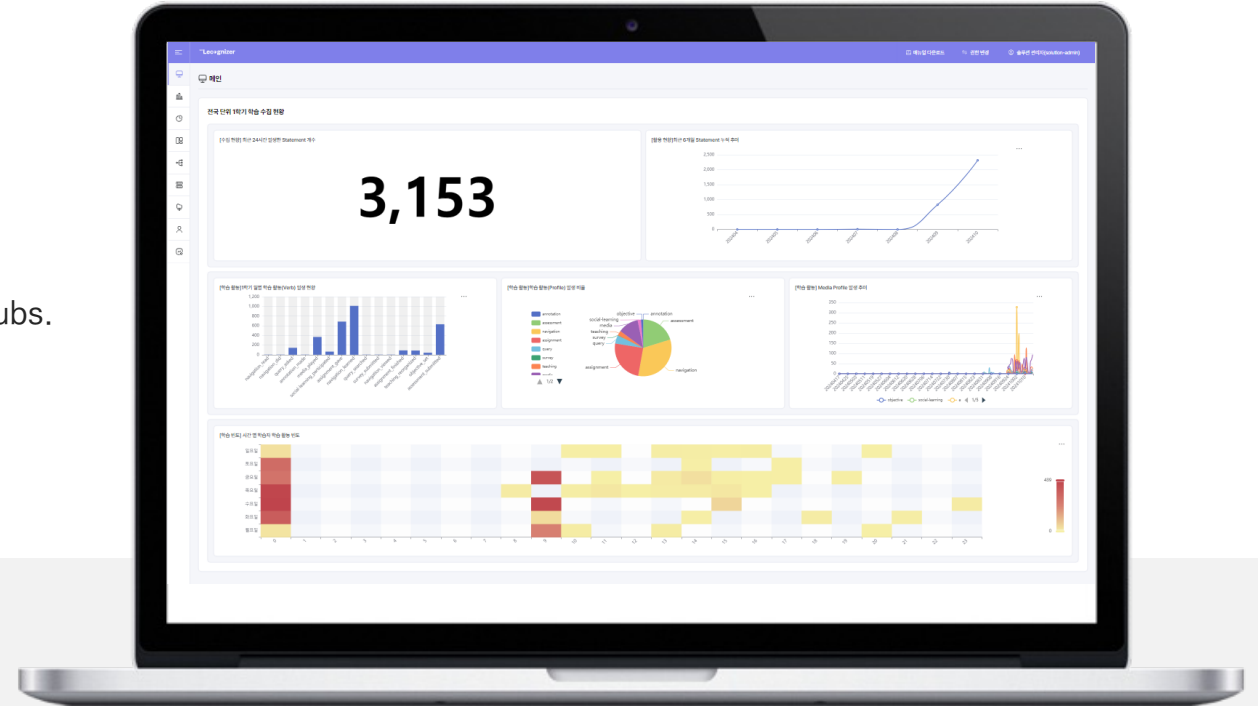
## Built to process learning data at national scale

Designed with scalability and high availability for national-scale learning data hubs. Built to fit education platforms of every scale, it serves schools, universities, enterprises and public institutions.

**Processing capacity** 11,000 TB/day · 400M messages/day · 250 RPS/core

**Broad applicability** Fits education platforms of all sizes

※ Processing-capacity figures (designed for a 2.7M-learner data hub)

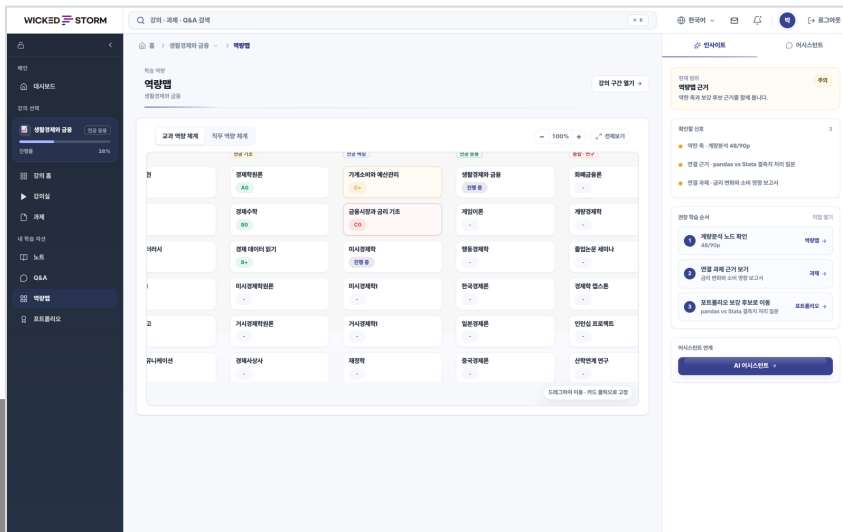


## Solutions

# LEARNHUBBLE AI

Personalized teaching & learning platform with AI interaction

LearnHubble AI is a learning experience platform where administrators, instructors, and learners interact with AI to make decisions and take action.



※ Prototype screens (in development)

## AI-interactive teaching & learning platform

LearnHubble AI

## Lesson Design | Refine lesson design with AI

Instructors **review and apply AI drafts** to their lesson design.

## Classroom | Real-time interaction with AI

An AI panel opens **automatically** when help is needed.

## Assignments | AI hints triggered by detected signals

AI gives **structure-and-condition hints**, not answers.

## Academic Competency Map | View linked competency frameworks

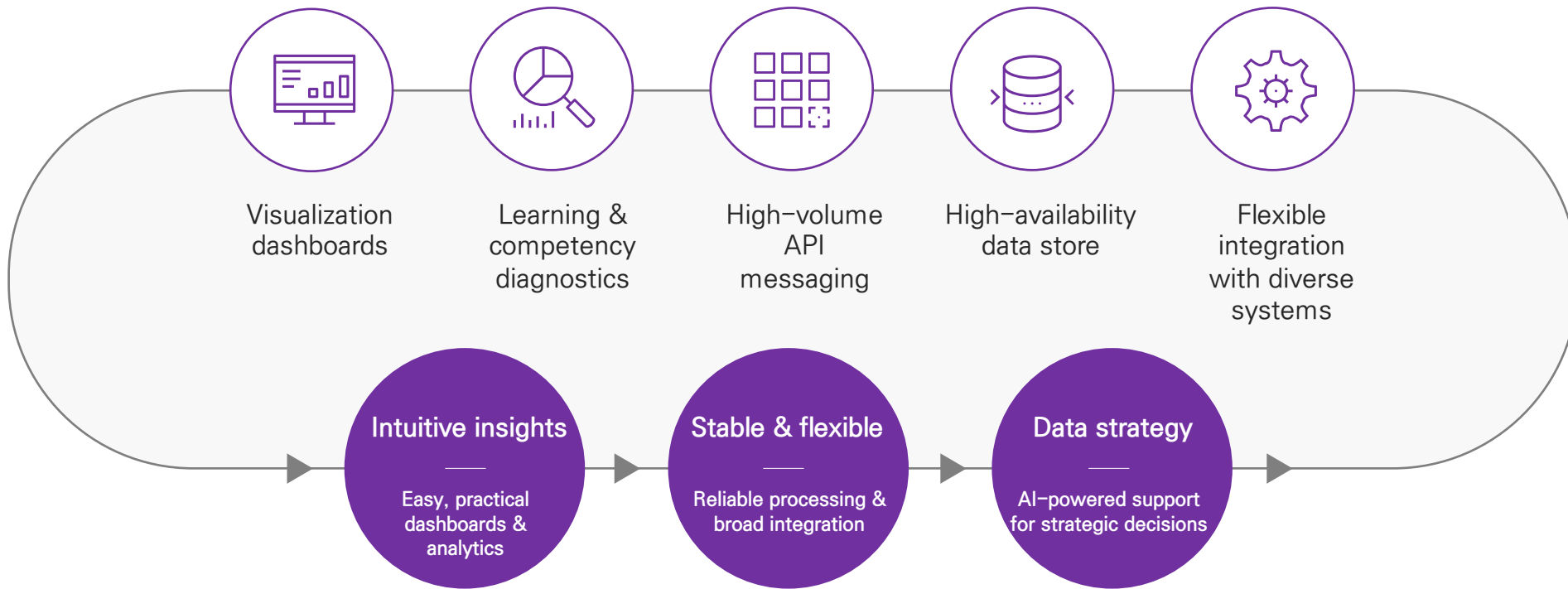
Academic and job-related frameworks, shown in a **1EdTech CASE-based map and portfolio**.

## Solutions

# LECOGNIZER

**Key Features**

An AI analytics solution that adapts flexibly to how institutions and enterprises collect, analyze, and visualize learning & competency data.



Specialized in high-performance, high-stability learning & competency analytics

## References

# Data Consulting MOE | CASE Standards

## 1EdTech CASE Framework–Based Curriculum Standards

In the AI Digital Textbook program, we built 1EdTech CASE<sup>1)</sup> framework–based curriculum standards, resolving asymmetry and disconnects among textbooks, content, and other curriculum elements, and laying the groundwork to link learning goals with competencies.

Extending to universities, public bodies, and enterprises, we aim to provide a foundation that ensures coherence and consistency across complex learning elements.

1) CASE (Competencies and Academic Standards Exchange) is an international edtech standard for curriculum frameworks. Using its information model, developers' curricula and learning maps align with the national curriculum.



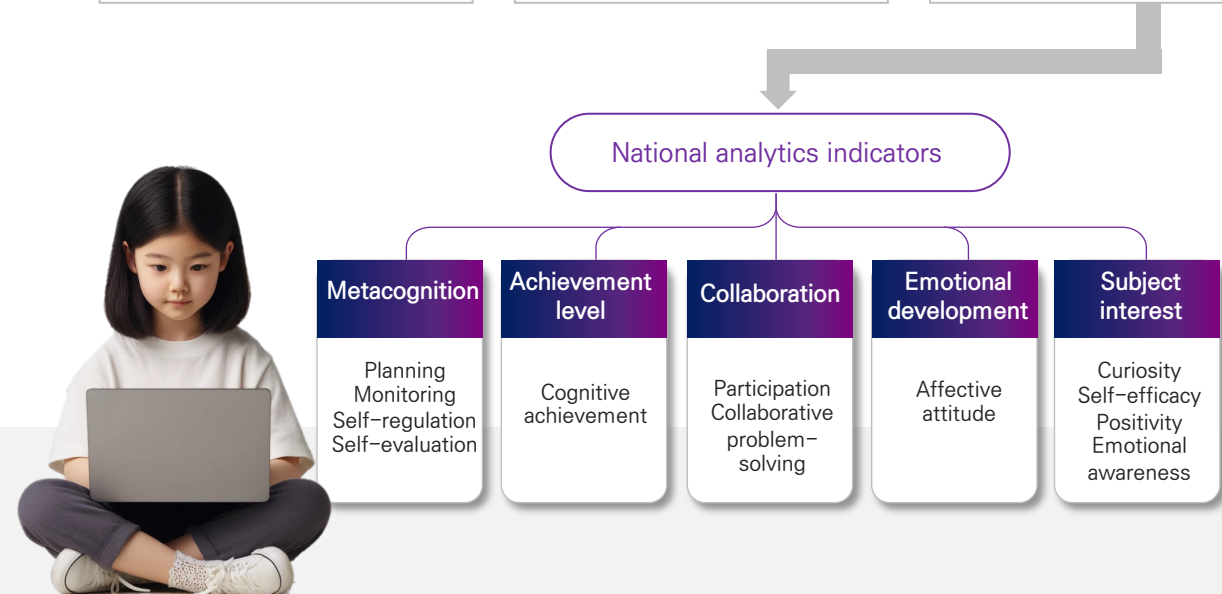
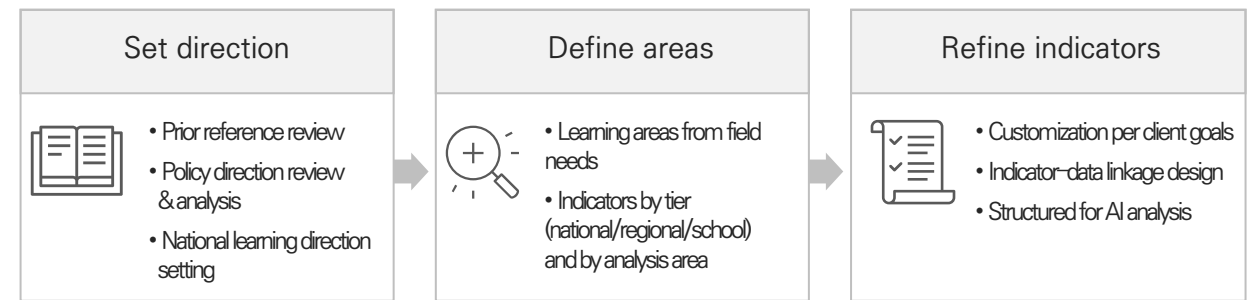
## References

# Data Consulting MOE | Indicator Design

## Indicator Design Consulting for AI Learning Analytics

We know how to design and systematize key indicators for outcome prediction and competency diagnosis from education data.

Reflecting input from educators, service operators, and other stakeholders, and drawing on our experience designing indicator frameworks that are both valid and practical in the field, we implement custom AI analytics frameworks optimized for each organization.



## References

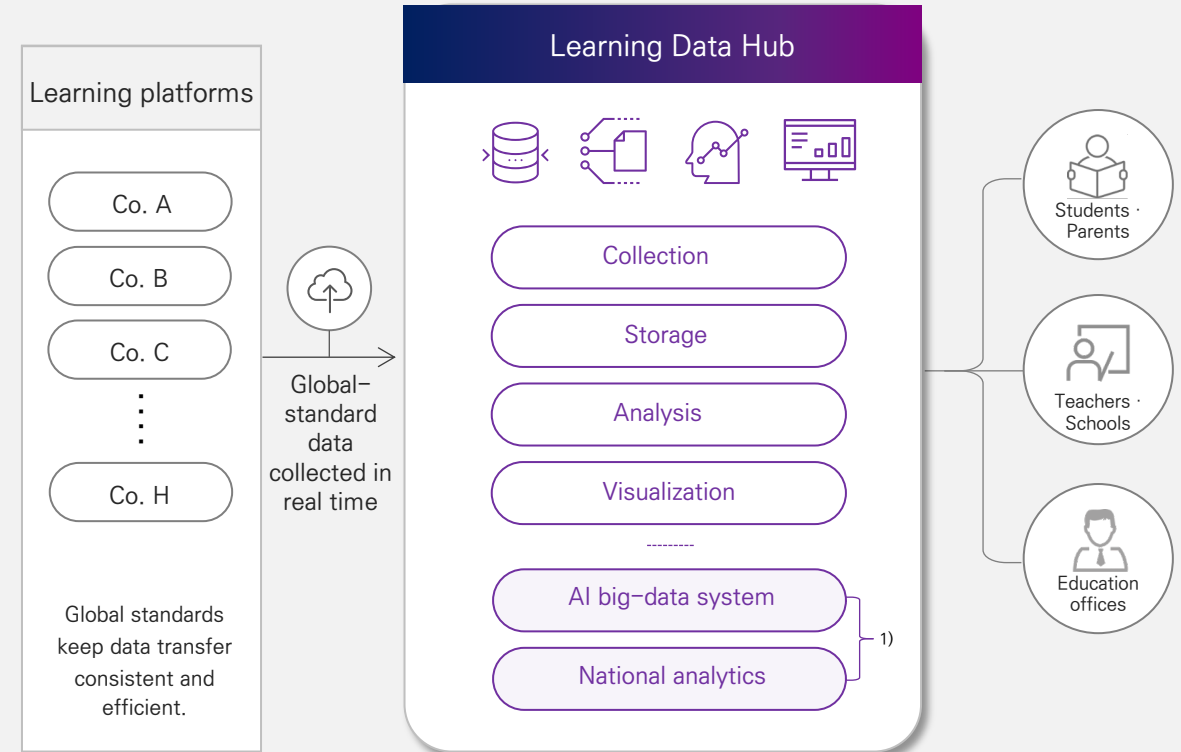
# Custom AI Development

 MOE | Learning Data Hub

## AI-Based Learning Data Hub Platform

Built on global standards, we collect learning data from countless institutions and developers in real time, and provide an AI-powered automated data environment that turns it into shared data assets.

Built on years of experience designing AI-based hub systems, we deliver convenient, secure learning data analytics services.



1) AI & big-data learning analytics at national (policy), regional (office of education), and school (school-unit) levels.

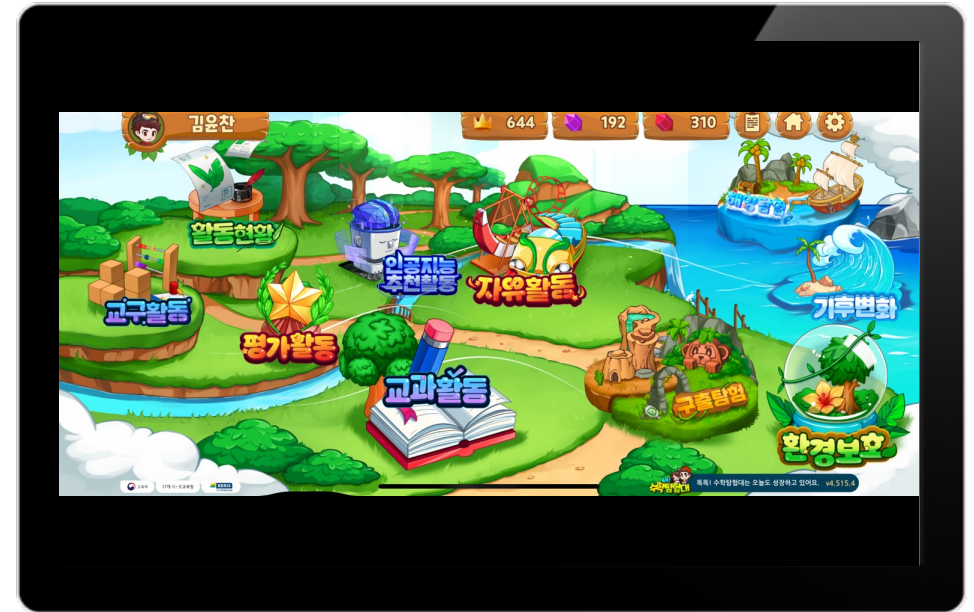
## References

# AI Analytics Solution

KERIS | AI Elementary Math Class Support System

## AI Learning Analytics Proven in Public Education

The AI analytics inside 'Toc Toc! Math Expedition' diagnose each learner's level and recommend tailored content. Student satisfaction and algorithm validation confirmed its effectiveness in the field.



Cumulative users

**2.4M**

Algorithm accuracy

**93%**

Student satisfaction

Avg. **90** pts

Algorithm fit

**95%**

Source:  
MOE performance review · KOLAS measurement

## References

# More Cases

Our reach and success stories keep growing with advances in AI and integrated technologies.

## National HRD Intelligent Open Platform



Social learning experiences from social communities and live webinars were captured as structured data.

Social learning

SNS

Webinar

## Seoul Metropolitan Government Seoul Education Platform



Mentor-mentee learning data from the video platform, plus emotional states and utterances, enable deep analysis.

Mentoring

Emotion

Unstructured data

## Dong-A Publishing AI Digital Textbook Platform



We supplied Lecognizer for Dong-A's AI Digital Textbook platform, with xAPI profile design and a 120-type data framework.

AI Digital Textbook platform

xAPI profiles

## References

# More Cases

Our reach and success stories keep growing with advances in AI and integrated technologies.

## KERIS Toc Toc! Math Expedition – AI diagnosis & recommendation



In the elementary math system, we collected students' behavior and experience data and deployed diagnosis & recommendation models.

[Diagnosis & recommendation](#)[Rewards](#)

## Ministry of Education AIDT Learning–Data Framework



We collect learning data from AI digital materials to global standards and built a national analytics data framework.

[CASE standards](#)[Learning data hub](#)

Core Strengths

# AI·DATA Expert Organization

Our R&D is led by the AI Education Technology Lab, our corporate research institute accredited by the Ministry of Science and ICT.

EdTech specialists

AI platform developers

Data consultants

AI experts



1) AIDivision: a digital strategy partner solving problems for enterprises and institutions – client-tailored consulting, system design & build, and AI model development, powered by AI algorithms and data expertise.

## Core Strengths

## Proven Technical Excellence

Our technology and growth potential are officially recognized by leading institutions.

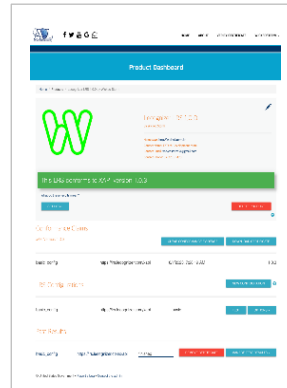
## GS Certification



Cert. no.: KTL-GS-24-0035  
 Software: Lecognizer V1.0  
 Grade: Grade 1 (highest)  
 Item: xAPI learning data  
 storage & visualization SW  
 Certified by: Korea Testing  
 Laboratory (KTL)

Software quality & stability assured

## LRS International Certification (ADL)



Product: Lecognizer LRS 1.0.0  
 Company: Wicked Storm  
 xAPI version: 1.0.3  
 Certified: August 1, 2023  
 Certified by: ADL (US)

Meets the global learning  
 data standard  
 Accurate, precise data collection

## AI Model Certification



Product: Learning analytics  
 diagnosis & recommendation model  
 v1.0  
 Company: Wicked Storm Inc.  
 Test item: AI algorithms  
 Cert. no.: 2024-122-VSW-K  
 Certified by: KOLAS

AI algorithm conformity assured

# Core Strengths

# Proven Technical Excellence

Our technology and growth potential are officially recognized by leading institutions.

## AI Patent



App. no.: 10-2024-0111545  
Reg. no.: 10-2767110  
Title: LLM-based learner profiling method for learner disposition analysis  
Applicant: Wicked Storm Inc.  
Filed: Aug 20, 2024

AI algorithms for learner analysis

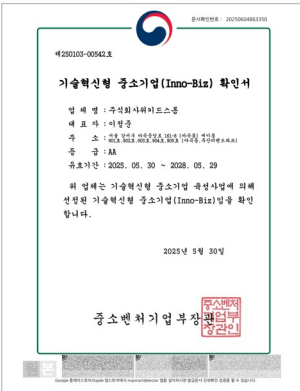
## AI Patent



App. no.: 10-2024-0111546  
Reg. no.: 10-2883249  
Title: Anomalous learning detection system based on xAPI learning behavior data  
Applicant: Wicked Storm Inc.  
Registered: Nov 4, 2025

AI algorithms for behavior detection & prediction

## Venture & Inno-Biz Certifications



Every Learning Moment, Designed for Growth.

WICKED  STORM

|          |                                                                                    |
|----------|------------------------------------------------------------------------------------|
| Company  | Wicked Storm Inc.                                                                  |
| CEO      | Jeongjun Lee                                                                       |
| Founded  | January 6, 2021                                                                    |
| Business | Custom AI, AI analytics solutions, data consulting                                 |
| Website  | wickedstorm.kr                                                                     |
| Email    | manager@wickedstorm.kr                                                             |
| Contact  | T. +82-2-2205-1470                                                                 |
| Address  | Rm 901-905, Bldg A, 161-8 Magokjungang-ro,<br>Gangseo-gu, Seoul, Republic of Korea |

**WICKED  STORM**