

IDC Government Insights: Worldwide Education Digital Strategies

Market forces and worldwide events are accelerating the need for digital transformation in K–12 and higher education and in public and private education, in all regions of the world, both inside and outside of the classroom, and for traditional and nontraditional students. In higher education, disparities in educational outcomes and the rising costs of higher education are forcing educators to rethink how they meet their institutional missions and the possibilities offered by new technologies. *IDC Government Insights: Worldwide Education Digital Strategies* analyzes key education IT and digital transformation trends focusing on outcomes-based reforms, learning and pedagogical innovations, efficient student administration competencies, and forward-looking future campus operations management. Published research tracks the current and future trends of IT acquisition, digital transformation implementations, and technological innovation in educational institutions. *IDC Government Insights: Worldwide Education Digital Strategies* research analyzes the role of ICT in K–12 and higher education across technologies, learning modes, and geography, identifying emerging solutions and developing concepts including best practice case studies and objective third-party assessments of solution providers.

Approach

The *IDC Government Insights: Worldwide Education Digital Strategies* research advisory service analyzes the latest technological developments in education including K–12, higher education, lifelong learning programs, and the edtech market. This service develops unique and comprehensive analyses of data focused on providing actionable recommendations. Relevant market data is collected through IDC Government Insights' proprietary research projects, spending forecasts, focused surveys, and ongoing communications with industry experts, education industry stakeholders, and technology vendors and is complemented by secondary research from conferences, publications, and third-party news sources. To ensure relevance, our analysts work with subscribers to identify and prioritize specific topics to be covered in research documents.

Topics Addressed

Throughout the year, this service will address the following topics:

- How technology is being used to improve the student experience and enhance education outcomes
 - How technology is being used to address inefficiencies in institutional operations and augment or automate faculty and staff workloads
 - Emerging technologies that are transforming education including cloud, machine learning and artificial intelligence, data analytics, AR/VR, and 5G connectivity
 - Government initiatives and regulations impacting the education sector
 - Hardware, software, and IT services use in the education sector
 - The response of education leaders to major trends including student well-being challenges, faculty and staff shortages, privacy legislation, the rise of MOOCs, and evolving cybersecurity threats
 - Best practices and lessons learned from digital education implementations around the world
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Key Questions Answered

1. What are the top technology trends and emerging solutions that are transforming K–12 and higher education? What is driving digital transformation in education?
 2. How are new technologies changing the ways teachers teach, the way students learn, and how institutions operate? How is this impacting the faculty, staff, and student experience?
 3. In the face of this change, what are the key opportunities and challenges for education institutions?
 4. What emerging technologies (cloud, IoT, AI/ analytics, etc.) are education providers prioritizing as their goals and aspirations evolve?
 5. Who are the leading innovators or solutions providers in edtech?
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Who Should Subscribe

IDC Government Insights: Worldwide Education Digital Strategies is ideally suited for vendors offering IT products to the global K–12 and higher education market including marketing and sales departments and product, solutions, and services leaders. Research is also created specifically for technology buyers in educational institutions looking to understand best practices from peers and obtain actionable advice on how to approach the adoption of emerging technologies. Technology buyers include CIOs and IT leaders and department heads or faculty and staff with influence in the technology decision-making cycle.