



AI Smart Education Solution



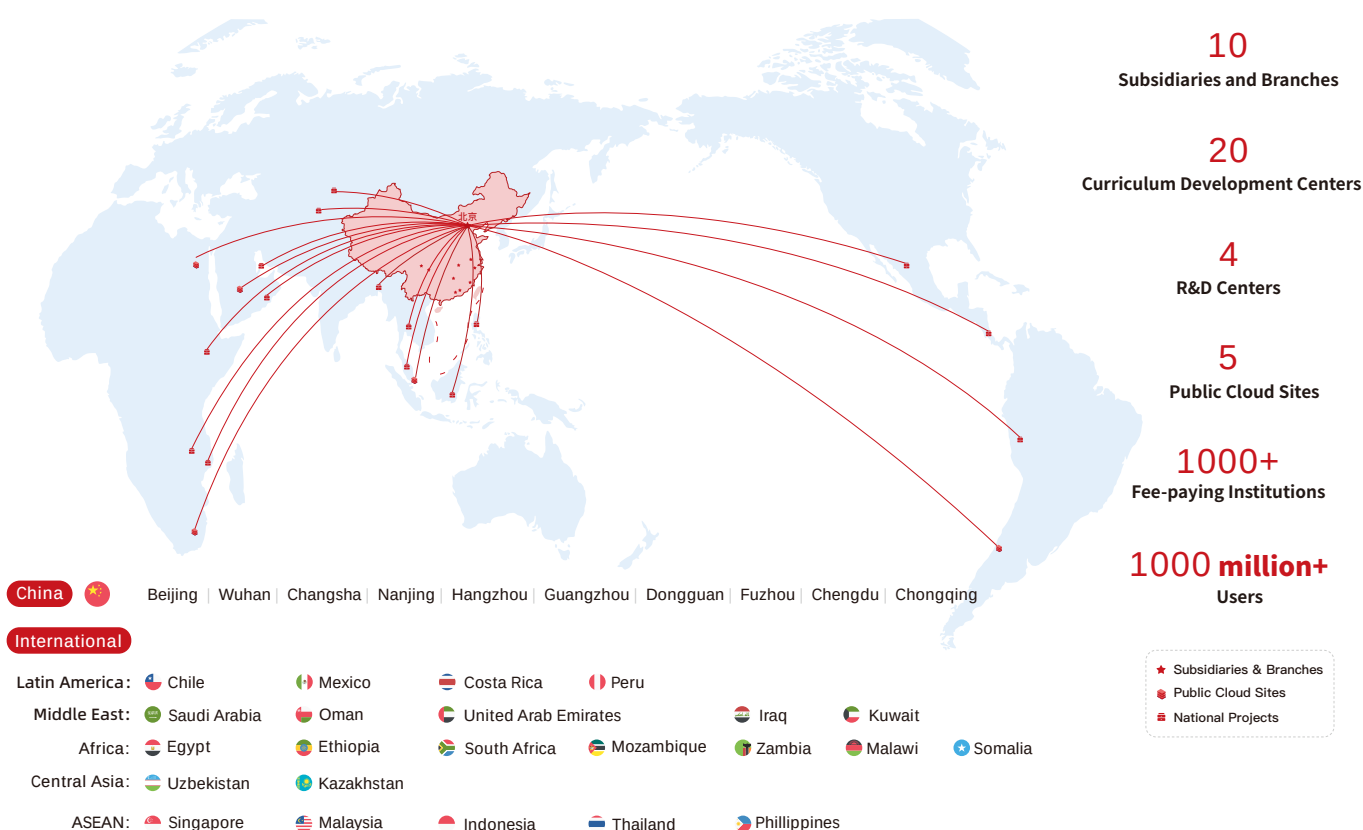
About Us

ULearning is the first education technology enterprise invested in by People.cn Co., Ltd. (603000.SH). Founded in 2006, the company specializes in the deep integration of next-generation information technologies with teaching and learning. It provides comprehensive smart education solution integrating content, platforms, and services for educational institutions, government agencies and enterprises.

As Huawei's certified solution partner in global education industry, it combines Huawei's full-stack ICT infrastructure capabilities to provide smart education solutions service across the world. Its solutions combine public cloud services with national hybrid cloud deployment.

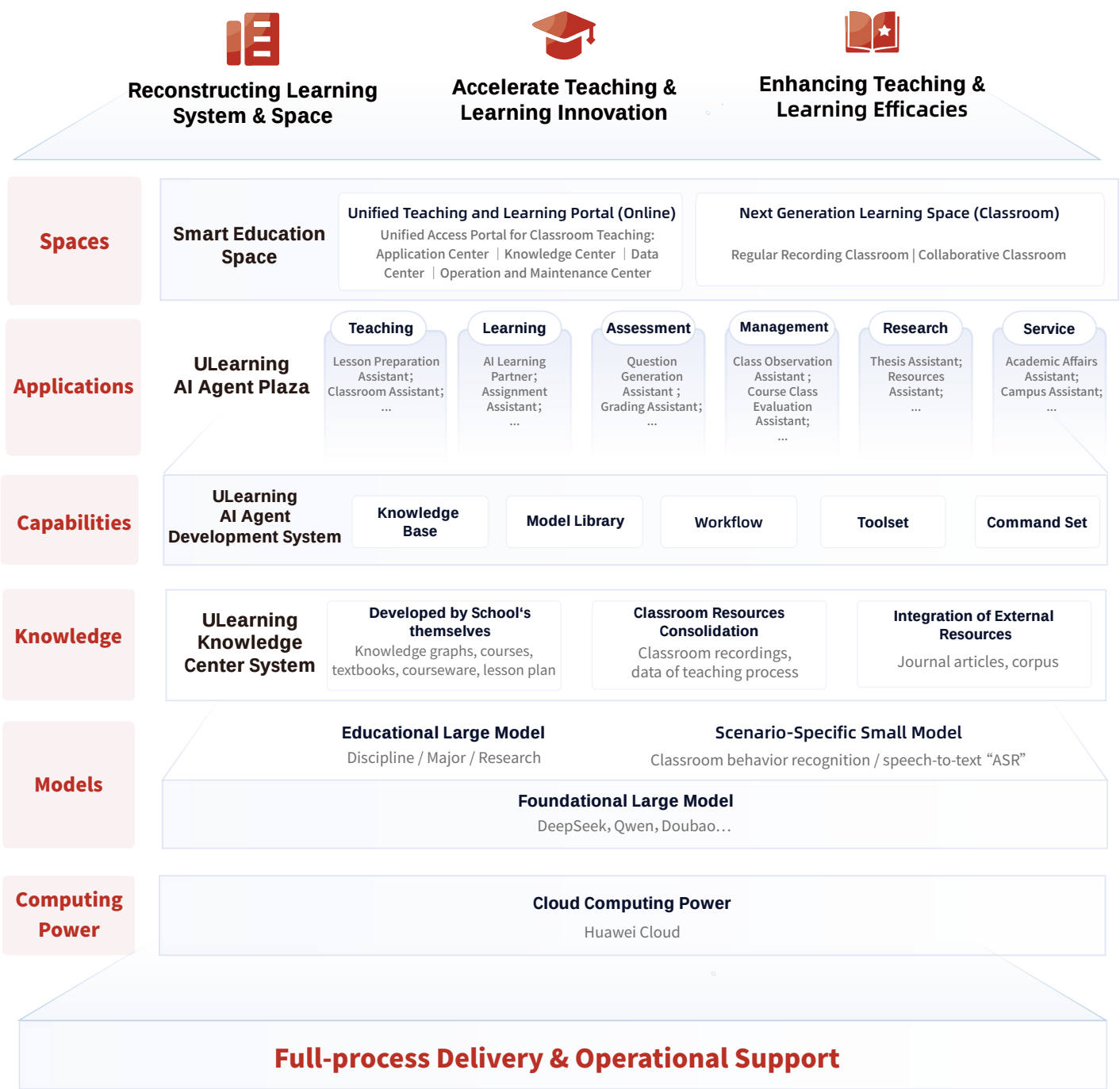
»» Global Strategic Presence

ULearning is headquartered in Beijing and operates R&D centers in Wuhan, Changsha, and Nanjing. We have established global operations including an international headquarter in Singapore, and regional service centers in Kuala Lumpur (Malaysia), Cairo (Egypt), Lusaka (Zambia) and Johannesburg (South Africa). Our five major public cloud sites are established across Asia Pacific, Latin America, Africa, the Middle East, and Europe, serving over 170 countries and regions. Built to serve local needs, the platforms support all educational scenarios.



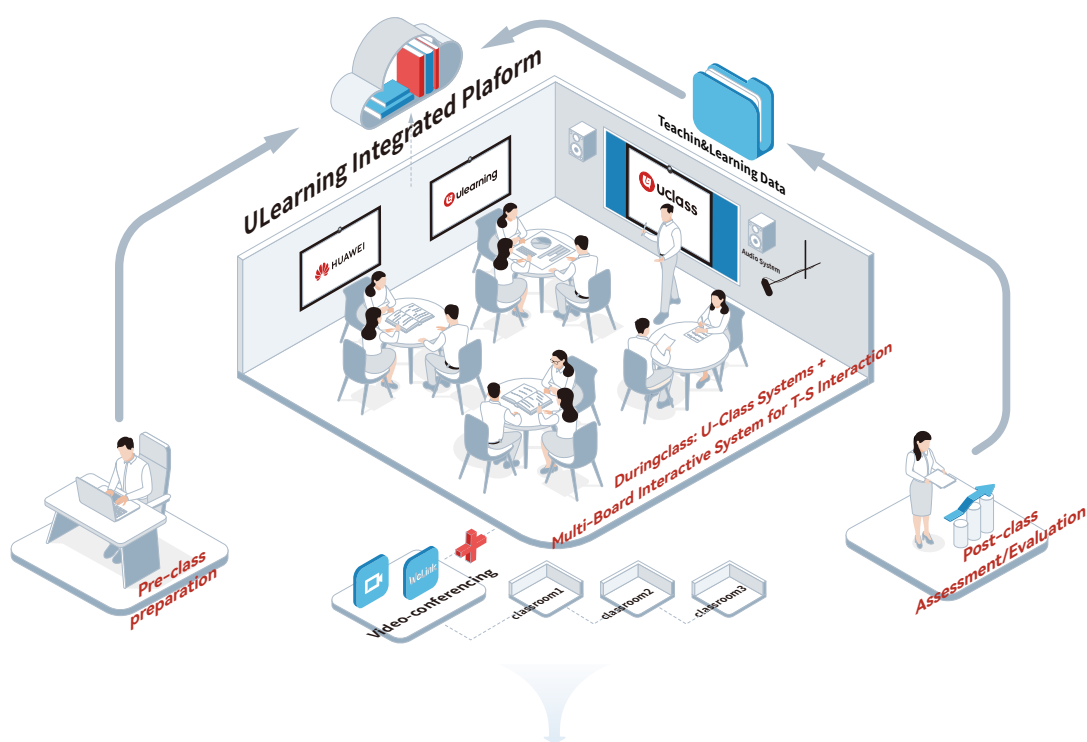
Solution Overview

ULearning delivers cutting-edge AI smart education solutions for the digital and intelligent era, empowering higher education, basic education and TVET institutions worldwide to build next-generation learning spaces (NGLS) and school-based AI teaching and learning agent platforms. By aggregating high-quality resources and accumulating school-based knowledge and data assets, we create customized AI agents tailored to each school's disciplines. This enables an integrated “teacher-student-AI” collaborative learning model that drives innovation across all educational scenarios including teaching, learning, assessment, administration, and research. ULearning fully supports the digital transformation and continuous advancement of education.



Next Generation Learning Space

ULearning AI Smart Classroom Solution leverages cloud-network-edge collaboration with a streamlined technology framework. Powered by full stack, self-developed, and secure digital infrastructure such as Ascend, Kunpeng, and HarmonyOS, it supports large-scale classroom construction or upgrades and is compatible with diverse existing classrooms. By connecting learning spaces, it enables schools to unify and accumulate classroom resources and process data. Additionally, it supports various educational scenarios such as hybrid learning, classroom recording, video on demand (VOD), and AI classroom analysis. By leveraging data-driven analytic and connecting educational resources through a unified network, it helps improve education quality and promote greater educational equity..



Next Generation Learning Space

Recording Classroom



Collaborative Classroom



Recording Classroom (Lecture Hall)



Repurpose existing devices to connect various types of classrooms:

Support integration with various brands of smart classrooms and multimedia classrooms equipped with audio-visual capabilities, as well as installation of exam proctoring camera and surveillance camera.

Application Scenarios

Triadic interaction among teacher, students, and AI

Teacher device/ Group device/ Student device



Team-based Learning Across Systems

HarmonyOS/Android/Windows/IOS



Anytime, Anywhere Learning

Physical classroom/Remote classroom/Individual learner



Recording/Lecture Review

Online supervision and classroom inspection/Lecture review by experts



Intelligent Environmental Control

Teaching and learning devices/Environmental control/External devices



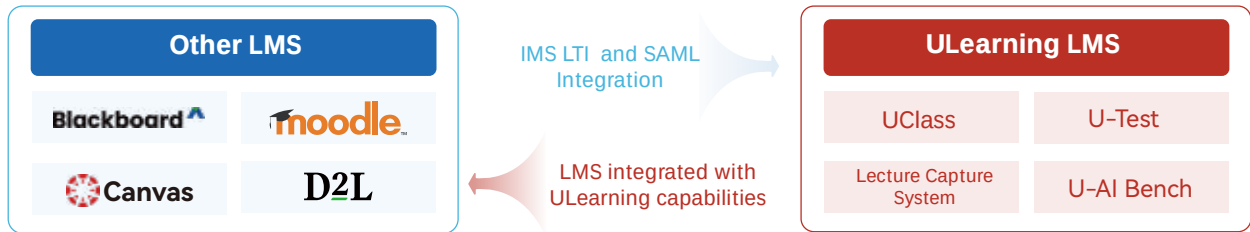
Teaching and Learning Behavior Analysis

Classroom portrait/ Teacher portrait/ Student portrait



Integrated Learning Management Platform- ULMS

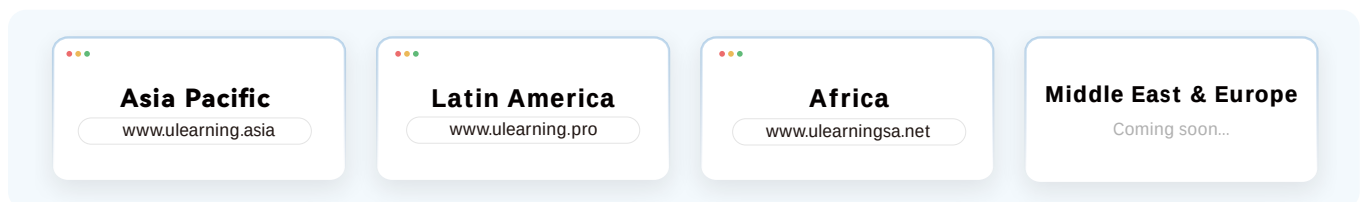
The ULearning Integrated Learning Management Platform (“ULMS”), supports unified identity authentication and seamless integration with third-party systems. It connects teaching and learning applications, content, and data, to create a customizable, unified access portal for teachers, students, and administrators. The built-in teaching and learning applications support the entire learning process, including before, during, and after class, and are accessible across all devices. This unified platform addresses the fragmentation of educational resources and the data silos caused by the disconnected platforms and tools.



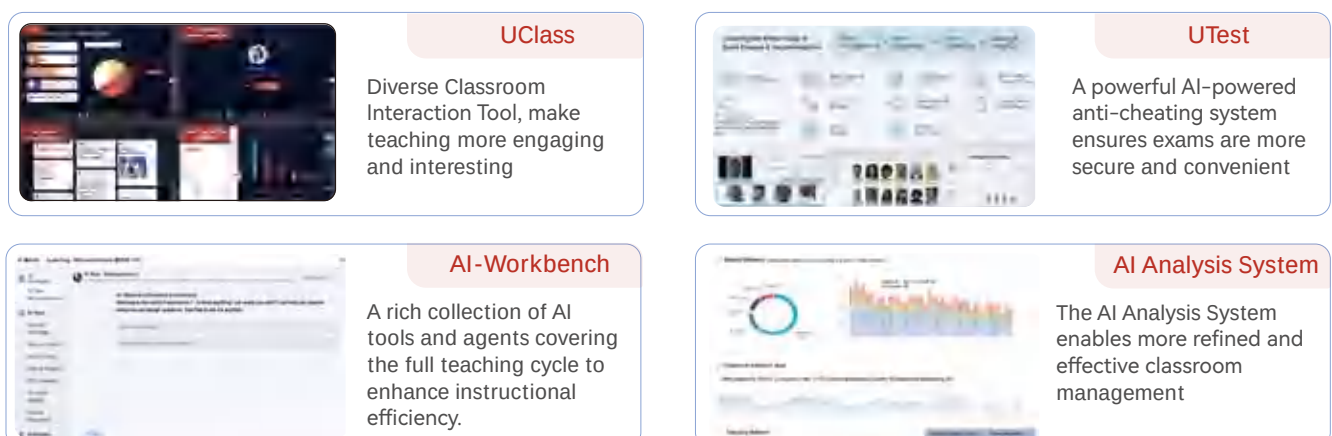
In addition, all teaching and learning applications can be deployed flexibly. ULMS is compatible with existing school LMS for seamless integration, and also allows schools to integrate their current teaching and learning applications into the ULMS. This flexible approach gives schools full autonomy to either adopt highlight features or fully upgrade their learning systems.

»» International Education Platform

Powered by Huawei Cloud, ULearning has established five major public cloud education platforms across Asia Pacific, Latin America, Africa, the Middle East, and Europe, serving over 170 countries and regions. Built to serve local needs, the platforms support all educational scenarios including teaching, learning, management, assessment, and research.



Built-in T&L applications: Built-in basic T&L applications meet course development and T&L needs

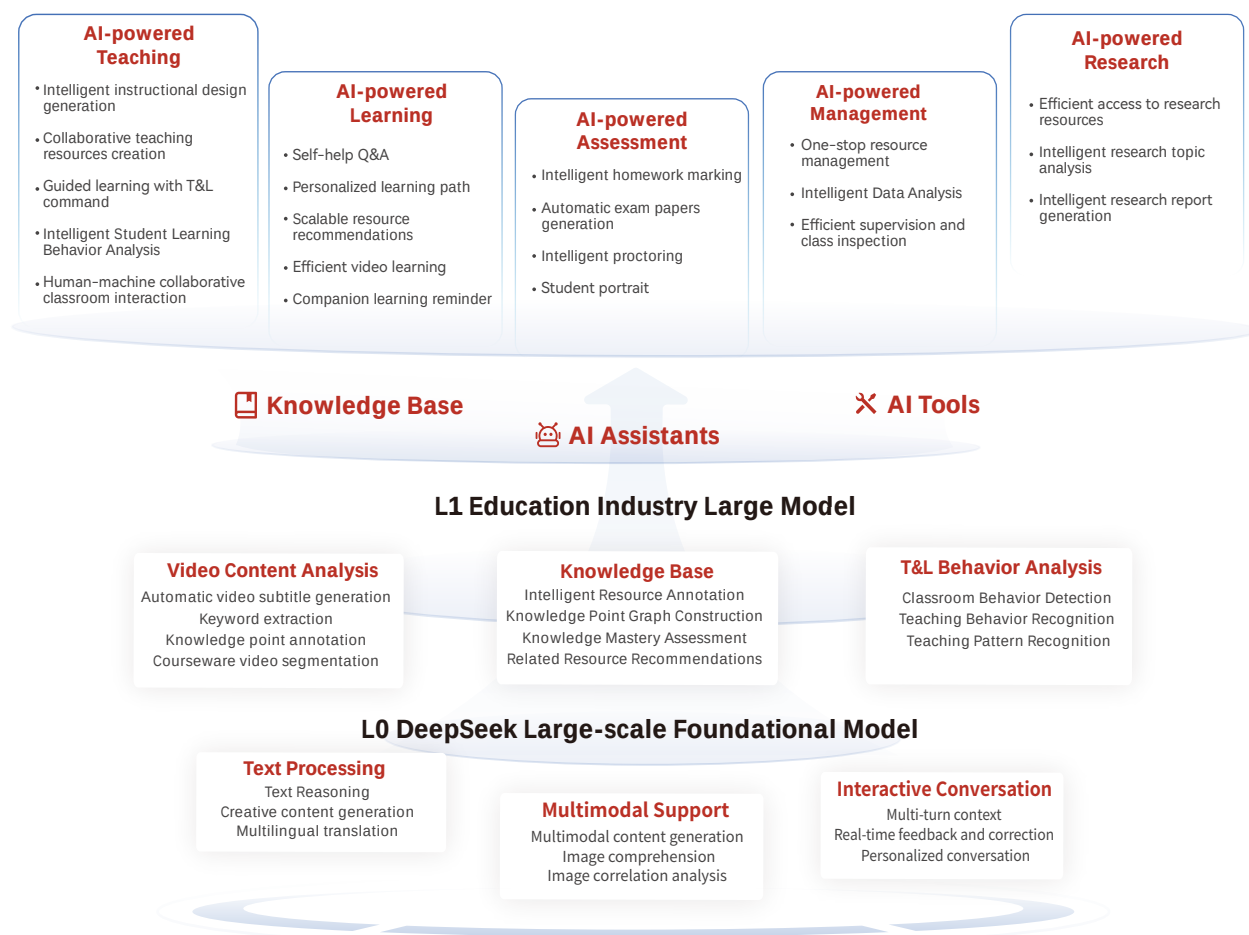


U Learning All-in-One Server for AI Teaching and Learning Agents

U Learning, in collaboration with Huawei, leverages Ascend computing and open-source LLM to aggregate educational resources and private data into a school-based knowledge center, developing a dedicated AI agent platform.

AI agents can be customized by discipline, course, role, or scenario, and shared through the “AI Agent Plaza.”

With open APIs, the platform can be seamlessly integrated with existing systems, supporting teaching, learning, management, assessment, and research across all stages.



More Powerful

Powerful Alliance:
Ascend AI chip + DeepSeek LLM + U Learning

More Secure

Independent & Controllable Root technology
Localized deployment to keep data within the campus

More Precise

Enhance Model Inference Accuracy by Building an Academic Discipline Engine with Industry Knowledge and School-Based Resources

Easier to Use

Customized for educational scenarios, subject-specific fine-tuning
AI Tools, Instantly Usable with Less Effort

Highlights

»» AI Applications in T&L



Course Knowledge Q&A

AI teaching assistant assists in answering questions, one corpus for one course, based on the RAG enhanced model to improve the accuracy of Q&A



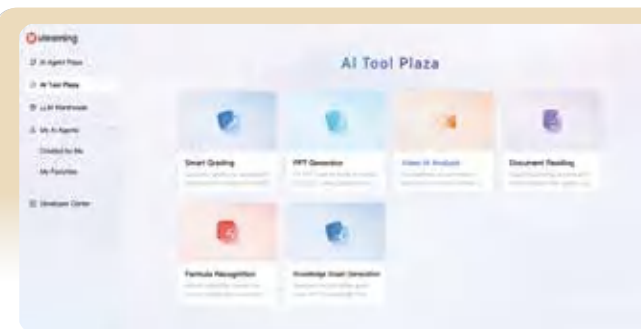
Recommend T&L Resources

Aggregate high-quality teaching resources and provide personalized resource recommendations based on the knowledge graph



Generate T&L Resources

For typical T&L scenarios, common teaching instructions are built-in and teaching materials are automatically generated.

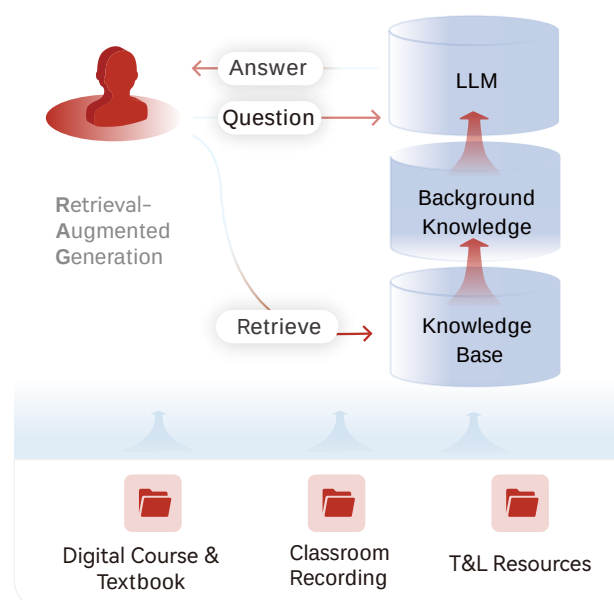


Tools for T&L Assistance

Connect to the smart T&L platform that provides auxiliary efficiency tools to reduce teaching workload & increase learning efficiency

»» Enhanced Retrieval for More Precise Q&A

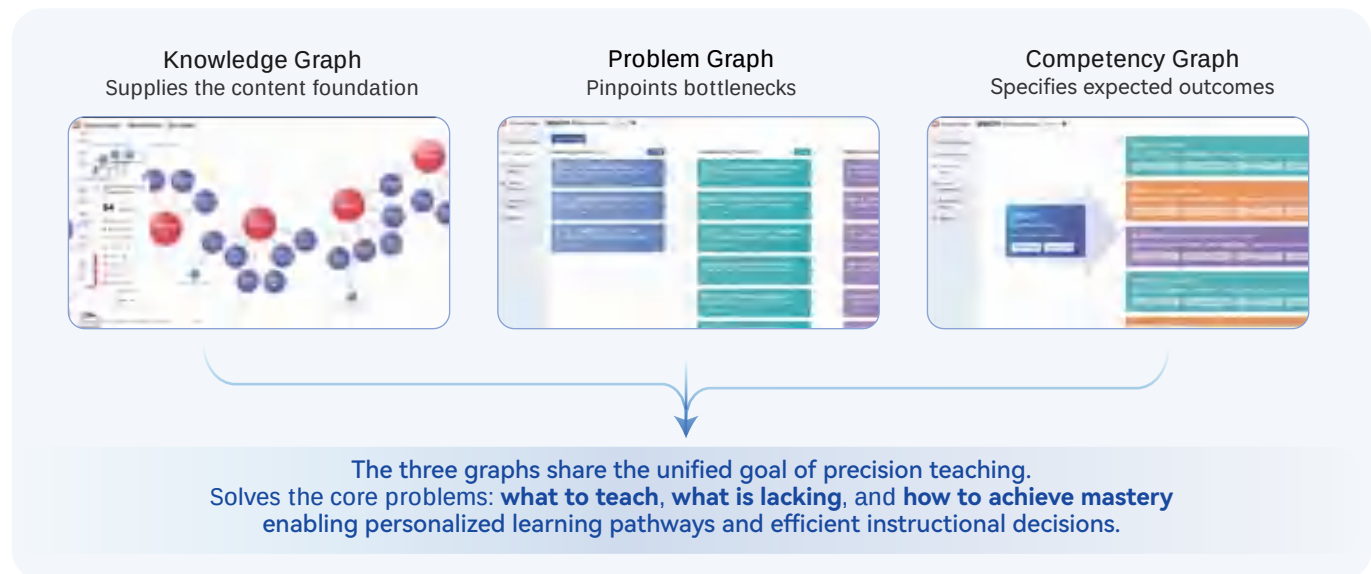
Powered by dynamic course knowledge bases, the platform enables adaptive updates and intelligent optimization. By leveraging retrieval-augmented generation (RAG) technology, it significantly improves the accuracy of AI-generated content and effectively reduce AI hallucinations. At the same time, high-quality Q&A pairs are continuously fed into the knowledge base for optimization, ensuring both reliability and usability in AI interactions for teachers and students.



AI Smart Course Development

»» Build a graph framework for education innovation

ULearning construct knowledge graph, problem graph and competency graph that target knowledge acquisition, problem-solving, skills development, and competency enhancement to restructure knowledge framework and drive innovation in the teaching and learning process.



The graph framework powered by AI technologies enables adaptive learning, significantly improve teaching quality and efficiency. AI interactions combined with intelligent recommendations enable each student to develop a personalized learning path.

At the same time, AI analysis provides teachers with comprehensive insights into students' mastery of key knowledge points, helping them refine instructional strategies and building a next-generation smart course ecosystem.

»» AI Digital Human: Efficiently Develop Resources

Leveraging cutting-edge technologies such as automatic speech recognition (ASR), text-to-speech (TTS), voice cloning, voiceprint recognition, intent detection, and emotion recognition, ULearning enables the creation of lifelike digital humans and customizable virtual avatars. These technologies support the rapid and efficient production of instructional videos, making the development of educational resources faster and easier.



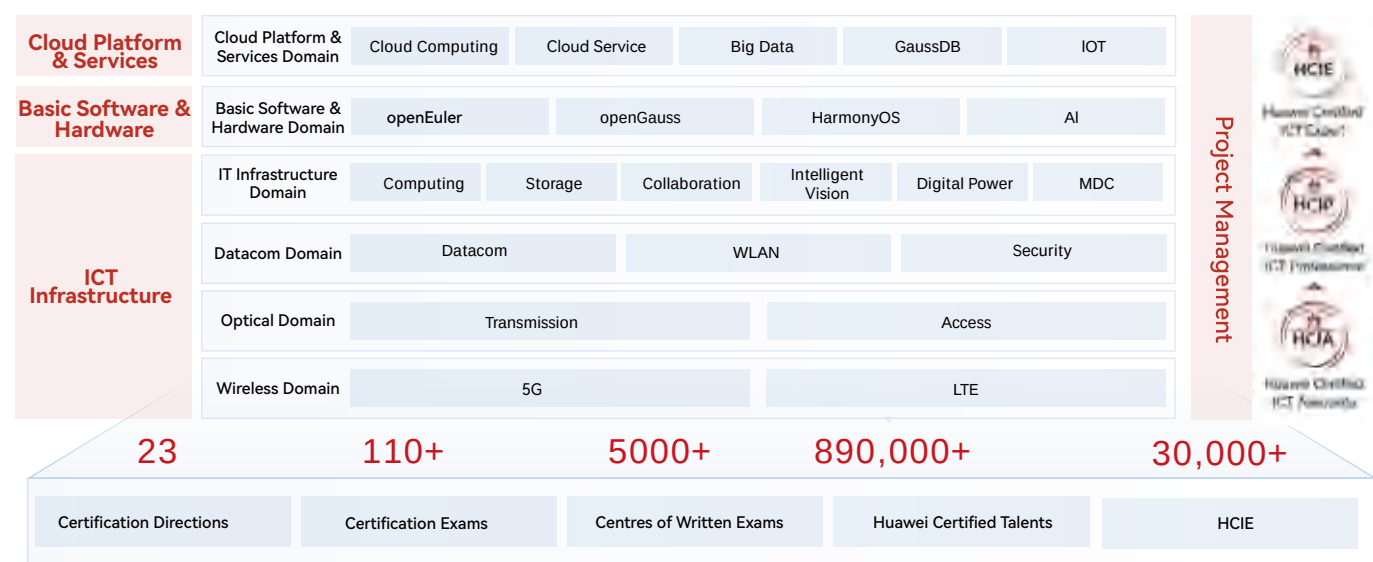
»» International Course Services: Aggregating China's High-Quality Resources
High-Quality Courses for Higher and TVET Education

ULearning platform currently offers over 100 high-quality bilingual courses from more than 30 Chinese undergraduate and vocational institutions. We bridge Chinese education with global higher and TVET education by facilitating the international distribution of high-quality Chinese courses and connecting institutions worldwide with top-tier bilingual resources, ultimately promoting the sharing and exchange of high-quality learning resources across borders.



»» Huawei ICT Talent Development Program

Huawei ICT Talent Development Program for Higher Education meets global industry demands by building a comprehensive ICT talent ecosystem through industry-education integration and university-enterprise collaboration. Leveraging Huawei's leading technologies and experience, ULearning provides end-to-end solutions covering curriculum development, teacher training, and practical training platform deployment. It encompasses cutting-edge technologies including cloud computing, AI, 5G, and IoT. We help institutions enhance teaching quality and research capabilities while supporting regional digital economy growth.



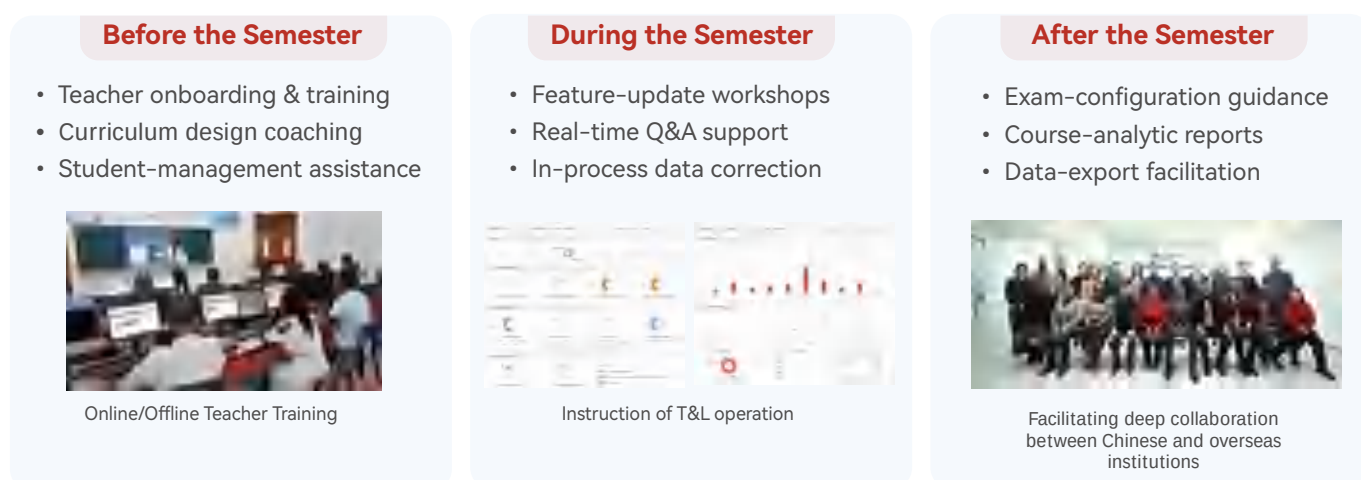
| Full Process Delivery & Operational Support

»» Full Process Delivery

ULearning collaborates with Huawei to build smart classroom solutions that integrate Huawei's ICT ecosystem and hardware infrastructure with our proprietary AI platform, AI teaching and learning agents, and core software. Our solution enables precise design before delivery, efficient integration during delivery, and intelligent operations with continuous optimization, redefining smart education.



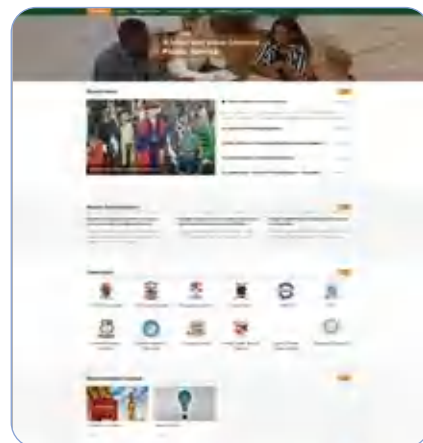
ULearning provides comprehensive teaching and learning operation services to institutions worldwide, supporting all phases of academic term including before, during, and the end of semester. In addition, we address the needs of Chinese and international education institutions for global collaboration and high-quality courses, facilitating in-depth exchanges and partnerships between Chinese and international institutions.



| Success Cases

»» International Case: Ministry of Education

An African Country: National Smart Higher Education Platform- With the vision of building a “Smart Country”, this project leverages Huawei Cloud to construct a smart higher education platform and deliver comprehensive smart education solutions. It aims to equip college students with the skills to quickly adapt to an ever-changing world. The project also supports universities in finding opportunities for growth and development of ICT. In 2022, 11 universities, nearly 80, 000 students, and 4,500 teachers began using ULearning education cloud platform.



»» China's Case: Zhejiang Shuren University



Ulearning has built and repurposed 238 smart classrooms for the university, and constructed an integrated and unified “Shu Zhi Learning platform”, “Miao Miao” school-based AI agent platform. Besides, through 8 core T&L application systems along with 6 core capabilities including Smart lesson preparation, Dynamic Question Generation, Classroom Interaction, Courses Learning Analysis, Source Recommendation, and Digital Human Micro-course, it also provides AI powered application across all educational occasions including “Teaching, Learning, Management, Assessment, Evaluation” for the university.

»» International Enterprise: AVIC Vocational Skills Training

Bridging Chinese Enterprises with Global Vocational Education: AVIC African Vocational Education Smart Platform has been established since 2021 and has developed a hybrid training paradigm that covers Kenya, Ghana, Gabon, Uganda, the Republic of Côte d'Ivoire, Zambia, and many other African countries. By leveraging the tools of virtual+smart classroom, this platform helps to address cross-border training challenges, improving students engagement and creating vibrant classroom.



Innovating Education, Disseminating Culture

Becoming China's most internationally influential EdTech group



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