

# Educational Vertical

## Delhi Public School ( Varanasi )

www.dpsvaranasi.com

SecuraNET Deployed on : November, 2004 | No. of Users : 600

Delhi Public School, India is among the premier educational societies engaged in imparting education at school level in India. Although its name suggests otherwise, it is not localized or limited to Delhi region. Its administrative body is the non profit organization; Delhi Public School Society.

The Delhi Public School Society is an educational body in India which manages 95 schools in the country & abroad. The School is affiliated to the Central Board of Secondary Education (CBSE), New Delhi.

### Institution Requirement

- » School Management wants to provide the latest technologies including computer systems and access to the internet and computer aided teaching
- » Provide constant and fast Internet access to Teachers, Managements and Students by ensuring that there is no download of the music, videos, movies, images, etc.
- » Proxy Server with User authentication
- » User should get Internet connection only when he gives username and password. And every user should have their respective access policy such as time, website access, download restriction, etc.
- » To provide clean and fast internet access to all students providing content filter so that students can only access education related sites and not able to open adult, pornography and offensive websites.
- » Computer Access Policy that the school has defined should be able to restrict some websites that the management/teachers deem not suitable to the students

### SecuraNET Solutions

- » Deployed SecuraNET SentinelXS 1000 with Firewall, Proxy Server, and Enhanced Content Filter combined with Intrusion Prevention System
- » SecuraNET SentinelXS user authentication module provides authentication based Internet access. After logged in with SecuraNET SentinelXS, user can access Internet according to his policy.
- » Regularly Update of Content Filter database with ability to enter website/IP address manually to the database to restrict access.
- » Using Active Firewall module of SecuraNET SentinelXS, so that only limited number of users get Internet access.

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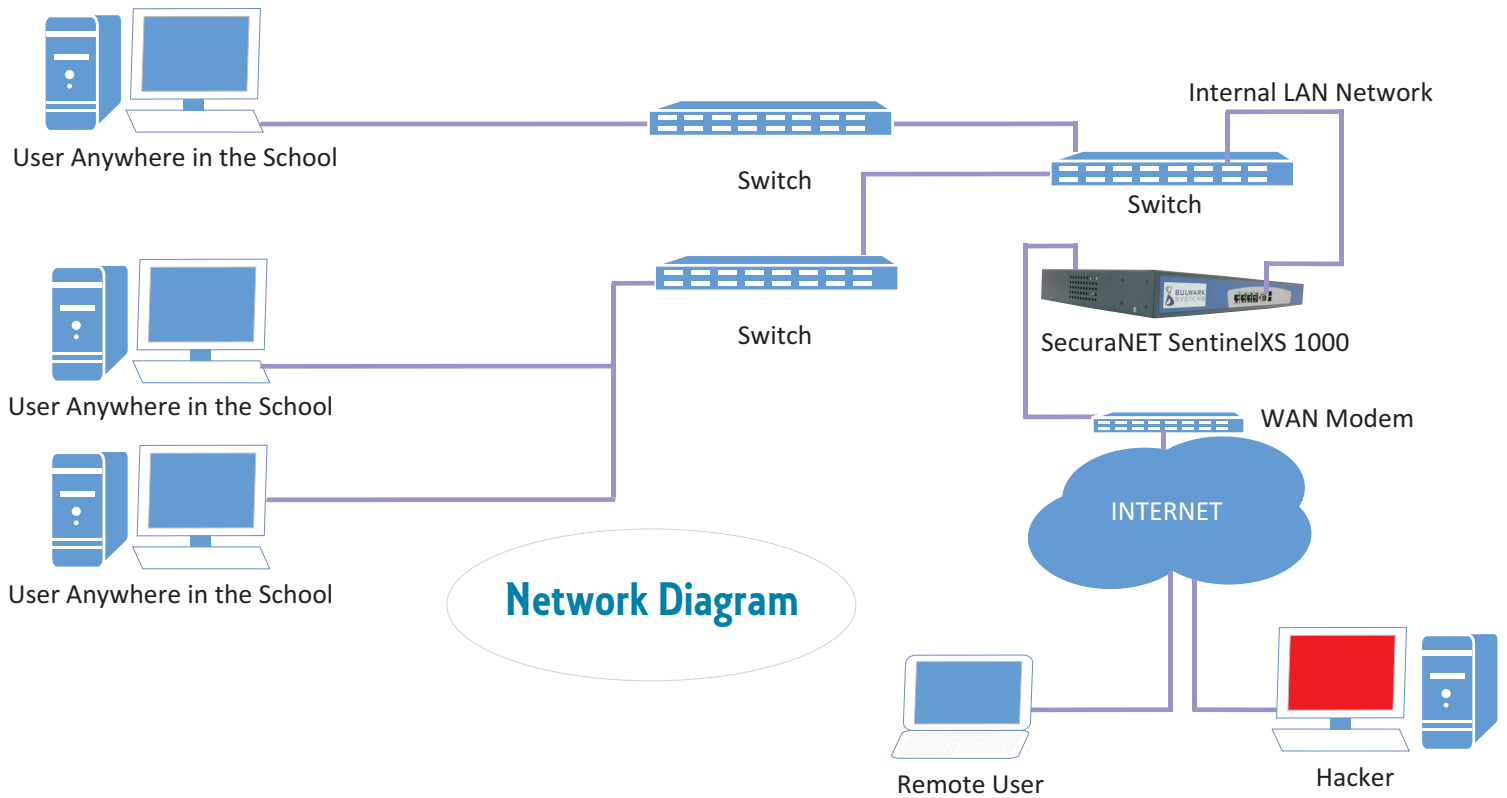
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### Results

- » Fast and clean Internet access for all students and staff.
- » SecuraNET Cache Proxy Module ensures fast Internet access even after the multi-layer security is introduced to ensure clean Internet Access.
- » As per school policy, clientless login function is not enabled. So user/student will not get any connection of Internet unless and until they login
- » User wise access policy is implemented. So user is restricted to his policy even when they roam to other computer on the LAN. This will automatically reduced unnecessary network traffic
- » Providing fast web access by preventing download of music, videos, movies, etc.



Network Diagram