

Microsoft® Forefront™ Threat Management Gateway (TMG) and Riverbed®

Best-of-breed WAN Optimization and Secure Web Gateway Solution

Virtualization remains one of the top priorities for IT departments today. With flat or shrinking budgets, CIOs are being asked to do a lot more with less. While the virtualization of servers at the branch office has become an increasingly popular method for making more efficient use of computer hardware and the supporting infrastructure, organizations have to keep in mind that branch users need to experience the same levels of IT performance and security as users at headquarters. With the Riverbed Services Platform (RSP) and Microsoft TMG, Riverbed enables virtualization within the branch office, including a reduced hardware footprint at the edge, without sacrificing functionality or performance, and high security levels.

RTA Partner Product and Specific Features Tested with Riverbed Product(s):

Microsoft Forefront TMG 2010 makes it easy for businesses to allow safe and productive employee Internet access for business, without worrying about malware and other threats. It provides multiple layers of continuously updated protections that are integrated into a unified, easy-to-manage gateway, reducing the cost and complexity of Web security. The Microsoft TMG on RSP provides URL filtering, proxy and application-and network-layer firewall in a single solution alongside Riverbed WAN acceleration.

The joint solution by Riverbed and Microsoft Forefront includes such features as:

- An application and network layer firewall
- URL filtering
- Proxy
- Branch office consolidation and virtualization leveraging Riverbed Steelhead® appliances for even greater ROI
- Reduced energy costs, with lower electricity and cooling requirements

Joint Solution Overview

Microsoft has partnered with Riverbed to offer enterprise customers an integrated, unified solution that combines Riverbed's award-winning WAN optimization technology with Microsoft's TMG solution. The joint solution grants customers the ability to consolidate their branch office infrastructures, delivering LAN-like performance for their branch users while protecting corporate networks from web security threats like malware and spam.

The Steelhead appliance optimizes the WAN through a combination of bandwidth reduction, TCP protocol tuning, and application-specific optimizations to overcome latency. The RSP is a virtualized, extensible computing platform, allowing customers to deploy best-of-breed edge services directly on Steelhead appliances across their enterprise, eliminating the need for many office servers. The RSP enables customers to further consolidate their hardware requirements, while still delivering a wide range of high-quality local services such as print, network management, and security. This helps simplify operations and control costs, without compromising performance or functionality.

A Joint Solution by Riverbed and



RTA Partner

Microsoft Threat Management Gateway

Solution Segment

Security

RTA Partner Website

www.microsoft.com/forefront/tmg

Riverbed RTA Alliance

Contact Info

Rick Holden, rick.holden@riverbed.com



The Forefront TMG 2010 is designed to increase corporate Web usage security by:

- Preventing malware outbreaks caused by inadvertent employee visits to malicious sites, or downloading infected files
- Enforcing a consistent Web security policy for application protection, malware inspection, and URL filtering through integration with Forefront TMG's Web Protection Service

The Forefront TMG 2010 server provides multiple inspection technologies, including an application- and network-layer firewall, intrusion prevention, and malware filtering to keep users safe from Web-based attacks. It connects to the Forefront TMG Web Protection Service for URL filtering and anti-malware updates.

Key Customer Benefits

- Best-in-class WAN Optimization
 - Accelerate applications across the WAN
 - Reduce WAN bandwidth utilization
 - Enable IT consolidation
 - Optimize disaster recovery
 - Accelerate mobile workers
 - Enhance Visibility and manage application performance
- Comprehensive Protection
 - Multiple URL filtering data sources for improved malicious Web site blocking
 - Highly accurate anti-malware engine
 - Intrusion prevention against vulnerability exploitation
 - Built-in, proven network protection technologies of ISA 2006
- Integrated Security
 - Multiple Web security technologies integrated into a single solution
 - Authentication, update, policy distribution, and reporting infrastructure investments
- Simplified Management
 - Single interface for managing Web security policy
 - Comprehensive logging and reporting

About Riverbed

Riverbed is the IT performance company. WAN optimization solutions from Riverbed liberate businesses from common IT constraints by increasing application performance, enabling consolidation, and providing enterprise-wide network and application visibility – all while eliminating the need to increase bandwidth, storage or servers.



Riverbed Technology, Inc.
199 Fremont Street
San Francisco, CA 94105
Tel: (415) 247-8800
www.riverbed.com

Riverbed Technology Ltd.
Farley Hall, London Rd., Level 2
Binfield
Bracknell, Berks RG42 4EU
Tel: +44 1344 354910

Riverbed Technology Pte. Ltd.
391A Orchard Road #22-06/10
Ngee Ann City Tower A
Singapore 238873
Tel: +65 6508-7400

Riverbed Technology K.K.
Shiba-Koen Plaza, Bldg. 9F
3-6-9, Shiba, Minato-ku
Tokyo, Japan 105-0014
Tel: +81 3 5419 1990