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# Your Campus Network, Uninterrupted

Solution Brief



## Introduction

The landscape of higher education is rapidly transforming with digital advancements, as universities and colleges eagerly adopt various technologies to enhance learning and research. In this digital era, colleges and universities are not just teaching hubs but also research centers, relying on seamless and reliable campus connectivity for everything from virtual classrooms to complex data analysis.

However, the transition to a digital campus is challenged by aging infrastructure, scarce IT resources, and budget limitations - where delivering an uninterrupted wired and wireless experience can at times be a daunting task.

Managing and troubleshooting legacy networks can also be a drain on IT resources that could be better spent on strategic initiatives aligned with the academic mission. Product centric legacy infrastructure solutions require extensive manual configurations and reactive issue resolution.

Even procuring, deploying, and managing legacy networks can be a time-consuming and resource-intensive process: it often involves significant capital outlays, long lead times, complex integrations, and reliance on limited technical resources.

***Enter Nile.***

## Nile for Higher Education

With Nile, higher education institutions not only consume their entire wired and wireless access network with a performance guarantee for coverage, capacity and availability but also free up capital and resources, ensuring superior total cost of ownership.

To meet the demands of modern education, institutions need resilient wired and wireless networks that provide extensive coverage, high speed, and unwavering reliability. Nile converges campus network into a next-generation architecture that integrates traditional local area network (LAN) technology stack and day -1 to day N lifecycle services into a single solution.

This unique solution, named Nile Access Service, delivers industry's first performance guarantee on a per building basis. Nile Access Service enables flexible per user or per square footage consumption, eliminating the need for any upfront capital investment.

## Ensuring Always-On Connectivity

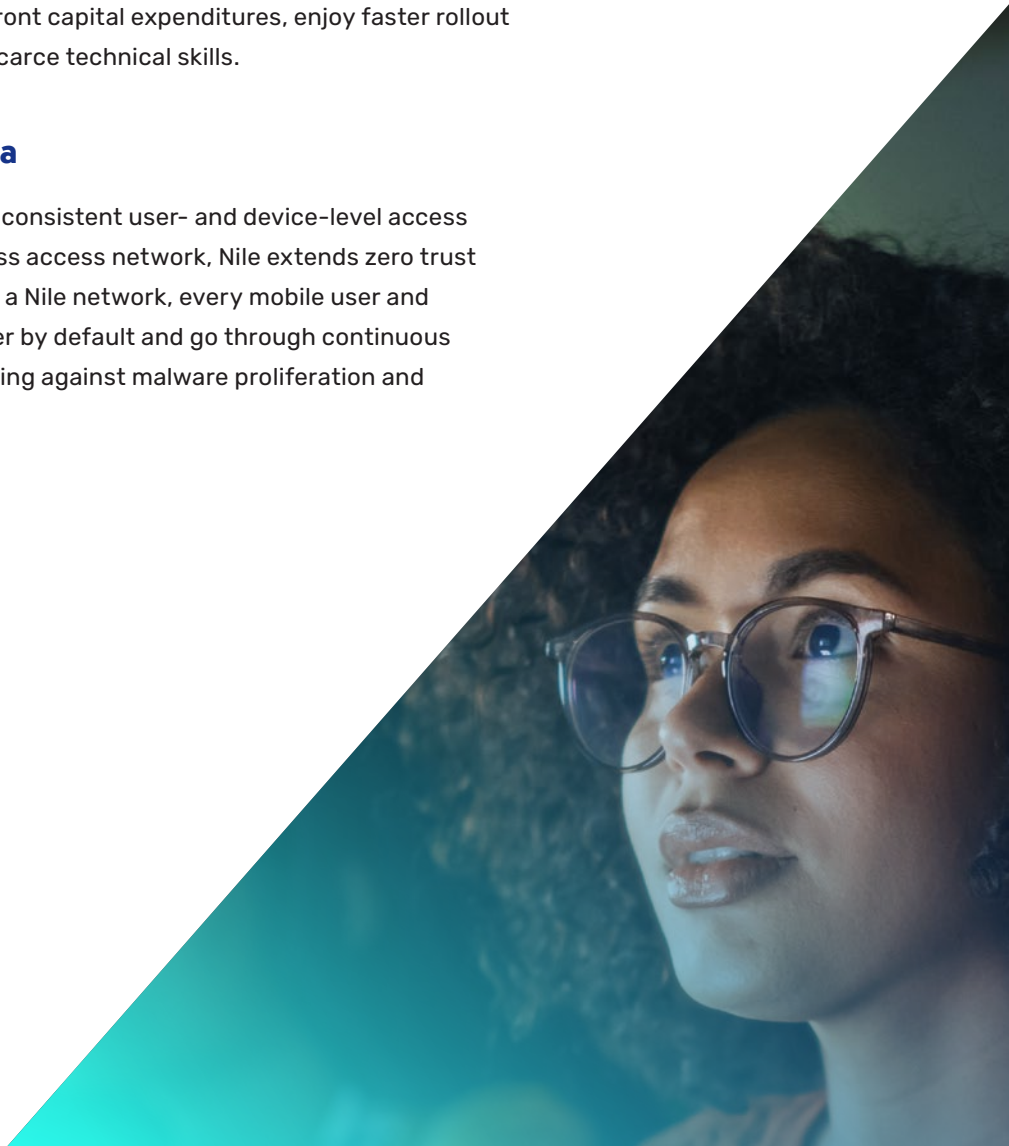
Network outages can have a severe impact on learning, research productivity, and campus life. Leveraging continuous automation, Nile proactively identifies and resolves issues, ensuring uninterrupted connectivity. Nile transforms this dynamic by automating system care and maintenance across its network elements. With proactive software upgrades and automatic replacement shipments, Nile enables IT teams across higher education to focus on strategic projects, enhancing the educational and research capabilities of their institutions.

## Achieving Operational Efficiencies

In a Nile network, more than 10+ traditionally separately provisioned hardware, software and services are orchestrated with cloud-native automation, significantly reducing operational burden and overhead for IT teams. With Nile, institutions can say goodbye to upfront capital expenditures, enjoy faster rollout times, and reduce dependence on scarce technical skills.

## Safeguarding Users and Data

To accelerate how IT teams enforce consistent user- and device-level access policies across the wired and wireless access network, Nile extends zero trust networking principles to the LAN. In a Nile network, every mobile user and IoT device is isolated from each other by default and go through continuous authorization, effectively safeguarding against malware proliferation and ensuring data privacy.



# Conclusion

Nile is the next-gen wired and wireless LAN solution for higher education institutions seeking to deliver uninterrupted connectivity that enhances learning, research, and campus experiences. Visit us at [nilesecu.re/highered](https://nilesecu.re/highered) to unlock the full potential of your institution - without the traditional constraints of legacy network infrastructures.

nile

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