FOR SCHOOLS THAT REFUSE TO COMPROMISE

Built Today for the Classrooms of the Next Decade.

Flagship-grade hardware. Native AI.
One integrated classroom stack.

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PART ONE

ClassIn at a Glance — Proven at Scale. Built for What's Next.

01

20M+ users. 15,000+ institutions. 30M+ sessions. One regional team in Singapore & Malaysia

Trusted by Leading Schools and Universities Worldwide

PARTNER INSTITUTIONS

EtonHouse · Affiliated School of TSINGHUA
SUSS | IAL · National University of Singapore

60,000+ institutions across 6 countries

CHINA · SINGAPORE · JAPAN · SOUTH KOREA · VIETNAM · PHILIPPINES

Founded 2014 · Purpose-built for education

ClassIn at a Glance

The world's leading integrated classroom technology platform. Purpose-built for education since 2014.

3B USD Valuation (Tencent / Hillhouse / SIG)	**60K+** Institutions Served	**200M+** Sessions Completed	**50M+** Educators & Learners
4.5M+ Monthly Active Users	**600+** Engineers & DevOps	**1,000+** Staff Globally	

RECOGNIZED BY

Named to GSV Global EdTech 50 — one of the world's most transformative education companies.

RECOGNIZED BY

Endorsed by SUSS & IAL — winner of the **innovSpur** innovation grant in Singapore.

Singapore Office

EEO / ClassIn Service commitment — **1-hour response, 12-hour daily local support, 7 days a week**

Trusted Where Standards Are Highest.

From the world's leading universities to flagship K-12 networks and the publishers that set the global curriculum.

WORLD-CLASS UNIVERSITIES

CORNELL UNIVERSITY · UNIVERSITY OF LONDON · WASEDA University · UAEU · King Saud University · PEKING UNIVERSITY · Tsinghua University · FUDAN UNIVERSITY · University of Science and Technology of China

FLAGSHIP K-12 SCHOOLS

EtonHouse International Education Group · CRANBROOK SCHOOL · YWS · CRESTAR EDUCATION GROUP · XIEHE EDUCATION · WFL 世外教育集团

GLOBAL CONTENT & PLATFORM PARTNERS

Sony Global Education · Pearson · OXFORD UNIVERSITY PRESS · BRITISH COUNCIL · D2L · Agency for Science, Technology and Research SINGAPORE · canvas · Blackboard · moodle · ETS

PART TWO

Solution Overview — One Solution. Every Way to Teach.

Hardware, software and AI, pre-integrated. Four teaching scenarios, one single stack.

02

One Solution. Three Layers.

Hardware + Software + AI — working as one coordinated system

HARDWARE

ClassIn Board

65"–110" 4K, anti-glare, low-latency touch

Auto-Tracking Camera

4K dual-lens, AI auto-track teacher & student

360° Ceiling Mic

32 mics, 80m² pickup, beamforming

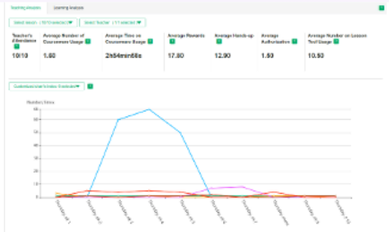
SOFTWARE

Teaching OS

Whiteboard, annotation, polls, quizzes

Virtual Classroom

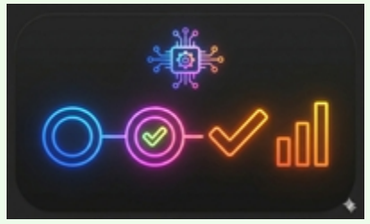
Livestream, whiteboard, replay



LMS & Central Management

Scheduling, recording, enrollment

AI

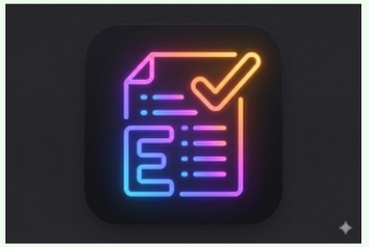


AI Agents

Math, science, language

AI Evaluation

Auto lesson scoring



AI Reports

3-layer learning reports

ClassClaw

AI teaching assistants

Four Scenarios. One Platform.

01

Smart In-Person

Whole-class interaction, polls, mirroring, annotation.

02

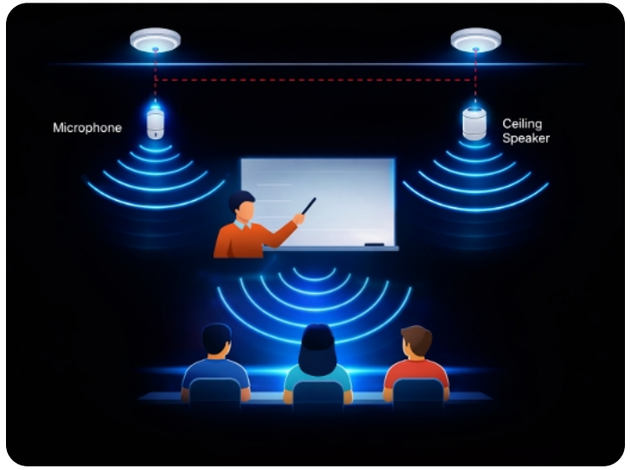
Auto Recording

Every lesson captured — no teacher action required.

03

Audio Amplification

Voice lift for 80m² rooms. 1° beamforming. AI denoise.



04

Hybrid

Remote students join live — dual-screen teaching ready.

PART THREE

The Hardware — Purpose-Built for Teaching. Not a Rebadged TV.

Three anchor devices, designed around how teaching actually happens.

03

ClassIn Board — The Teaching Anchor

The most advanced interactive flat panel designed for education.

- 4K ultra-clear, anti-glare, eye-friendly (low blue light cert)
- Low-latency writing — near-zero lag
- Built-in 8-array mic + speakers
- Built-in Windows for cloud file access
- Available 65" / 75" / 86" — wall-mount or mobile stand

CERTIFIED BY

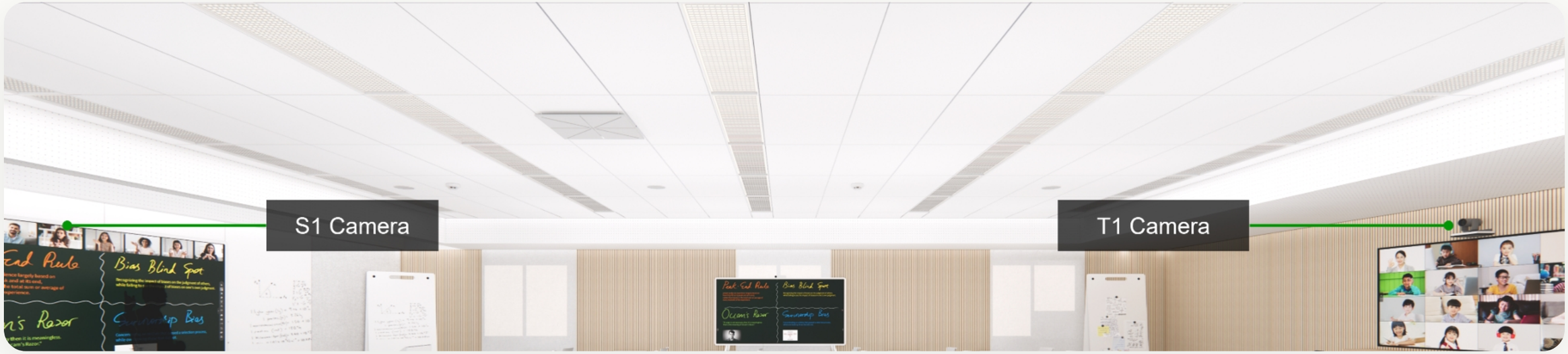
Auto Tracking Camera — Follows Teaching, Not Just Faces.

4K dual-lens auto-tracking camera. **Wide-angle + close-up**. No operator needed.

- 8.42MP, digital zoom + multi-power
- **T1** (rear wall) — teacher tracking
- **S1** (front) — student capture
- Dual purpose: hybrid visibility + lecture capture

T1
Rear Wall · Teacher Tracking

S1
Front · Student Capture



Dual-camera deployment — wide-angle classroom view + auto-tracked close-up, no human operator

360° Ceiling Array Mic — Every Voice, No Lapel Pin.

Teachers and students just speak — the ceiling array lifts, balances and records every voice. No lapel pin, no handheld, no “please speak up.”

- **1°** beamforming follows the active speaker automatically
- **80m²** coverage — one ceiling unit per classroom
- AI denoise filters HVAC, corridor and chair noise in real time
- Integrated speaker array — balanced voice lift, no feedback

> Speak naturally — the room amplifies and records. No wearables, no setup, no friction.

ClassIn Ceiling Mic + Speaker Array

AUTO-ZONED COVERAGE

Beamforming zones lift every voice naturally — hands-free, **wearable-free**.

Why This Combination Wins.

Three devices, one vendor, one SLA.

1 Sightline
Screen size vs. room width. Dual-screen at ~12m.

2 Acoustics
Ceiling mic count vs. area. Cascading for large halls.

3 Camera Placement
T1 rear wall + S1 front. Optimal tracking zones.

4 BYOD Readiness
Network capacity + wireless casting support.

5 Furniture Flexibility
Mobile vs. fixed. Reconfigurable layouts.

6 Retrofit-First
Layer new tech on existing infrastructure.

3D reference classroom · principles mapped to real physical elements

PART FOUR

Classroom Interaction — Where Teaching Actually Happens.

The Teaching OS layer — polls, mirroring, sketchboard, dual-screen — built for secondary curriculum, not boardroom calls.

04

TEACHING TOOL 1

Interactive Whiteboard — A Saveable, Infinite Canvas.

Not a passive display — every stroke, every annotation, every board state preserved as a teaching artefact.

- **Whiteboard + Savable Annotation**
  Every stroke saved back to the lesson record.
- **Engagement Toolkit**
  Timer, random pick, QR share, screenshot — one tap each.
- **Student Mirroring**
  Any student device to the board in < 2s.
- **Integrated Tools**
  Formula editor, function plotter, mind map — no context switching.

ONE TOOLBAR — EVERY TEACHING TOOL ONE TAP AWAY

Write & Draw	Polls & Quizzes	Timer	Random Picker	Hand Raise	Laser Pointer
Infinite whiteboard	Live responses	Countdown & stopwatch	Cold-call fairly	Turn-taking	Attention focus

TEACHING TOOL 2

Every Student Access the Poll.

Five moments of interaction per lesson — not an end-of-term survey. Built into the flow of teaching.

- **Live Polls**
  Pulse-check understanding in under 30 seconds.
- **Quick Quizzes**
  Formative assessment, auto-graded, individual feedback.
- **Random Pick**
  Equitable participation — not just raised hands.
- **Instant Result Display**
  Bar charts on the board within seconds of the last submission.

TEACHING TOOL 3

Sketch Board — Every Student's Thinking.

Every student gets a personal mini-blackboard. All responses appear on the main board — see not just who got it right, but how each student thinks.

- **Personal Mini-Board**
  Every student writes, draws, or types on their own device.
- **Live Gallery**
  All responses appear simultaneously on the main board.
- **Tap to Enlarge**
  Select any response to annotate and discuss with the class.
- **Pattern Detection**
  Error patterns visible in seconds — not after grading.

TEACHING TOOL 4

Group Discussion & Collaboration.

Structured group work — teacher assigns groups, monitors all simultaneously, shares with one tap.

01 Assign groups
Each group gets a shared workspace.

02 Monitor live progress
Teacher monitors up to 8 groups in one view.

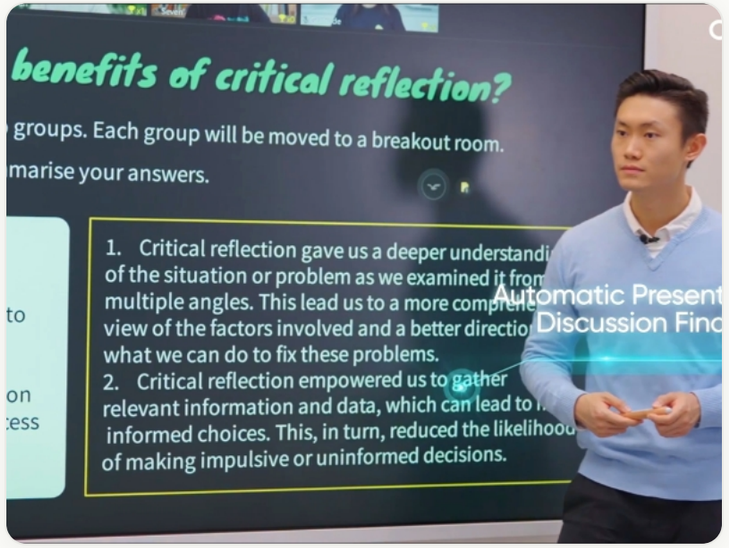
03 Share to main screen
Push any group's work to the main board. BYOD-ready.

04 Capture & summarise
Ceiling mic auto-records and summarises discussions.

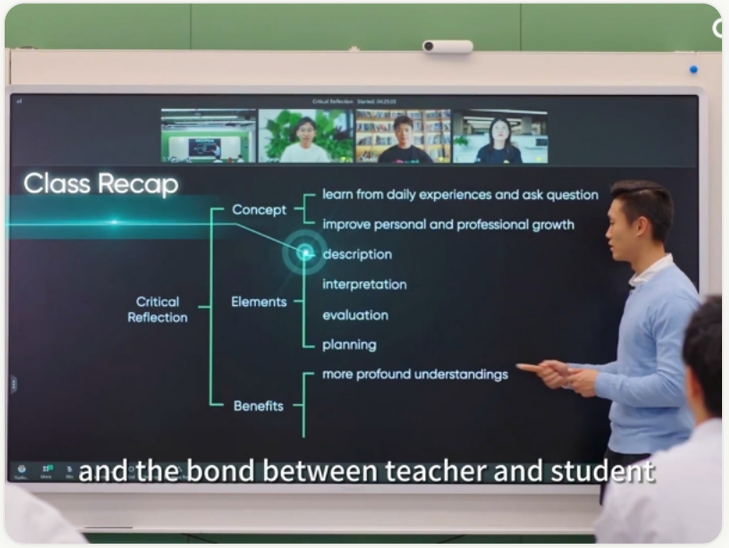
01 Assign groups

02 Monitor live progress

03 Share to main screen



04 Capture & summarise



Why ClassIn — Purpose-Built for Teaching

Three categories of competitors. Three structural reasons ClassIn wins — not on price, not on features, but on what the product was built for.

vs. General AV Solutions

✕ THE TYPICAL STACK

Zoom Rooms · Teams Rooms · Google Meet Rooms

Conferencing hardware repurposed for teaching

✓ CLASSIN

Teaching OS — whiteboard, polls, quizzes, annotation, mirroring, AI analytics all built in.

vs. Standalone Recording

✕ THE TYPICAL STACK

Panopto · Echo360 · Kaltura Capture

Recording-only platform bolted onto existing AV

✓ CLASSIN

Capture is a by-product of the same hardware. No separate encoder, no parallel system. **One investment, three capabilities.**

vs. Bolt-On AI Tools

✕ THE TYPICAL STACK

Otter.ai · Fireflies · Read.ai · Course Hero

Post-class transcript + summary via API

✓ CLASSIN

AI runs **live during the lesson** with full multimodal access — audio, visual, interaction. Not a post-class plugin.

Other solutions equip a room. **ClassIn equips a teacher.**

PROOF — WHO CHOSE CLASSIN OVER THE ALTERNATIVES

60K+

Institutions chose **teaching OS** over conferencing-first solutions

EtonHouse

Dozens of classrooms deployed across Bangkok & Jakarta campuses

Tsinghua HS

Whole-school adoption — every teacher on the new method in **one month**

PART FIVE

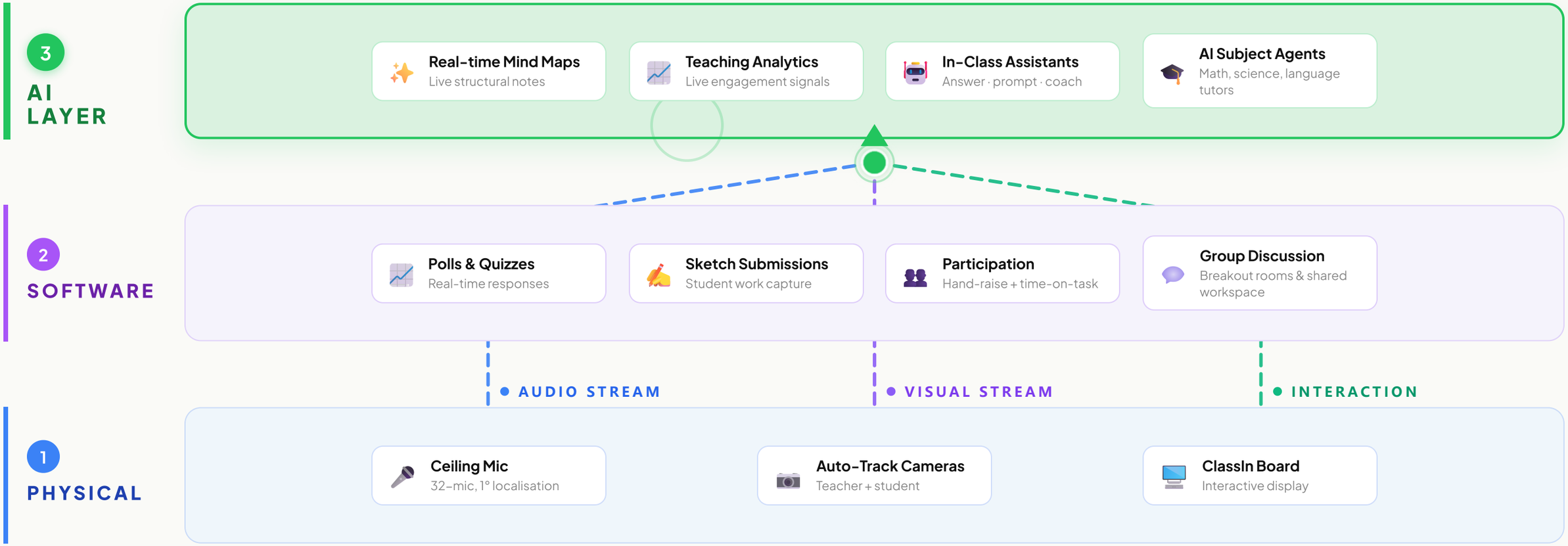
AI That Lives Inside the Classroom — Not Bolted On.

Not third-party. Native. Trained on teaching, not on meeting transcripts.

05

An AI That Sits in the K-12 Classroom

Board, voice, and student responses — **captured where teaching actually happens**, not piped in from a generic AI service.



The hardware **captures** the classroom. · The software **structures** the interaction. · The AI **understands** both — **live.**

AI FEATURE 1

AI as the Subject Specialist.

Not a generic chatbot. Subject agents that understand handwriting, diagrams and classroom dialogue.

Math Function Agent

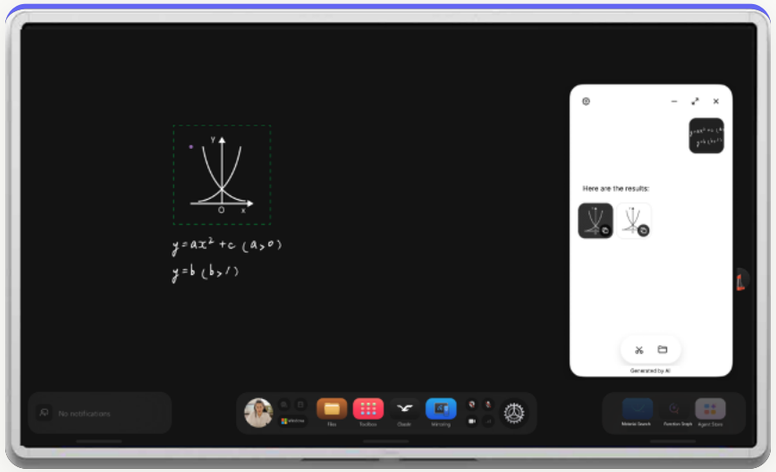
Teacher writes an equation by hand → ClassIn generates the accurate function graph in real time. No graphing software needed.

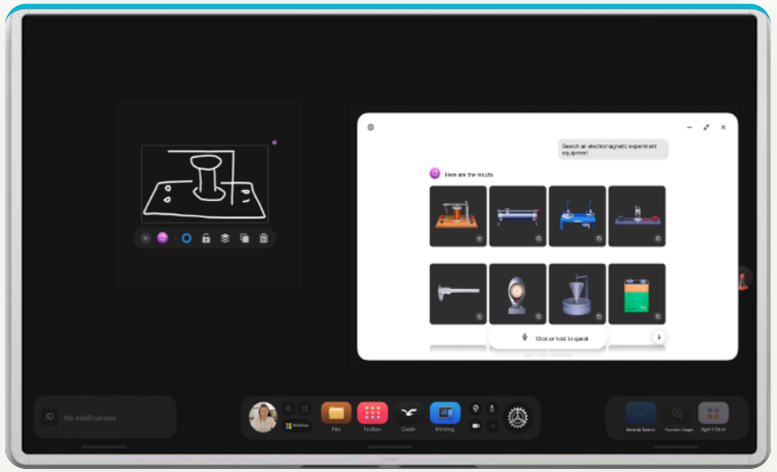
Science Visual Search Agent

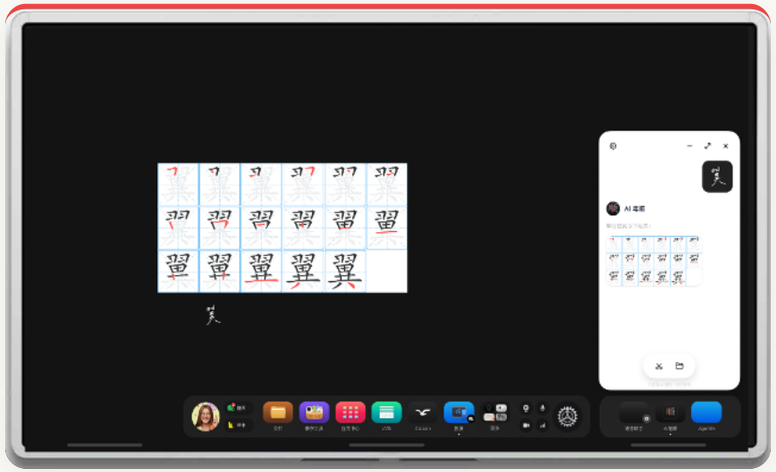
Teacher sketches or describes a concept → ClassIn retrieves matching scientific diagrams and visuals instantly.

Chinese Stroke Agent

Teacher writes a Chinese character → ClassIn illustrates step-by-step stroke order automatically to provide guidance.







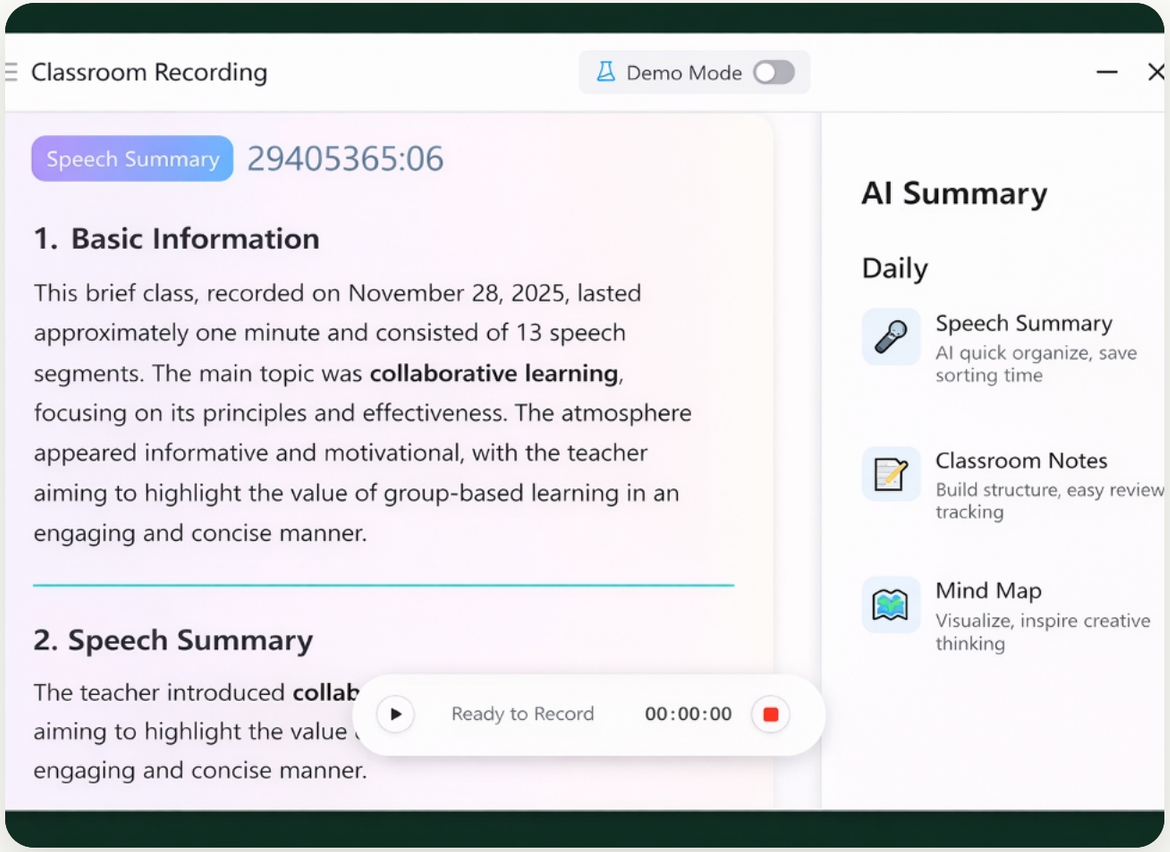
AI FEATURE 2

The Lesson Writes Its Own Review.

Speech is transcribed. Key points surface. A structured note lands in the course record — **before the teacher leaves the room.**

SPEECH → SUMMARY

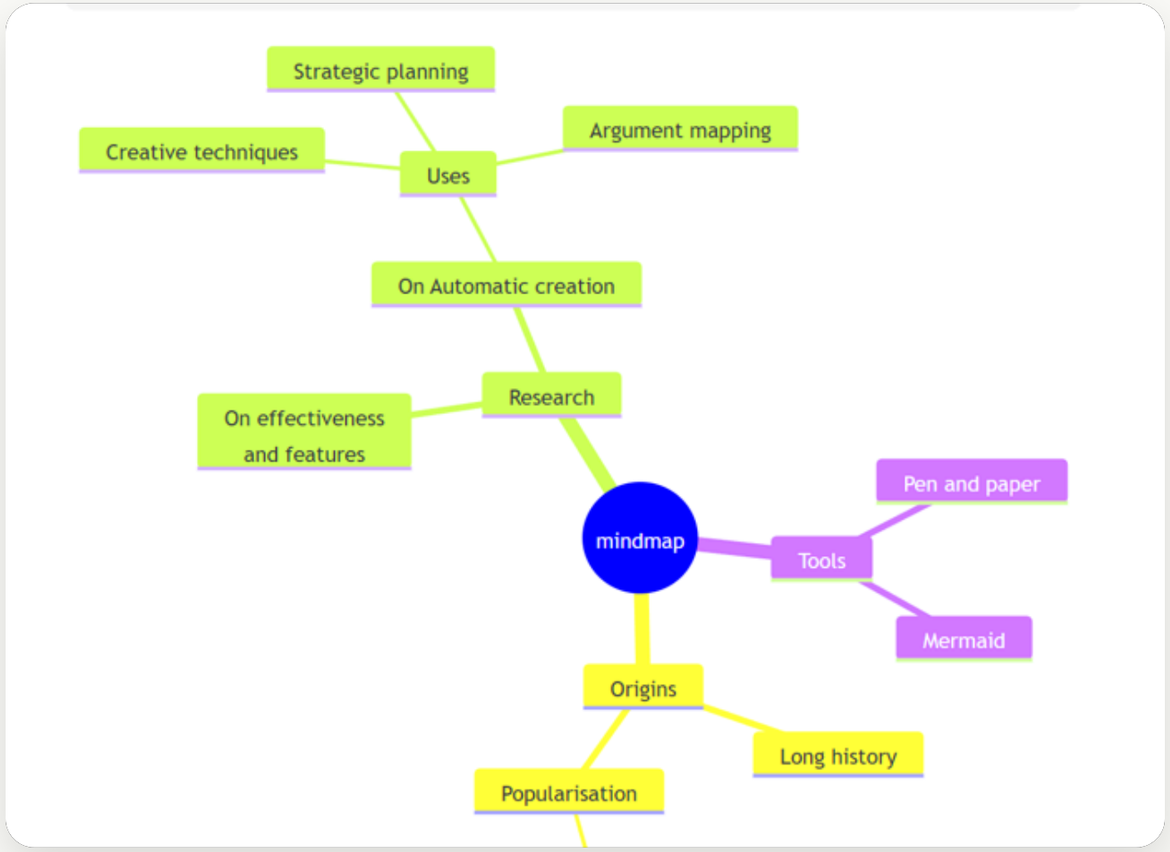
LIVE · IN CLASS



Real-time transcription + AI-structured notes

VISUAL → STRUCTURE

LIVE · BUILDING



Live mind map — nodes added as teacher speaks

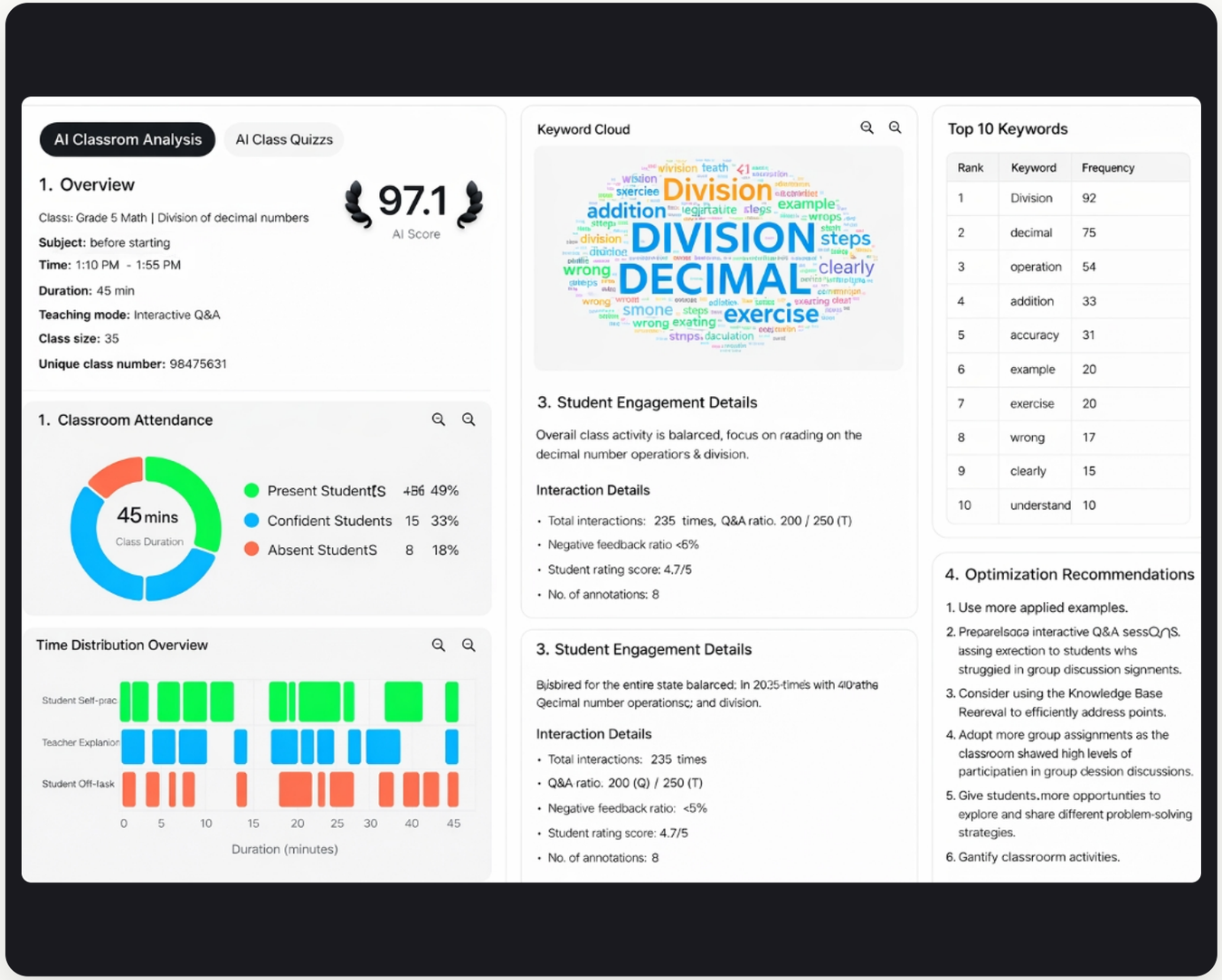
AI FEATURE 3

AI Lesson Analytics.

Automatic AI evaluation — engagement, pacing, participation, and content coverage.

WHAT THE AI MEASURES

- **AI Lesson Score**
  A single **97.1** score from attendance, engagement and time balance.
- **Time Distribution**
  How many minutes on lecture, Q&A, group work, practice.
- **Keyword Cloud**
  Most-referenced concepts — per lesson, per teacher.
- **Engagement Details**
  Poll participation, mirroring frequency, question density.



AI FEATURE 4

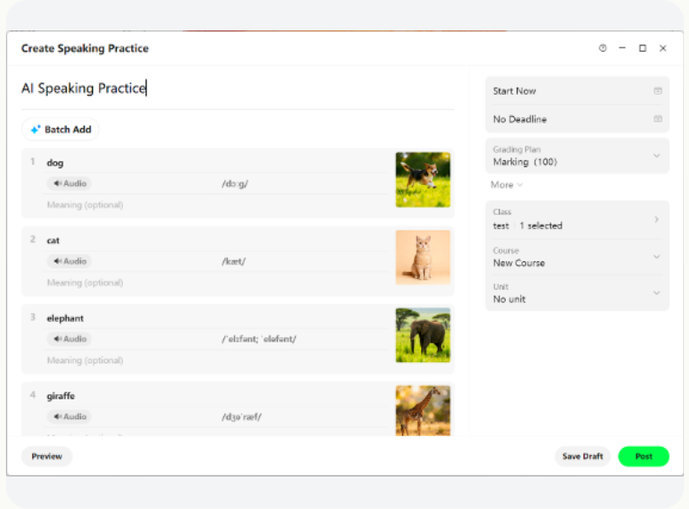
English AI Smart Teaching.

Four AI workflows that make English learning more effective, interactive, and personalized.

01

AI Read-Aloud

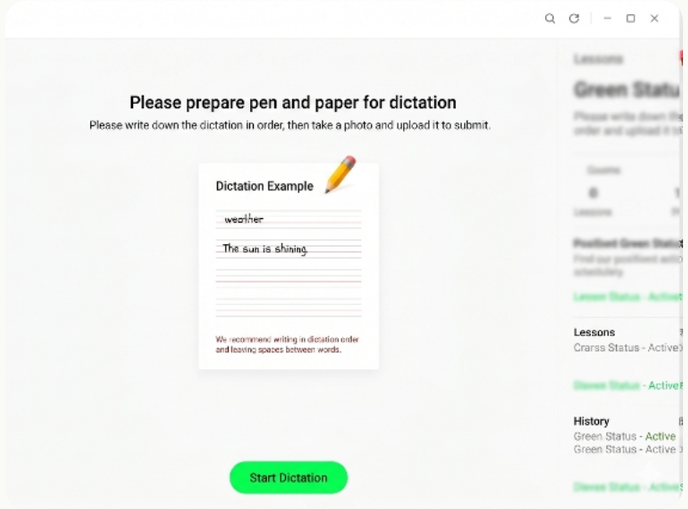
Word-level pronunciation scoring on textbook passages.



02

AI Dictation

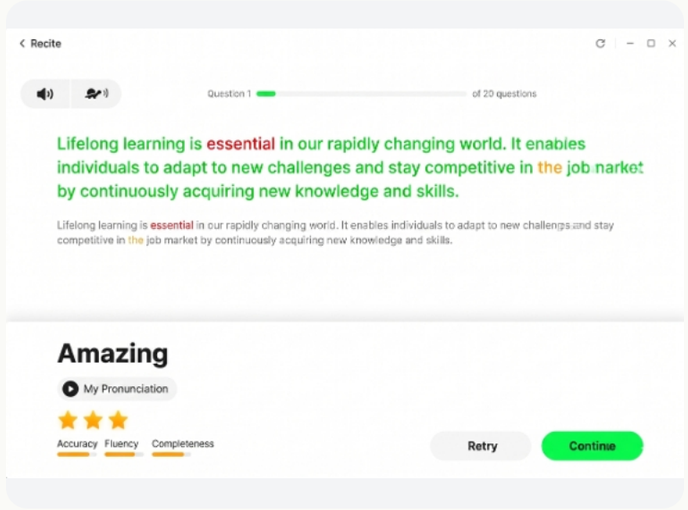
Upload paper worksheets → auto-grading in seconds.



03

AI Recitation

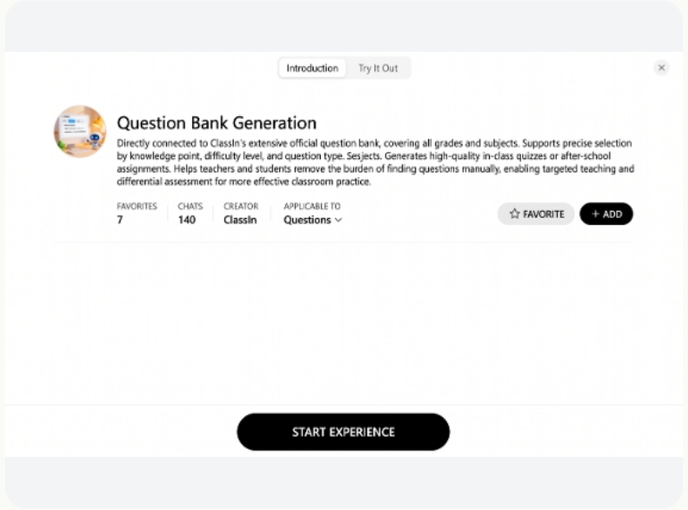
Poem and prose recitation with fluency + accuracy feedback.



04

Adaptive Question Bank

AI auto-generates English exercises matched to each student's level.



AI FEATURE 5

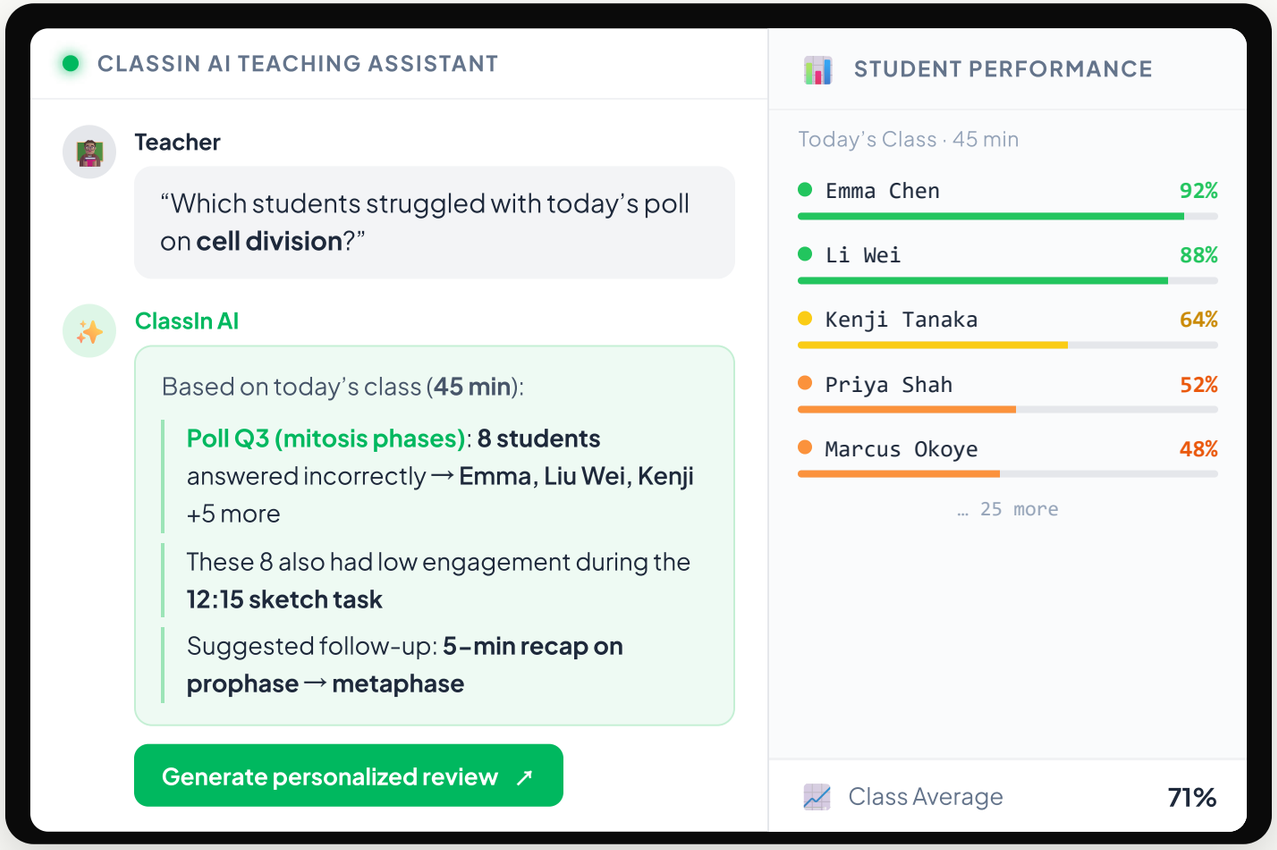
AI Teaching Assistant — With Full Classroom Context.

It hears what's said. It sees what's drawn. It knows who answered what. The AI is **teaching-aware** — not just chat-aware.

LIVE CLASSROOM CONTEXT

- **Hears** every spoken response
- **Sees** board content, slides, annotations
- **Receives** poll, quiz, and sketch-board data

Every answer grounded in what actually happened in this class — not in training data from the internet.



PART SIX

Proof —
Two Schools.
Two Stories. One Stack.

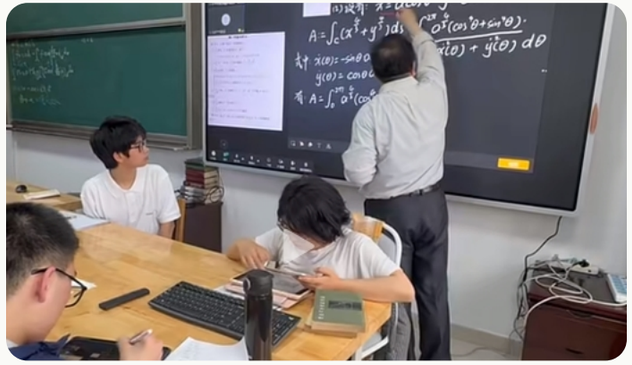
Tsinghua Affiliated High: deep daily usage at scale. EtonHouse: fast rollout across 9 countries.

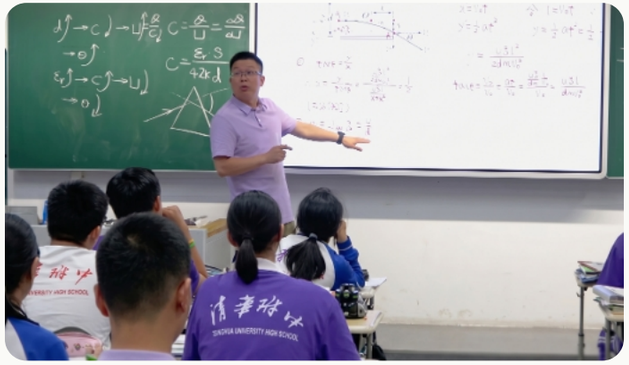
06

Case Study · Tsinghua Affiliated High.

135 devices · **30 min** training · **84%** usage in 2 months · **52.3%** daily recording

- **Scale.** 135 ClassIn Boards deployed across both the middle- and high-school campuses — the largest single-brand rollout in the school's history.
- **Teacher ramp-up.** 30-minute training session → 84% of teachers using the platform actively within 2 months.
- **Daily recording.** 52.3% of lessons recorded and archived every school day — without teacher intervention.
- **Deepest-used features.** Random Picker, Board-within-Board, Timer, QR Share and Screenshot — all in everyday classroom flow.





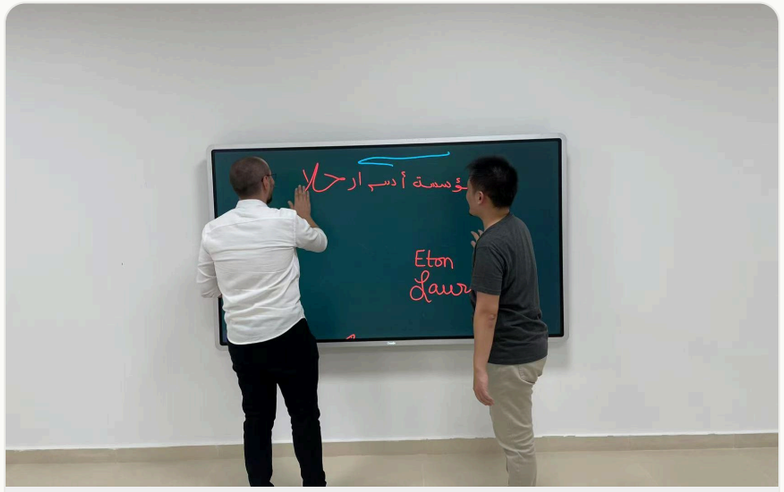
WHY IT WORKED

Purpose-built teaching surface + single-vendor support — teachers learned teaching shortcuts, not "IT".

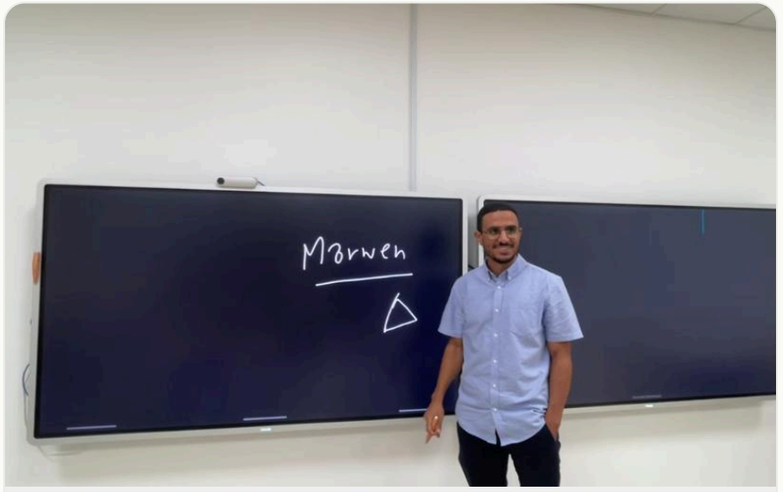
Case Study · EtonHouse International.

100+ schools · **9** countries · **3-stage** install guarantee · **13** classrooms unified

Unified
Same teaching surface across every campus — consistent brand, consistent pedagogy.



Flexible
Multi-language, multi-curriculum. Same stack, local content.



Reliable
Dual-board setups running stable under daily load — zero re-installations.

PART SEVEN

Classroom Packages — Three Packages. Pick by Scenario.

07

Entry · Flagship Hall · Hybrid Tutorial. Same stack, scaled to the room you're equipping.

Three Packages. One Stack.

Spec-only comparison across the three deployment scenarios.

	Package A ESSENTIAL · 30–40 SEATS	Package B FLAGSHIP HALL · 80–200	Package C HYBRID TUTORIAL · 40–60
ClassIn Board	65" / 75" / 86" · single	86" × 2 · dual display	86" × 2 · dual-screen
Camera	/	Auto Tracking + PTZ	Auto Tracking Camera
Microphone	built-in mic	2~3× Ceiling Mic array	1~2× Ceiling Mic
Teaching OS	✓ Included	✓ Included	✓ Included
AI Agents	✓ Math / Science / Mind Map	✓ Full + Analytics	✓ Full + Hybrid tools
AI Teaching Assistant	✓ Standard	✓ Standard	✓ Standard
Capacity	30 – 40 seats	80 – 200 seats	40 – 60 seats
Deployment	Half-day	2 – 3 days	1 – 2 days

Packages are illustrative. Final SKU and site-specific configuration confirmed during solutioning.

PACKAGE A · ENTRY LEVEL

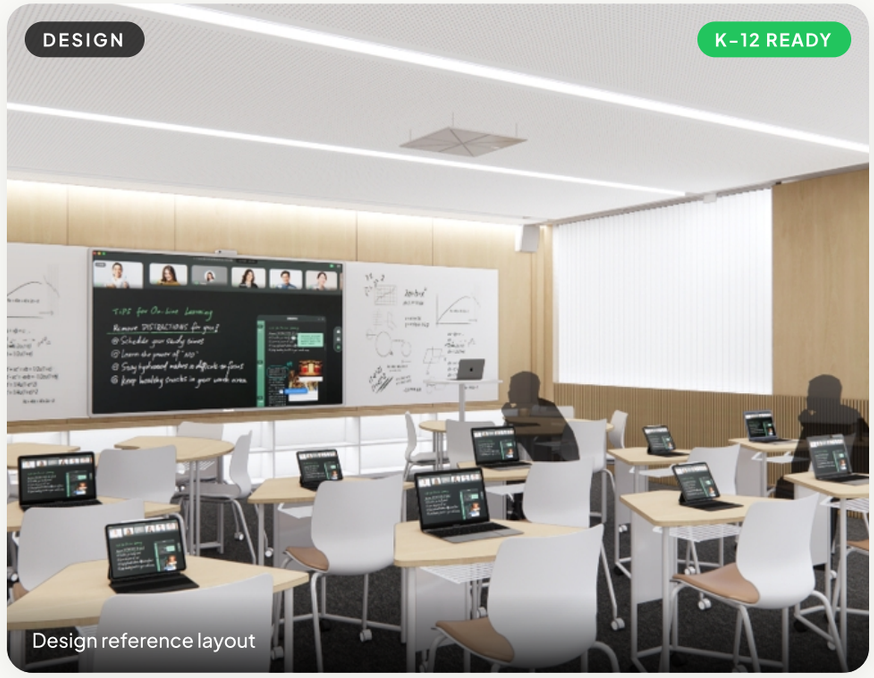
Essential Smart Teaching Room

The fastest path from a traditional classroom to a smart one. Single ClassIn Board, built-in audio, zero custom AV — plug in and teach.

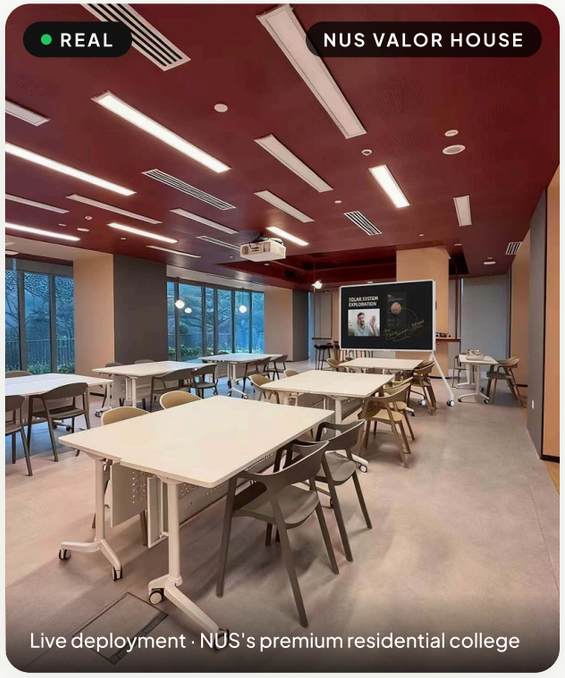
CAPACITY
30–60 pax

DEPLOY
Half a day

REFERENCE
NUS Valor House



Design reference layout



Live deployment · NUS's premium residential college

WHAT'S INCLUDED

📺 Display
1× ClassIn Board 65"/75"/86" · stand or wall-mount

🎤 Audio
Built-in mic + speakers · up to 60 pax

⚙️ Software
Teaching OS · polls · whiteboard · BYOD

DEPLOYED AT NUS VALOR HOUSE

DEPLOYMENT OUTCOMES

Multi-floor	½ day	Zero	Since 2024
deployment across college	per room setup	renovation required	in production

PACKAGE B · LARGE HALL

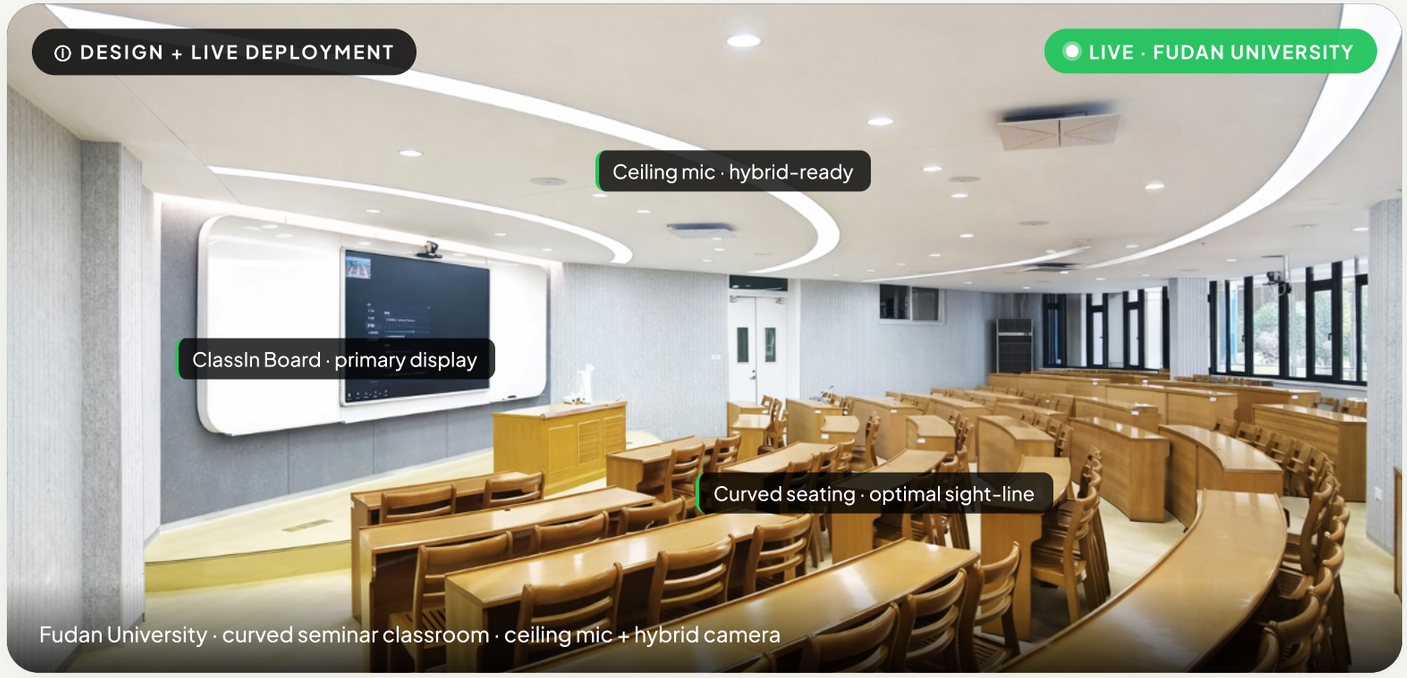
Flagship Lecture & Assembly Hall.

Seminar- and hall-size rooms where every voice is heard — no wearables. Ceiling mic + speaker array + hybrid-ready camera. Walk in and teach.

CAPACITY
200–300 pax

DEPLOY
1 day

REFERENCE
Fudan University



WHAT'S INCLUDED

Display
2 × 86" ClassIn Board / 2 × 110" ClassIn Board

Audio
2–3× ceiling mic (cascaded)

Camera
Hybrid-ready auto-tracking

Software
Teaching OS · hybrid always on

DEPLOYED AT FUDAN

DEPLOYMENT OUTCOMES

20–40	Zero	Hybrid	Fudan Live
pax per seminar room	wearable microphones	always on, no setup	cross-region reference

PACKAGE C · ADVANCED

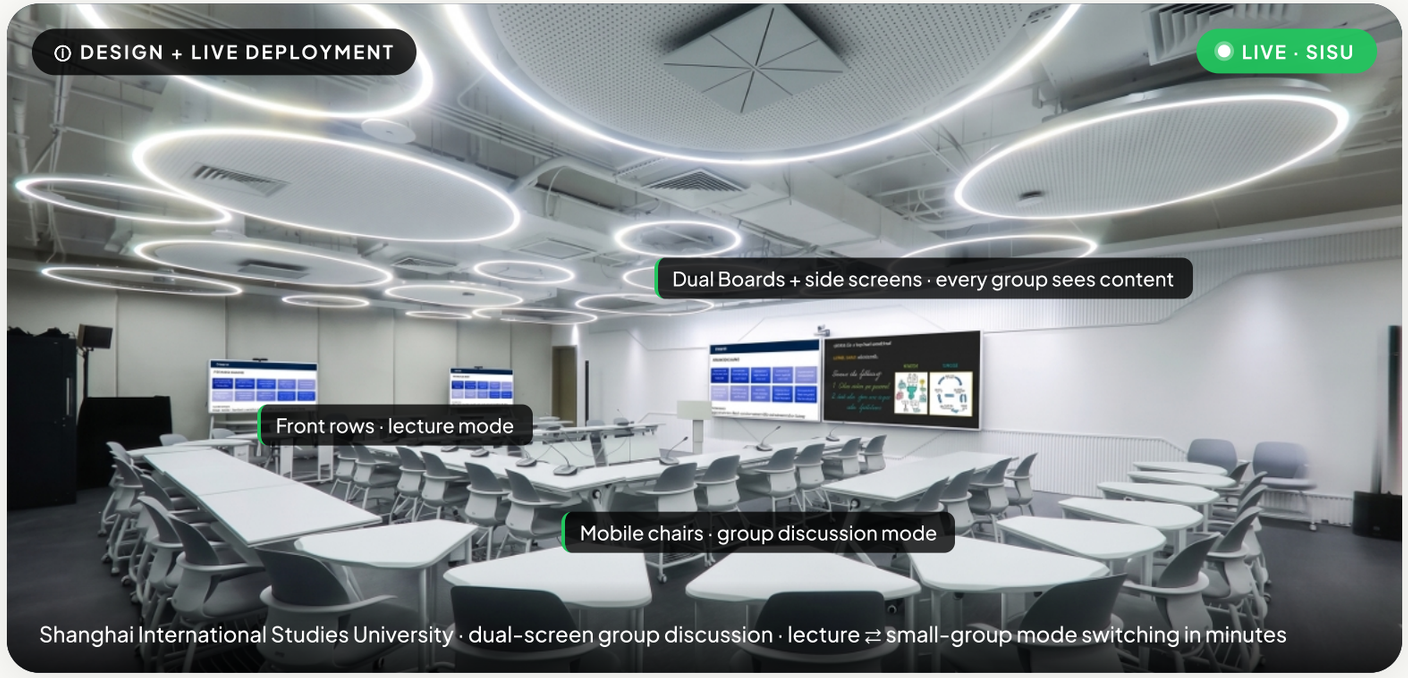
Hybrid-Ready Tutorial & HOD Development Room.

Lecture plus group work in one room. Dual ClassIn Boards for class, movable furniture for small groups. Switch modes in minutes.

CAPACITY
40–60 pax

DEPLOY
1–2 days

REFERENCE
SISU, BNU



WHAT'S INCLUDED

Display
2× ClassIn Board + 2 or 4 side screens (wireless sync)

Audio
1–2× ceiling mic (cascaded)

Furniture
Movable chairs · lecture ⇄ group in minutes

Software
Teaching OS · push any group to main board

DEPLOYED AT SISU

DEPLOYMENT OUTCOMES

60–120	Lecture ⇄ Group	Minutes	SISU + BNU
pax per discussion room	dual-mode layout	to switch between modes	live cross-campus references

Visit Our 3 Live Demo Sites in Singapore

Experience in-person teaching, voice lift, lecture capture, and hybrid collaboration first-hand.

Hybrid Classroom

Smart board + hybrid collaboration. Live daily use for lecture and meeting scenarios.

Cleantech, Singapore

Essential Demo Room

Entry-level smart classroom setup. See Package A in a live, furnished space.

65 Ubi Road, Singapore

AI Adventure Room

Multi-board active learning lab with modular furniture. Experience AI teaching assistant live.

Lifelong Learning Institute, Singapore

Let's Plan Your Pilot

Reach out directly — our Singapore-based team responds within 1 hour.

Phyllis Zhang
Vice President, ClassIn Global
phyllis.zhang@classin.com
+65 8301 3186

Lara Lai
Director, ClassIn Sync Singapore
lara.lai@classin.com
+65 9022 0491

Gao Han
SEA Market & Sales Lead
han.gao@classin.com
+65 9371 8459