

Special

[Distance and Remote Learning](https://distance-and-remote-learning-europe.educationtechnologyinsights.com/) (<https://distance-and-remote-learning-europe.educationtechnologyinsights.com/>)

[EdTech](https://edtech-europe.educationtechnologyinsights.com/) (<https://edtech-europe.educationtechnologyinsights.com/>)

[Education Consulting](https://education-consulting-europe.educationtechnologyinsights.com/) (<https://education-consulting-europe.educationtechnologyinsights.com/>)

[Online Tutoring](https://online-tutoring-europe.educationtechnologyinsights.com/) (<https://online-tutoring-europe.educationtechnologyinsights.com/>)

[STEM](https://stem-europe.educationtechnologyinsights.com/) (<https://stem-europe.educationtechnologyinsights.com/>)

☰ MORE

[Home](https://europe.educationtechnologyinsights.com/) (<https://europe.educationtechnologyinsights.com/>) » [AI](https://artificial-intelligence.educationtechnologyinsights.com/) (<https://artificial-intelligence.educationtechnologyinsights.com/>) » Huawei

Huawei Ignites the Spark of Intelligent Education with AI

The development of digital and intelligent technologies enables education to transform continuously. Modern education focuses on fostering creativity and encourages personalized, flexible, adaptable, and proactive learning.

Technology is revolutionizing education, and the goal of intelligent education is to incorporate cutting-edge digital and intelligent technologies, such as AI and foundation models, into all aspects of learning to enhance educational experiences.



[Huawei](https://e.huawei.com/en/ict-insights/global/ict_insights/ict34-intelligent-education) (https://e.huawei.com/en/ict-insights/global/ict_insights/ict34-intelligent-education) **Smart Classroom 3.0 Solution Launch**

At MWC 2024, Huawei unveiled the [Smart Classroom 3.0 solution](https://e.huawei.com/en/industries/education/smart-classroom) (<https://e.huawei.com/en/industries/education/smart-classroom>), which features enhanced AI teaching analysis capabilities. This solution aims to create an intelligent and interactive teaching environment, innovative teaching methods, and provide a fresh impetus to the intelligent upgrade of education.

AI and foundation model: keeping pace with the AIGC era

Intelligent technologies are giving rise to a multitude of innovative models that are incorporated into the intelligent transformation of education. With the help of advanced technologies like AI, big data analysis, and

Services and data are scattered, making it difficult to conduct complete education evaluations and make scientific decisions. New technologies are not being utilized to reconstruct teaching modes. Huawei's Smart Classroom 3.0 solution addresses these pain points and drives the development of intelligent education.

The Huawei Smart Classroom 3.0 solution offers educational users an all-in-one smart classroom system. It includes teaching interaction, distance learning, teaching supervision, and teaching management. With a regular physical/virtual hybrid space, flexible and elastic smart teaching environment, and precise and efficient personalized teaching services, intelligent teaching is implemented throughout the entire process before, during, and after classes.

In fact, Huawei's focus on AI and foundation model for technology enablement is driven by changes in times, technologies, and user groups.

Gen Z refers to individuals born between 1997 and 2012 considered the first generation born into the Internet era. Currently, many Gen Zs are finishing their studies on university campuses.

How can we engage these Internet natives in learning and integrate traditional education with intelligent technology? Ningxia University's future-oriented classrooms have given us an example. Through the One-stop service platform, teachers and students can share and interact with each other. Digital displays allow for the presentation of movies, pictures, and historical materials. Additionally, students can access the teaching cloud platform for self-learning and self-testing.

understanding of their students' learning needs and abilities. This allows them to create personalized learning plans and provide more suitable learning resources. Intelligent technologies have made teaching more enjoyable, diversified the teaching content, and created a more interactive learning experience, resulting in significant improvements in teaching scenarios.

From the perspective of schools, smart classrooms can serve as a platform to implement intelligent teaching transformation and achieve high-quality teaching development.

Take the classroom scenario as an example. Traditional classrooms offer limited resources and learning opportunities. However, by using intelligent technologies to combine physical and digital spaces, as well as local and remote spaces, we can create a more natural interaction between people and the learning environment. This allows students to better perceive and experience classroom content.

The smart classroom solution jointly developed by Huawei and partners has advanced from digital teaching and hybrid learning to the Smart Classroom 3.0 stage. It utilizes AI and cloud computing technologies to create a smart teaching system that enables flexible and personalized teaching, as well as precise and efficient teaching management. This facilitates intelligent teaching. Using the AI education model, important course content can be analyzed and retrieved intelligently, and a knowledge graph can be generated. This enables teachers to prepare courses flexibly and students to learn effectively. The intelligent analysis of teaching activities and classroom conditions supports comprehensive teaching analysis and evaluation, making education management more efficient and scientific. HUAWEI IdeaHub acts as the teaching portal in the classroom, providing students with access to a wealth of online digital resources. This facilitates inquiry-based and interactive teaching that combines online and offline elements and is centered around the student.

The most significant innovation of Huawei's Smart Classroom 3.0 solution is the use of AI and foundation models. This showcases how Huawei's [intelligent education](https://e.huawei.com/en/industries/education) (<https://e.huawei.com/en/industries/education>) keeps up with the times in the AIGC era.

Using solutions to drive the development of intelligent education

By focusing on the smart classroom scenario, Huawei aims to ultimately empower intelligent education as a whole.

“The most significant innovation of Huawei's Smart Classroom 3.0 solution is the use of AI and foundation models.”

Ningxia University has implemented Huawei's smart classroom solution to create 300 future-oriented classrooms, making it the largest project of its kind in the world. This solution facilitates digital, interactive, collaborative, and intelligent teaching. Huawei utilizes innovative ICTs to assist Ningxia University in adapting to new trends in education, innovating teaching models, and achieving intelligent teaching.

Similarly, Mustaqbal University, the most renowned private university in Saudi Arabia, aims to enhance the teaching experience through the implementation of smart classrooms. To facilitate hybrid learning that seamlessly integrates on-site and remote scenarios, Mustaqbal University has opted for Huawei's smart classroom solution, which eliminates physical barriers.

Comprehensive technical capabilities, igniting the spark of intelligent education

To promote the advancements and changes in intelligent education, we must not only synchronize technologies, scenarios, and needs, but also establish a comprehensive technical capability system. Furthermore, we must comprehend the diverse demands of users in the education sector. What makes Huawei capable of doing it?

First, Huawei has a wide range of capabilities, including an intelligent education solution that offers a diverse range of features. Along with smart classrooms for upgrading to a digital and intelligent campus, Huawei also provides a complete ICT infrastructure solution for campus management, teaching, and services. Additionally, it offers high-performance computing and network solutions for scientific research. Huawei also has a digital training platform that helps to systematically cultivate ICT talent.

Second, Huawei has extensive industry experience. So far, Huawei's education solutions have been utilized by over 5000 education ministries, education management organizations at all levels, universities, and research institutes in more than 120 countries and regions. Huawei has collaborated with over 2700 universities globally to establish Huawei ICT Academies, which have trained over 200,000 students.

numerous challenges in their digital and intelligent transformation. The absence of a foundation for education scenarios makes integrating digital and intelligent technologies into education effectively difficult.

teaching scenarios is crucial for implementing intelligent education. This allows for gaining insight into students' needs, collecting teachers' feedback, and enhancing the school's public image. By utilizing technological innovations such as AI and foundation models to enable teaching scenario transformation, Huawei has sparked the intelligent education revolution.

Share this Article: [Post](#) [Share](#) [Share](#)



(<https://artificial-intelligence.educationtechnologyinsights.com/vendors/top-artificial-intelligence-solution-companies.html>)



(https://www.educationtechnologyinsights.com/magazines/June2021/Artificial_Intelligence/)

