



# Content filtering solution brief

Enabling instructional use of YouTube for Schools

YouTube EDU (YouTube.com/education) is a section of YouTube that contains thousands of free educational videos. The content is rated and maintained by YouTube and the education community. YouTube for Schools (YouTube.com/schools) is a project by YouTube/Google enabling teachers and administrators at the district and school level to structure productive access to this treasure trove of free educational content appropriate to grade level.

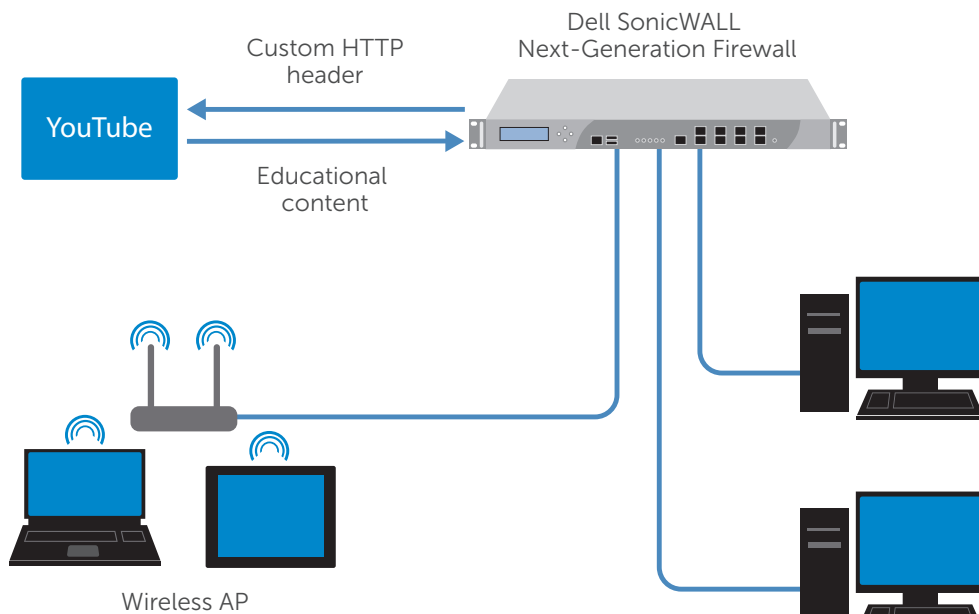
Through *YouTube for Schools*, teachers can choose from hundreds of thousands of videos from **YouTube EDU**, developed with more than 600 partners including the Smithsonian, PBS, Stanford University, TED, Numberphile, Kahn Academy and Steve Spangler Science. The videos

include short lessons from teachers across the globe, full courses from top universities, professional development tools for educators, and inspirational content from some of the world's leading thinkers.

YouTube.com/Teachers offers hundreds of playlists of videos that align with common educational standards, organized by subject and grade. These playlists were created by teachers and can be used by other teachers so more time can be spent teaching and less time searching. In addition, instructors can turn mini-lessons into short videos that students can watch on their own time, which is especially helpful for students who were out sick. Students can pause and replay explanations whenever they

need help. A YouTube station in the classroom allows students to work independently, freeing teachers to work with small groups. All content, playlists, etc. are maintained via *YouTube for Schools*.

All the capabilities of *YouTube for Schools* are automatically enabled by a networking setting on a school's firewall (provided it has the appropriate technology). School administrators can activate *YouTube for Schools* to grant access to only educational content from *YouTube EDU*. This setting automatically disables certain YouTube features, including the ability to make comments on posted videos, and other potential distractions from learning. *YouTube for Schools* is free to participating schools.



## Dell SonicWALL Next-Generation Firewalls and YouTube for Schools

With YouTube for Schools enabled by a Dell™ SonicWALL™ Next-Generation Firewall, school administrators and teachers can log in and watch any video. Students cannot access the administrator level, and they can only watch YouTube EDU videos plus videos their school has added. Any web requests by students to go to the regular YouTube.com site get automatically redirected to YouTube EDU. All comments and related videos are disabled and search is limited to YouTube EDU videos. All schools get access to all of the YouTube EDU content, but teachers and administrators can also create playlists of videos that are viewable only within their school's network.

## Educate, engage, and inspire your students with video

The Dell SonicWALL family of firewalls tightly integrates intrusion prevention, malware protection, and application intelligence and control with real-time visualization. The Dell SonicWALL Reassembly-Free Deep Packet Inspection® engine scans 100% of traffic and massively scales to meet the needs of the most high-performance networks. Dell SonicWALL has been validated by independent organizations\* as a leader in protection and performance. This assures latency-sensitive flows—like streamed video—will enjoy maximum throughputs for the best possible user experience.

By implementing a range of security services on a single appliance, Dell SonicWALL firewalls offer a lower

investment in equipment. The ease of set-up and administration means a lower total cost of ownership. And the speed of throughput means schools can get the maximum value from their broadband connections.

With a Dell SonicWALL security appliance configured to access the free, high quality educational videos on YouTube EDU, educators are providing a powerful, effective and free instructional resource for their schools. Sign up for YouTube for Schools to bring the power of video to your classrooms at <http://www.youtube.com/schools>

\*NSS Labs 2012 Next-Generation Firewall Security Value Map™, March, 2012; 2012 Gartner Magic Quadrant for Unified Threat Management, March, 2012