

# Educational Vertical

## D. Y. Patil Institute of Bio Technology ( CBD Belapur )

www.dypatil.edu

SecuraNET Deployed on : September, 2006 | No. of Users : 400

Padmashree Dr.D.Y. Patil Vidyapeeth, with its reputation for providing an excellent education, has attracted an increasing number of aspiring educational institutions throughout India.

The university offers a broad range of programs including engineering, law, architecture, hotel management, biomedical science, physiotherapy, dental surgery and management studies. In addition, the school runs a variety of special programs that include three year degrees in information technology, computer engineering or electronics engineering, as well as certificate programs in craft cookery or food and beverage service.

### Institution Requirement

- » Provide 24X7 constant access of Internet to Teachers, Managements and Students
- » Provide Internet Proxy to 2 different LAN networks using only 1 Internet Connection
- » As per college policy, some of the users are restricted from accessing Internet, but have internal LAN access.
- » POP and SMTP Traffic should pass through Firewall
- » PPTP VPN Connection for specific Users, for access to the LAN from geographically different location via the Internet.
- » Bandwidth Management for Internal Applications like the email server, running on specific port
- » As per policy they want particular site restrictions on LAN1 where as the other LAN2 had other restrictions.

### SecuraNET Solutions

- » Deployed SecuraNET SentinelXS 1000 with Firewall, Proxy Server, and VPN combined with Intrusion Prevention System
- » Using Firewall Policy, they can prevent some users from accessing Internet considering both LAN networks
- » Used the most advanced technology and algorithms for Bandwidth Management
- » PPTP VPN Connection on the basis of User Authentication as prescribed by the Security Policy of the College.
- » Opened POP and SMTP port for passing Email Traffic.

# Educational Vertical

## D. Y. Patil Institute of Bio Technology ( CBD Belapur )

SecuraNET Deployed on : September, 2006 | No. of Users : 400

www.dypatil.edu

### Results

- » Secured and clean Internet access to all computers in the LAB, classroom and the college office.
- » SecuraNET Cache Proxy Module ensures fast Internet access even after the multi-layer security is introduced to ensure clean Internet Access.
- » Used SecuraNET SentinelXS VPN module for PPTP VPN Connection and only authenticated users can connect through VPN.
- » Administrator can now keep records of daily Internet usage, PPTP VPN, bandwidth usage through SecuraNET SentinelXS Access Log Report module.
- » Bandwidth Management for internal applications that run on specific port.
- » Used SecuraNET SentinelXS Active Firewall module for preventing some users from accessing Internet.

### Client's Comments

Mr. Pravin Patil (IT Head of D.Y.Patil Institute of Biotechnology, CBD Belapur)

"After evaluating solutions from several different vendors, it was clear that SecuraNET SentinelXS was above and beyond the others," said Mr. Pravin. Through their PPTP VPN connection, we are now able to connect with the college from anywhere and it is very fast and secure. Their Bandwidth Management module helped us to access our internal LAN application very fast and without any congestion. By getting access logs in CSV format, I am able to give daily report to our top level management. Ease-of-use was also an important factor. Its GUI is so simple and user friendly that even by reading instructions any one can configure SecuraNET SentinelXS.

### Network Diagram

