DATA SHEET

# EDGEGUARD®

## Overview

Centrally managed by the BorderGuard Management console, EdgeGuard clients address the needs of an ever-increasing mobile workforce by enabling secure remote access for telework, management, or monitoring while simultaneiously protecting the enterprise from potential malicious code on the user's computer and preventing the export of internal/private information by that computer.

EdgeGuard provides the user with a virtual desktop that can be configured with a web browser, VDI solutions from Microsoft, VMware, Remote Desktop to the user's corporate desktop, or a Terminal Server, and Citrix. EdgeGuard is compatible with most VPNs, VDI environments, user authentication methods, SSL platforms, and other system architecture components without disruption to existing network infrastructure or operational processes. There is no drag and drop, copy or paste, or other interaction allowed between the secure portal and the underlying desktop. With EdgeGuard clients, end users can navigate securely to enterprise resources located in the cloud, data center, or corporate offices, turning any device (including personal devices) into a trusted terminal.

EdgeGuard clients are pre-provisioned and automatically authenticate and isolate wired and wireless remote access sessions before a secure session is executed (CAC/PIV, SSL, and VPN) preventing man-in-the-middle attacks and limiting exposure to malware, data theft and piggyback penetration of the enterprise through an unauthorized and unprotected tunnel. EdgeGuard works by isolating the endpoint so that no malware can enter the secure tunnel it creates with the BorderGuard access control appliance.

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## EdgeGuard Features

| Feature | Boot EdgeGuard | Virtual EdgeGuard |
|---|---|---|
| Remote Desktop | RDP 6.0 Client Included | RDP 6.0 Client Included |
| VMware View | VMware View Open Client Included | VMware View Open Client Included |
| Web Browser | Anonymous Web Browsing Firefox Supported | Anonymous Web Browsing Firefox Supported |
| CAC/PIV | Fully Supported | Fully Supported |
| VPN Support | Blue Ridge VPN native.<br>Compatible with majority of other VPN types including Cisco, Citrix and Juniper | Blue Ridge VPN native.<br>Compatible with majority of other VPN types including Cisco, Citrix and Juniper |
| Wireless (WiFi) Access | Fully Supported | Fully Supported |
| 3G/4G Cellular Access | Not Supported | Fully Supported |
| Security Block of Local Printing | Fully Supported | Fully Supported |
| Anonymity of user location | Fully Supported | Fully Supported |
| PC Platform Support | BIOS Supporting USB Boot | Windows XP, Service Pack 2 and above (32 Bit).<br>Windows VISTA, Service Pack 0 and above.<br>Windows 7, Service Pack 0 and above.<br>Windows 8, Windows 8.1.<br>Windows 10. |
| PC HW Platform Support | Min: 1 Gig or more RAM<br>Min: Wired or WiFi connection<br>Min: 1.6 GHz or higher 32-bit capable processor<br>Min: Screen Resolution 800x600 | Recommended: Core 2 Duo (>=1.8Ghz) or better; Recommended: Display resolution 1024 x 768 (or larger)<br>Min: Pentium 4 with hyper-threading enabled (>=2.4Ghz)<br>Min: 2.00 GB of RAM and 200 MB free Hard Disk space |

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