

10 CHALLENGES SOLVED

by Integra Telecom's Cloud Firewall Service (CFS)

CLOUD FIREWALL SERVICE, the first in a comprehensive suite of Cloud Security Services from Integra, protects your business by guarding the perimeter of your network while providing inbound and outbound Internet access through a secure managed gateway. Integra's Cloud Firewall Service prevents unauthorized access to your network infrastructure, prohibits access to inappropriate web content, restricts downloads of infected files, and ensures secure use of your organization's corporate IP-VPN network. This managed service provides a consistent enforcement of security policies to all your facilities including staff working from home or on the road.

Challenge	CFS Solution
<i>My company is losing productivity because employees are spending too much company time visiting non-work related web sites.</i>	CFS filters web sites based on categories so you can easily block access to inappropriate sites. Alternately, CFS can warn users that the web site may be inappropriate and allow them to proceed if desired while it logs the access. Many times warning employees is sufficient to dissuade them from spending company time surfing inappropriate web sites.
<i>Employees are consuming excessive internet bandwidth downloading Pandora and YouTube content, and it is slowing the business applications we rely on.</i>	CFS can block access to any web applications you specify, thereby conserving bandwidth for valid business uses.
<i>Our company needs a firewall, web filtering, network antivirus and network anti-spyware, but we can't afford the capital outlay for these devices.</i>	CFS is billed as a monthly charge that depends upon the features and bandwidth you utilize, allowing you to pay for what you need while conserving capital and credit.
<i>Our business requires many of our employees to use the internet. However, we need to protect our systems from malware.</i>	CFS controls your internet traffic and can block applications that are used by malware, viruses and spyware.

Challenge

Our remote and traveling workers require secure access to the business systems available on our network.

Our limited IT staff is so swamped administering our existing systems that they can't focus on the projects that would really propel our business forward.

There are many risky applications, such as bittorrent, on the internet. How can we allow access to the applications we need without opening up the floodgates to the risky applications?

We have no visibility into what web applications our employees are using so we can't determine if they are using applications they shouldn't be using..

How can we know that CFS is based on state-of-the-art technology that will protect us against the latest threats?

We have a small IT staff and don't have the expertise to configure and manage firewalls, web filtering, etc.

CFS Solution

CFS has an available remote access VPN client that allows mobile and/or remote users to securely access your network resources.

CFS is managed and maintained by highly trained Integra personnel. If desired, your personnel may customize the policies. However, many customers elect to have Integra customize the policies for them. The bottom line is that your staff can focus on high value projects with the adoption of CFS.

CFS is based on an "application-aware" firewall. It currently identifies more than 1,400 applications, and the number is constantly growing. It can allow or deny categories of application as well as specific applications. So you can specifically block bittorrent and other risky applications. CFS gives you control over how your network is used.

CFS' Application Visibility feature shows you the top applications being used on your network so you can quickly determine if inappropriate usage is a problem.

While no security system can protect against 100% of threats, CFS is built on leading edge technology. Integra evaluated a number of firewall vendors and selected Palo Alto Networks because of two primary factors. First, they are recognized to be visionaries offering the best Next Generation Firewall capabilities. Second, they have the resources to be a long term player. Gartner's December, 2011 Magic Quadrant for Enterprise Network Firewalls says this about Palo Alto Networks, "Palo Alto Networks' high-performance NGFW functionality continues to drive competitors to react in the firewall market." Additionally, Integra continually updates CFS with new application and threat content that is provided by Palo Alto Networks.

CFS is configured and managed by highly trained Integra personnel. They update CFS as new application, URL filtering, antivirus, anti-spyware, and intrusion information becomes available.

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- 3,000 Miles of Metro Fiber Network
- 5,000 Miles of Inter-Metro Fiber Routes
- Largest Network of On-Net Fiber-Served Buildings in the West
- Fully Redundant MPLS Backbone

