

# CNBC-TV 18

Behind the scenes, Fortinet provides network security to CNBC-TV18

Case Study

## Situation

CNBC-TV18, a joint venture of Television Eighteen (TV18) and CNBC Asia, is an emerging media powerhouse with business interests in content, broadcasting and new media. It is among the fastest growing media companies in India with a CAGR of almost 100% since its inception in 1993. In addition to running the premier Business News Channel – CNBCTV18, it owns moneycontrol.com, a business portal, and other channels such as Awaaz, South Asia World and CNN-IBN.

Growing business brought more content, applications and users onto the computer networks at CNBCTV18's offices in Mumbai, Delhi and other bureaus in India and abroad. The company has grown from only 200 employees and 70-80 computers to around 1500 employees. The new office in Delhi has more than 1500 nodes while Mumbai has a capacity of about 1000 nodes. The 12 MBps pipeline between the Mumbai and Delhi offices handles a lot of video and data every day. The security infrastructure for such a large setup could not adequately be managed by the company's IT team alone, and a year ago, the company decided to implement a new security solution.



After looking at both appliance and software security solutions from a number of vendors, the company eventually chose FortiGate for two main reasons. First, Fortinet's FortiGate unified threat management (UTM) platforms could be configured for inputs from different service providers. CNBC-TV18 has redundant network connections from 2-3 providers so that if one link goes down, the other takes over. Most of the security products in the company's solution and product evaluation could not be configured for inputs from multiple service providers. Second, all the security functions the company was looking for—IPS, IBS, firewall, and content filtering—were available in one appliance, making FortiGate an easily manageable solution.

## Solution

In December 2004, the company contracted Sify, a Fortinet solutions provider, to deploy its new security infrastructure. Sify's engineers installed two FortiGate-800A appliances at its Mumbai office; two more FortiGate-400A appliances were installed at Delhi office in January 2005. Both deployments were completed at night and users experienced no downtime. Entry-level FortiGate UTM appliances were also deployed at 17 other bureaus of CNBC-TV18 in India and abroad, which connect to Mumbai and Delhi offices through either leased lines or VSAT. The Fortinet units have been operating successfully in CNBC-TV18's network for around a year now, protecting the media company's information assets. CNBC TV18 is now a satisfied Fortinet customer.

## Success

Among the many benefits that CNBC TV 18 seeing since their Fortinet deployment are: Multiple layers of security implemented in the company's computer network, Fortinet solution led to the curing of the network of internal problems, and the single UTM appliance solution has made it easy to manage security.

"The Fortinet appliance could be configured to take inputs from multiple service providers, unlike most others which couldn't," concluded Rajesh Sharma, senior manager systems, CNBC-TV18.

Deployment:  
FortiGate-800  
FortiGate-400A

Industry:  
Media

## About Fortinet

Fortinet is the pioneer and leading provider of ASIC-accelerated unified threat management, or UTM, security systems, which are used by enterprises and service providers to increase their security while reducing total operating costs. Fortinet solutions were built from the ground up to integrate multiple levels of security protection—including firewall, antivirus, intrusion prevention, VPN, spyware prevention and anti-spam -- designed to help customers protect against network and content level threats. Leveraging a custom ASIC and unified interface, Fortinet solutions offer advanced security functionality that scales from remote office to chassis-based solutions with integrated management and reporting. Fortinet solutions have won multiple awards around the world and are the only security products that are certified in seven programs by ICSA Labs: (Firewall, Antivirus, IPSec, SSL, Network IPS, Anti-Spyware, and Anti-Spam). Fortinet is privately held and based in Sunnyvale, California.

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