



ANOTHER WEBNETWORK ADVANTAGE | The Florence USD Perspective
Achieving Real 1-to-1 Computing

The Need: More Fluid Access to Resources

As FUSD continued to integrate more computer technology into its learning environments, teachers and administrators began to see how streamlining access to all of its Windows, Web and hosted applications could save significant administrative costs, while greatly advancing education.

The Challenge: Extending 1-to-1 Computing Beyond the Classroom

Already realizing the benefits of replacing textbooks with laptops and providing both teachers and students with the ability to store and retrieve personal files on the district SAN, the next step to optimizing these capabilities was to establish remote access.

But student Netbooks, loaded with the Windows® XP Home operating system, could not authenticate to the directory, public cloud options were too vulnerable to security issues, and other portal network options were cost-prohibitive.

The Solution: Make the Public Cloud a "Private" Cloud

Dell computers connected FUSD with Stoneware and its proprietary webNetwork technology that takes the concept of cloud computing and "privatizes" it by keeping all the school's apps and data on the school district's own servers, allowing:

- **Real 1-to-1 computing, without access limitations**
 Teachers and students can freely engage with all their working files and all of the district's applications over the Web—from any device, anywhere, any time—through one virtual desktop accessed via one single password.
- **Extremely reliable data security**
 When the cloud goes "private," authorized access to all school data and applications—both hosted apps and Web apps—happens on FUSD's internal servers, and is delivered over the Internet through an encrypted session to the virtual Web desktop, keeping everything inside FUSD's control.
 FUSD can even grant its vendors secure log-in for accounting and other data without the headaches and cost of setting up a VPN/ firewall structure.
- **Measurable IT labor savings**
 New software installations, system troubleshooting and other IT services are primarily centralized to the servers at the district level, almost completely eliminating the need for IT to service individual machines at individual schools throughout FUSD's 50-mile radius.
- **Equal student technology footing**
 FUSD's execution of 1-to-1 computing through webNetwork is easily facilitated by Dell's economical Netbook devices, empowering the schools to level the playing field for all students, regardless of family income.

Florence Unified School District (FUSD)
 P R O F I L E

Location:
 Florence, Arizona

Grade levels:
 K-12

Schools:
 7 elementary, 2 high schools

District land mass:
 Approximately 2,500 sq. mi.
 (the largest in the state)

FUSD webNetwork users:
 Students—7,000 +
 Faculty/staff—1,000 +
 Third-party vendors—3

Visit:
www.florenceusd.org/

The Applause:

Thomas Howe, Systems Administrator

"We already knew what we needed. We just didn't know if the technology existed. When Dell pointed us to Stoneware, the decision was a no-brainer. The product is so remarkably flexible and so easily customizable. And, to top it off, Stoneware's service, technical support and training have all been phenomenal. Any questions or issues, and they are right on it."

Feel free to contact Tom with any questions at:
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