

# Bringing the digital classroom to life

**High quality virtual teaching with Citrix Workspace, Microsoft 365 and Microsoft Azure**

Universities and colleges must adapt to the demands of modern students. Higher education institutions harnessing Citrix Workspace and Microsoft 365 running in Azure, offer high quality learning on or off campus, ready for any future scenario.

**Barriers to digital transformation in higher education:**

**50%**  
Say legacy infrastructure<sup>2</sup>

**48%**  
Cite limited budgets<sup>2</sup>

**43%**  
Mention security and data as a concern<sup>2</sup>



**Studying remotely shouldn't mean sacrificing experience**



80% of students at UK universities manage their learning through their own devices and apps.



79% of university staff do the same.



60% of universities say they have a bring your own device (BYOD) strategy for staff and students.



21% say they are developing a BYOD strategy.

Universities are already responding to the changing needs of students and staff so course material can be accessible anywhere.<sup>5</sup> Let's look at how the right remote learning solution can help universities and students in the areas of continuity, security, accessibility, and sustainability.

## Continuity

Switching to the powerful combination of Citrix Workspace and Microsoft 365 running in Azure, you have access to services that transform how higher education institutions deliver high quality teaching to students quickly and securely.



**15,000**

Students and staff at the **University of Northampton** accessing essential teaching services using their own device via **virtual desktops**, whether that's on a physical desktop, laptop, tablet or any other device.<sup>3</sup>

**7 days**

How long it took the **University of Sydney** to switch 80,000 students to **Citrix Cloud** in response to a series of disasters from brush fires to Covid-19.<sup>4</sup>

**100+**

The number of course-specific and SaaS apps that students at the **University of Sydney** can access, regardless of device or location, bringing everything from lectures to labs virtually.<sup>4</sup>



**6x faster**

It can take 120 seconds to load a statistical program on a physical desktop or laptop or 20 seconds using Citrix Workspace.



## Security

Higher education institutions must keep their teaching secure to prevent intellectual property escaping, maintaining value for students.

Transitioning to Citrix Workspace and Microsoft 365 means Windows Virtual Desktops, safely running in Azure, are delivered securely by Citrix. Moving services to the cloud also reduces on-campus costs and extends the life of devices.

**200+**

**Policy options** available for Citrix Workspace and Microsoft 365 to protect and safeguard you and your students' data.<sup>6</sup>

**27%**

Increase in **DDoS attacks** against UK colleges in the first quarter of 2020, a 27% increase on 2019.<sup>2</sup>



## Accessibility

Combining Citrix, Microsoft 365 and Teams makes computing more accessible and secure. Students can work anywhere that's convenient for them, and on their choice of device. Particularly useful if working on campus is impossible.

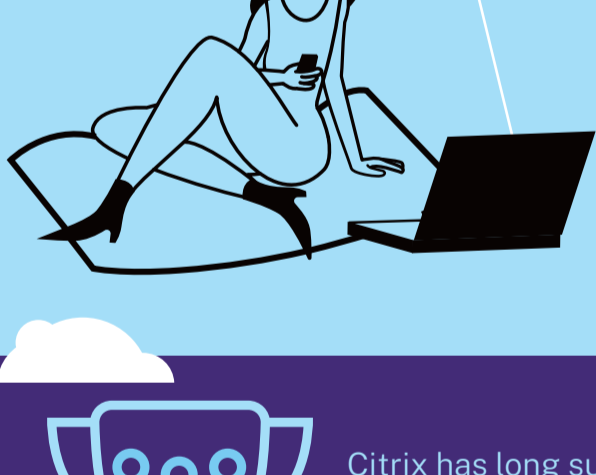


**75 million<sup>7</sup>**

**Daily active Microsoft Teams users.** Using Teams and Citrix is the perfect combination, Citrix HDX optimization for Microsoft Teams delivers **high quality** audio and video even over **low bandwidth, high latency** connections.

**Accessibility is built into Microsoft 365 and Windows 10.** Teams includes free eye tracking and live captions for the hard of hearing. PowerPoint offers live translations and subtitles.<sup>8</sup>

**Accessibility standards**  
Citrix is committed to making technology accessible to everyone. We design and engineer products that support our customers' need for improved usability and accessibility. This includes supporting accessibility standards, including **Section 508** compliance and **WCAG 2.0.**



Citrix has long supported projects through its innovation awards, giving **Indiana University** the prize in 2019 for its ongoing project to make the University accessible for the visually impaired using **Citrix Virtual Desktops.**<sup>9</sup>



## Sustainability

Following a green agenda can help support student satisfaction. Citrix and Microsoft make remote working simple for every higher education institution. Students have 24/7 access to a virtual workspace, so they can choose their own green and energy efficient devices. This also reduces the need to travel to campus.

**100% Renewable**

Moving to Citrix and Microsoft Azure will help your institution meet its **sustainability goals**, with Microsoft's Azure datacentres powered by 100% renewable energy by 2025.<sup>10</sup>

**1 in 20**

Greenhouse gases come from commuting.<sup>14</sup> Increased accessibility means staff and students can work remotely. Doing this just two days per week could **reduce emissions** by as much as 40%.<sup>2</sup>

**90%**

**Energy reduction** possible by moving to Citrix Workspace.<sup>15</sup> This also reduces the need for staff to travel, further reducing your overall carbon footprint.<sup>11</sup>



**Being sustainable can help you attract students and stay competitive**

**91%**  
of students are "fairly or very concerned" about the climate.<sup>12</sup>

**80%**  
of students want their more on sustainable development.<sup>13</sup>

**83%**  
of students took action to address environmental concerns in 2018.<sup>13</sup>

**Learn more about how Citrix and Microsoft can transform university and higher education experiences in our webinar.**

[CLICK HERE TO WATCH](#)

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- Citrix.com, Education Solutions – University of Sydney.
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- 2018, J. Sutton-Parker MBA Sustainability, 'Can accurately measuring and abating UK IT emissions within the UK service sector assist the UK Government to meet GHG reduction targets to 2052?'
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