

Out with the 'old school' in with the new



Digital transformation empowers student success

Technology is changing how teachers teach and students learn. Digital transformation opens a world of possibilities to empower student success.

What is digital transformation – why do we need to do it?

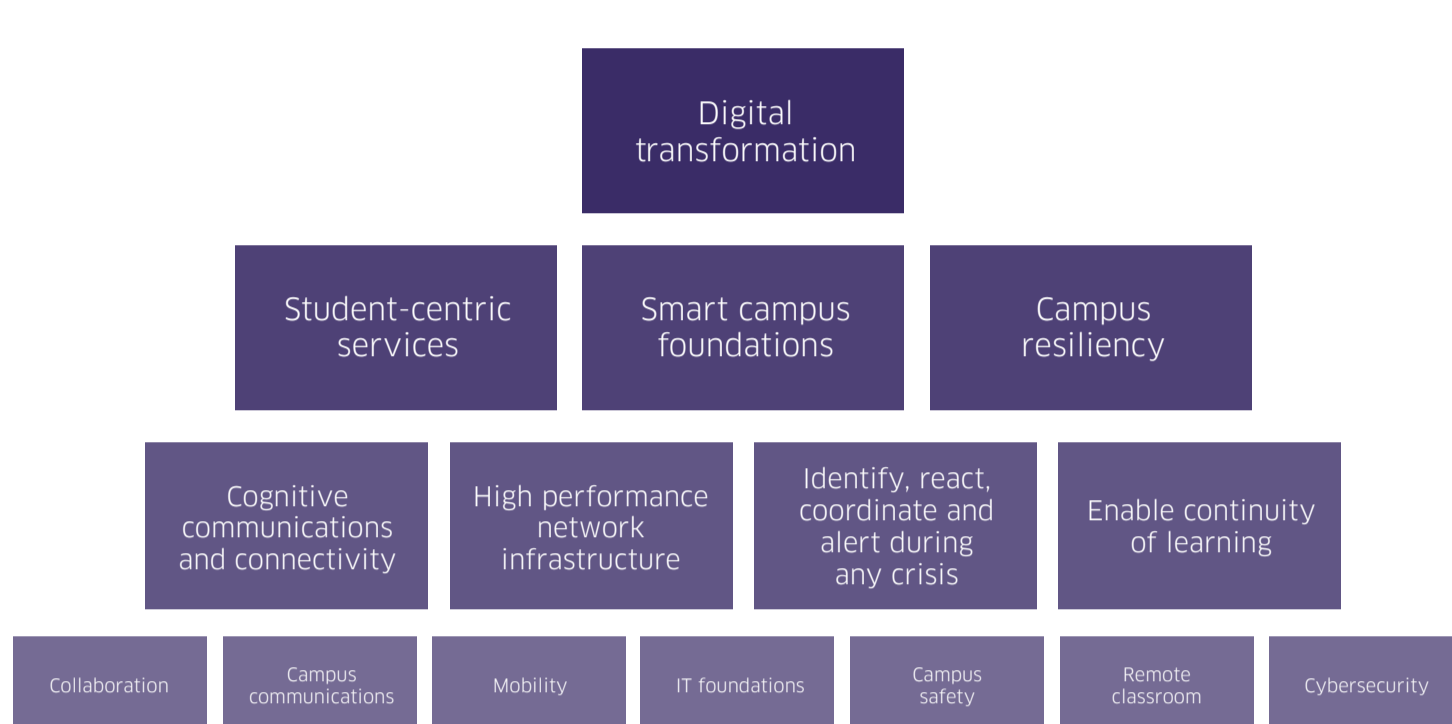
Digital transformation is an ecosystem of technology, services, and security enabling collaborative, interactive, and personalized learning experiences.

86%

According to 86% of educators, technology is a necessary part of everyday life, and this should be reflected in lessons

79%

of educators agree technology helps them do a better job



What's actually driving digital transformation?

The move to remote teaching and learning has been a major catalyst in the need for digital transformation. The reality is that many of the drivers have been long coming.

Empowering student success

- [Boosting engagement \(39%\) is the second highest priority for all educators](#)
- [Some of the things students think are important for their success:](#)
 1. Ability to share documents with classmates
 2. Take tests or classes from anywhere
 3. Use mobile devices and computers for academic tasks
 4. Access recorded content 24x7x365
 5. Connect with instructor for tutoring
 6. Learn in a safe, clean environment

+130%

A surge in technology adoption is helping facilitate remote teaching and learning. Downloads of education apps rose by 130% in the U.S., considerably above the worldwide average of 90%

In a survey of 1,400 educators, the majority say they believe that classrooms of the future will be centered on self-paced and personalized learning

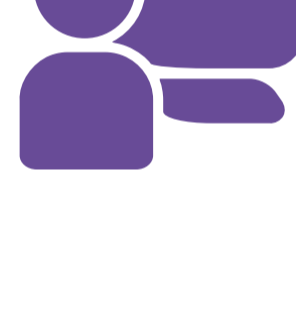
92%

of students find nudge technology moderately to extremely useful



31%

of students prefer online courses



Security

48%

The focus on maximising online safety has increased with 48% of schools prioritizing online safety



Artificial intelligence

\$6 billion

The nascent market for AI in education is expected to reach \$6 billion by the year 2025



Tackling the challenges

[Top 5 issues challenging digital transformation and the student experience](#)

1. Wi-Fi outages
2. Limited bandwidth
3. Computer and/or device failure, limitations, and access
4. Lack of access to specialized software
5. Login, password, and timeout issues

36%



of students struggle to find an internet connection – always, very often, or sometimes – to meet academic needs

72%



of students try to resolve device problems themselves when issues do occur, rather than engage the school's IT/tech support units

So, what does a digitally transformed future look like?

At first glance it might not look physically different, however, at the technology level, student-centric services, ubiquitous connectivity, and a resilient network infrastructure will open a world of possibilities.

In the future, traditional teaching and technology will be seamlessly combined, according to 9 out of 10 educators

96%



of respondents said that access to Wi-Fi was the #1 technology feature considered important for studying

25%

believe that tech and teaching seamlessly combined will positively impact students' education

46%

say front-of-class tech is the future

4 steps to your digitally transformed future

1. **Connect everything to support tomorrow's digital world**
Create strong strategic partnerships and build an ecosystem that connects your people, processes and things to build a high-capacity, secure, smart communications network.
2. **Deploy analytics to automate, understand and save money**
Use real-life, real-time data to drive strategic initiatives that improve performance, roll out upgrades and make infrastructure decisions.
3. **Roll out new business models**
"Freemium" software and on-demand services are budget-friendly, flexible, and simple to manage.
4. **Move towards a single, simple platform**
Whether it is on premises or in the cloud, digital transformation should provide a single platform foundation.

The bottom line

Digital transformation opens a new world to teaching and learning to empower student success. Digital tools and student-centric services enable new levels of collaboration and innovation and unlimited learning opportunities.

Learn more about Alcatel-Lucent Enterprise education solutions to empower student success.

al-enterprise.com