

## AEP SmartGate®: Security for Education

Secure remote access is increasingly important for education. Making coursework and other educational resources securely accessible to any authorized user is a must for university network administrators:

- School officials can access private, centralized student data
- Teachers and students can access coursework, personal folders, email and proprietary licensed content like ejournals and databases.

Delivering seamless, secure, controlled access to users who roam on-campus and connect to the LAN or Internet via Wi-Fi and wired connections has traditionally been expensive to deploy and manage. SmartGate slashes the cost and complexity of delivering secure access.



### Introducing AEP SmartGate – Identity-based Access for Education

#### Ideal for Education

- Teachers, students and staff gain secure identity-based access to any IP-based resource including web, email, databases, and file servers.
- Seamless single-logon access on-campus and off-campus, and over wired or wireless networks
- Fast easy rollouts due to patented Online Registration (OLR) facility
- Support for Windows, Macintosh, and Linux/UNIX clients

#### AEP SmartGate Key Features

- Cross-Realm Authentication: Powerful, centralized enforcement of access control rules across organizations and authentication systems
- FIPS-certified, pin-based two-factor authentication eliminates password management and reduces help desk costs. Encryption at up to 256 bit AES
- Only traffic destined for protected resources is tunnelled over the VPN
- Resilient, load balanced and/or geographic disaster recovery configurations facilitate decentralized, highly scalable deployments as required

#### Why SmartGate?

- **Challenge:** Flexible remote access without security compromise
- **SmartGate Solves:** Highly secure, accredited solution with fine-grained access controls secures protected resources and data traffic privacy
- **Challenge:** Help Desks overwhelmed with support calls and password resets
- **SmartGate Solves:** Embedded 2-factor solution with patented On-line Registration tool (OLR) lowers rollout and management complexity
- **Challenge:** Users need access to inter-department, campus-wide networks that may span organizational boundaries
- **SmartGate Solves:** Federated authentication model creates a single architecture that supports multiple authentication sources, without the expense and complexity typically needed
- **Challenge:** Return on investment in existing infrastructure
- **SmartGate Solves:** SmartGate integrates with numerous third party authentication systems to protect existing investments

AEP SmartGate is a secure, highly scalable information sharing solution for authorized users over any IP-based infrastructure. SmartGate easily scales from small deployments up to the largest multi-campus institutions serving hundreds of thousands of students. It addresses many of the technical, management and financial challenges faced by educational organizations seeking to deliver cost effective, flexible and secure access to protected resources.

AEP SmartGate has been trusted by governments and global corporations since 1999, and supports some of the largest VPN implementations in the world. It offers a fast-deploying VPN solution with low-management overhead that enables administrators, teachers and students across the campus - or the world - to benefit from secured access to lesson management systems, library research facilities, enrollment services, e-learning applications, e-grade books, and more.

**Cost Effective** - SmartGate for Education delivers the benefits of a high-end VPN at a fraction of the cost previously associated with secure remote access.

**Easy Implementation and Use** - SmartGate integrates seamlessly into existing network infrastructures (and authentication systems) and won't interfere with firewalls and VPNs. SmartGate's patented self-service Online Registration (OLR) allows new students to get secure access without draining help desk resources.

**The Trusted Choice** - AEP Networks is a pioneer in the development of secure remote access, application protection and user authentication solutions, with products used by numerous Global 1000 companies, governments and educational facilities around the world.

#### Learn More

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