



# SYMANTEC WHOLESECURITY CONFIDENCE ONLINE

## Comprehensive Security for remote access with F5 and Confidence Online Server

### Executive Summary

Providing remote access to the corporate LAN and the internal applications that run on the network was once a luxury; an expensive, complicated deployment for a handful of users. Today, the remote work force comprises a substantial portion of employees, with over 50% of employees working remotely on a regular basis. The FirePass controller from F5 allows organizations to easily provide secure and granular remote access to the internal network and the applications that run there. F5's FirePass® controller is the industry leading SSL VPN solution that enables organizations of any size to provide ubiquitous secure access for employees, partners and customers, while significantly lowering support costs associated with legacy client-based VPN solutions.

When the FirePass controller is integrated with the Symantec's WholeSecurity Confidence Online Server, the security perimeter is extended to where organizations need protection the most — at the endpoint. Symantec's Confidence Online solutions employ patent-pending behavioral detection technology that automatically identifies and eliminates both known and unknown threats without requiring users to install or update signatures. Confidence Online's proven zero-hour detection capabilities prevent the electronic theft of confidential corporate and personal data by eliminating eavesdropping threats, while mitigating the significant losses that stem from widespread worm infections.

### Challenges

Allowing the increasing number of remote users access to internal resources introduces a host of new challenges. Legacy solutions such as IPsec VPNs are costly and extremely difficult to maintain. Organizations must contend with requirements for allowing access to any user regardless of location, platform or operating system. And with many organizations wanting to provide some form of access to trusted partners or suppliers, extending access for a particular group of users to a particular subset of applications can also be a challenge.

Most internal resources are often highly sensitive and confidential, so providing and maintaining security while offering access to internal resources is critical for any remote access solution. Not only do the network devices themselves have to be secure, but there must be a way to also secure the wide range of devices connecting to the network remotely, from multiple locations on countless different devices and operating systems.

Both corporate-owned and unmanaged endpoint computers are highly vulnerable to attacks by Trojan horses, keystroke loggers, and remote controls, which enable information to be stolen directly off of a computer. Failure to safeguard against endpoint eavesdropping threats places enterprise resources, intellectual property, revenues, and confidential customer data at risk.

### Solution

F5's FirePass® controller enables enterprises to provide secure, reliable and intuitive remote access to corporate applications and data using standard web browser technology, without the headaches associated with time-consuming client software installation and configuration, or changes to server-side applications. Organizations using the FirePass controller with the Symantec Confidence Online server provide their employees and partners flexible access to the network without sacrificing security. The Confidence Online server enhances FirePass deployments by taking a revolutionary, on-demand approach that extends the security perimeter to where organizations need protection the most — at the endpoint.

The Confidence Online solution provides easy, seamless integration with the FirePass device, ensuring that all computers connecting to the internal network are protected against endpoint attacks that leverage keystroke loggers, remote controls, and other eavesdropping software. This combined solution reduces deployment and management costs, decreases support volume, and increases productivity and mobility for any organization.

Confidence Online employs ActiveX® and Netscape® plug-ins to distribute the software the first time a user logs into the FirePass device from a particular computer. Within a matter of seconds, the lightweight application is automatically downloaded, cached and run on the end user's system. The on-demand download of the Confidence Online plug-ins significantly lowers the cost associated with managing and updating software on thousands of systems, while enabling employees to use non-corporate systems, like home computers or Internet kiosks, to safely access the network.

Confidence Online's patented behavioral detection method is more reliable and effective than signature-based solutions at addressing new or targeted threats and does not require users to download updates each time a new threat is identified. Before a user is allowed to access to the corporate network via the FirePass controller, hundreds of detection modules examine processes on the user's computer to identify certain types of behaviors that are consistent with Trojans and other remote controls. Employing this behavioral approach enables Confidence Online to provide zero-hour threat protection, unlike signature-based technologies.

### About Symantec

Symantec is the world leader in providing solutions to help individuals and enterprises assure the security, availability, and integrity of their information. Headquartered in Cupertino, Calif., Symantec has operations in more than 40 countries. More information is available at [www.symantec.com](http://www.symantec.com).