



WIRELESS DIGITAL LEARNING

ProCloud.EDU | CLOUD-MANAGED SERVICES

The jump to wireless technology can **fundamentally transform schools and their digital learning programs**. It offers the opportunity to modernize classroom environments, improve student achievement, empower teachers and maximize course curriculum,

The question is how to go from the dream of digital learning to the realization of this transformation at your school? How do schools plan, design, implement and then provide the ongoing support and structure so that the technology investment is maximized and the school achieves this new level of student enrichment?

The Solution—ProCloud.EDU

ProCloud.EDU is a complete Wireless Digital Learning (WDL) suite that unlocks the power of technology in the classroom. ProCloud.EDU offers everything an educational institution needs to transform their schools into a modern, technology-empowered learning environment, tailored to meet the needs of students, teachers and IT administrators alike. ProCloud.EDU is a comprehensive lifecycle solution for education, where schools can pick and choose the services they need to customize their technology experience. The ProCloud.EDU Services Suite offers:

- **Cloud-managed Wired and Wireless Network:** Secure, cloud-managed network infrastructure that enables a mobile learning environment
- **Cloud-based Content Filtering:** Cloud-based network security and content filtering help schools achieve CIPA compliance and ensures a protected wireless learning experience
- **Mobile Classroom Management:** Empowering teachers to facilitate learning through wireless technology
- **Network Planning, Design and Implementation:** Comprehensive network planning, bandwidth capacity planning, and implementation services
- **Help Desk:** 7x24 Wi-Fi Help Desk to resolve user connectivity issues

ADTRAN is the ideal solution partner to offer complete lifecycle services to help you advance learning through next-generation networking while keeping spending in check.

Advantages of ProCloud.EDU

- Complete Wireless Digital Learning (WDL) suite
- CIPA compliant
- E-rate eligible
- Deliver lessons, work collaboratively and monitor student online activity
- Increase instructor-to-student classroom interaction
- Upgrade to ProCloud Plus and augment staff, helping them do more with less

WIRELESS DIGITAL LEARNING

Resilient Wireless and Wired Infrastructure

ADTRAN's ProCloud.EDU starts with ProCloud, a cloud-managed service for Wi-Fi and Ethernet switching that delivers a robust, high performance, highly-available wired and wireless network. ProCloud is available for Bluesocket Access Points for the wireless network and NetVanta Ethernet Switches for the wired network. With ProCloud, your network is monitored via the cloud, therefore allowing you to manage your network anytime, from any device, assuring your network is running at optimal capacity.

- **Ubiquitous wireless access:** Improve the learning environment by supporting anytime, anywhere, any device connectivity in the classroom. Optimize coverage in high-traffic areas and outdoor venues, and even support guests, vendors, or contractors with built-in guest access.
- **Enhanced network bandwidth:** Business-class Gigabit, Fiber and stackable Ethernet switches to support applications such as school-wide Wi-Fi, video streaming, online testing, IP surveillance, digital signage and VoIP.
- **Cloud-based administration:** Gain greater insight into the entire network, wired and wireless. Customized dashboards provide dynamic reporting, as well as real-time and historical information to help IT identify trends and make informed networking decisions. Also, perform centralized configuration updates and bulk firmware upgrades.
- **Best in industry services:** Configuration back-ups, priority technical support, guaranteed advance hardware replacement options and even onsite support options, are all available.

Cloud-based Network Security

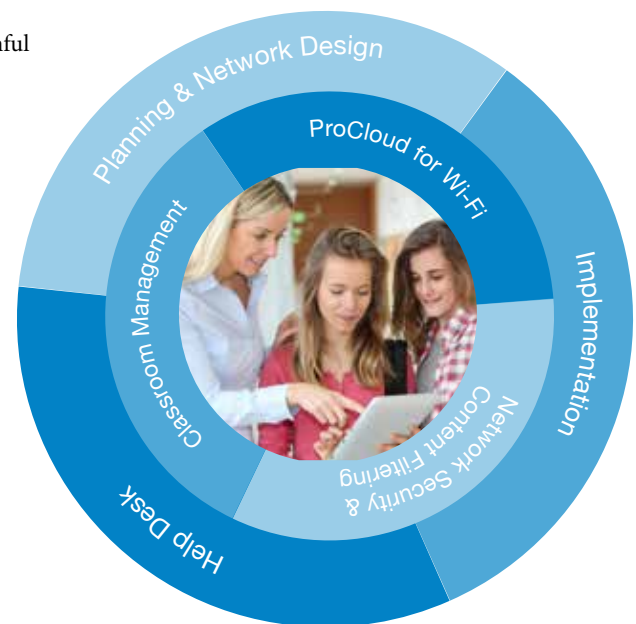
ProCloud.EDU includes a cloud-based network security service that delivers automated protection against advanced attacks for any device, anywhere. Our network security solution is the smartest way to meet Children's Internet Protection Act (CIPA) compliance by protecting students and teachers, and their devices for BYOD and 1:1 initiatives.

- **Threat protection like no other:** Allows web filtering and uniquely protects all Internet-connected devices by blocking malware, botnets and phishing over any port, protocol or application, and also detects and contains advanced attacks before they can cause damage.
- **Predictive Intelligence:** Our Security Graph engine uses big-data analytics and machine learning for predictive intelligence, to automate protection against both known and emergent threats.
- **Worldwide coverage in minutes:** Protects devices anywhere and stays up-to-date without admin intervention because there is no hardware to install or software to maintain.
- **Ensure CIPA compliance to gain access to E-rate program discounts:** Ensures compliance with regulations (CIPA) to protect students from harmful online content and meet E-rate funding requirements.

Planning and Implementation

Whether it's a new school or network expansion across the entire school district, ProCloud.EDU offers complete planning, network design and implementation services. ProCloud.EDU is a part of ADTRAN's comprehensive ProServices portfolio.

- **Capacity Planning:** Free network design assistance that delivers estimates for Wi-Fi access points and switches, power requirements and Internet bandwidth. Ensures the budget is spent on what the school actually needs, while keeping long term growth and scale in mind.
- **Site Surveys:** Remote predictive design and onsite site surveys to optimize Wi-Fi coverage and performance in the classroom and across the school.
- **Implementation:** From remote implementations to complete turn-key onsite implementation, ADTRAN tailors the services to individual school needs.





Classroom Management

ProCloud.EDU's classroom software solution supports teachers and trainers with a wealth of dedicated assessment, monitoring, collaboration and control features to unlock the power of technology in the classroom. ProCloud.EDU provides a wealth of features to streamline classroom management.

- **Control:** Allows teachers to control student activity on each device in the classroom
- **Monitor Internet Access, Applications and Resource Usage:** Monitor what students do, control when they can do it and prevent access to resources whenever required.
- **Assess:** Unique Q&A mode for real-time individual, group and peer assessment in a fun and engaging game show style. Quick surveys can be done with the whole class as part of a plenary, with students automatically grouped based on responses. Finally, it includes a full Testing console with auto-marking for more structured assessments.
- **Collaborate:** From group leaders, group chat sessions, interactive whiteboard, audio monitoring and more, the solution has been built with collaboration in mind. The Student Journal ensures a record of all relevant content from a lesson can be stored in a PDF file for the student to take away and review. From personal notes to recommended resources, screenshots, teacher notes, survey results and more, the journal is a great addition for each student.
- **Administer:** With a Tutor console, tablet apps for teaching assistants and software for every platform, ProCloud.EDU classroom management is a complete solution. A dedicated Technicians' Console allows network administrators to monitor all devices and systems, across the school and perform remote management when needed.

Wi-Fi Help Desk

ADTRAN's ProCare Help Desk is a 7x24 service, providing a "first response" to users' Wi-Fi connectivity and usage questions. The Help Desk ensures students can get connected quicker while allowing teachers to focus on teaching instead of providing technical support.

- **First Response Resolution:** Quickly and efficiently resolve Wi-Fi connectivity issues for students and teachers, improving the learning experience.
- **Support Multiple Locations:** Leverage ADTRAN resources to provide Help Desk services from a single school to all the schools across a district



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With nearly three decades of experience, ADTRAN is a networking partner you can trust. ADTRAN is in the business of helping educational institutions like yours integrate networking into daily business operations in a meaningful and cost-effective manner. ADTRAN solutions are robust and offer the functionality that you require today, with room for the expansion and integration of future applications, users, and locations. Unique to ADTRAN is the level of high-touch support provided not only after product installation, but before and during the decision and evaluation process. With this combination of innovation and customer support, ADTRAN consistently delivers award-winning networking solutions to enable advanced, real-world applications.

ProCloud.EDU Services Suite

Features	ProCloud EDU	ProCloud Plus EDU
Cloud managed infrastructure	•	•
Highly available, geographically diverse, secure data centers	•	•
99.99% guaranteed uptime	•	•
Automatic scheduled software upgrades	•	•
Cloud managed infrastructure monitoring (7x24x365)	•	•
Priority access to ADTRAN Technical Support with SLAs (1 hour or 30 minutes)	•	•
Partner or customer has full administration and configuration control and is responsible for implementation and performance	•	•
Partner or customer is able to make limited configuration changes		•
Device alerts monitored by ADTRAN (7x24x365)		•
Automatic trouble ticket generation and issue resolution		•
Change requests implemented by ADTRAN (during business hours)		•
Monthly management reports scheduled by ADTRAN		•
Advance hardware replacement (NBD or 4 hour)	Non E-rate eligible. Sold separately.	
Help Desk	Non E-rate eligible. Sold separately.	
Classroom Management	Non E-rate eligible. Sold separately.	
Content Filtering	Non E-rate eligible. Sold separately.	
Installation	Sold separately.	
Network Planning & Design	Sold separately.	

For more information, visit ProCloudEDU.com

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