

# Protect Endpoints from Advanced Threats

Browse the internet, open email attachments, and access removable media safely and simply

BUFFERZONE works seamlessly with McAfee® ePolicy Orchestrator® (McAfee ePO™) software—part of the McAfee product offering—to protect your employees from zero-day attacks, drive-by downloads, phishing scams, and the latest exploits.

BUFFERZONE is a patented containment solution that isolates potentially malicious content from web browsers, email, and removable storage. Without limiting employee productivity, BUFFERZONE complements your existing endpoint security products to defend the organization from the advanced threats that evade detection.

The integration between BUFFERZONE and McAfee ePO software enables you to manage all of your endpoint security from the same, powerful platform. Using McAfee ePO software, you can manage all aspects of BUFFERZONE distribution, installation, and policy.

## McAfee Compatible Solution

- BUFFERZONE 4.11 and McAfee ePO software 4.6 and 5.1X.



## SOLUTION BRIEF

### The Challenge: Protecting Users from New Threats

As cyberthreats grow increasingly sophisticated, organizations must take a layered approach to security. Even with the best perimeter defenses, malware is getting through and is infecting user endpoints—the largest and most vulnerable attack surface in the organization.

Traditional solutions based on signatures and behavioral analysis are no longer enough to prevent zero-day exploits, drive-by downloads, and new malware. Today's threats are a moving target that cannot possibly be detected with total accuracy, leaving organizations to investigate hundreds of alerts every day. In response, many organizations are trying to restrict internet access, but it's an uphill battle. Internet, email, and removable storage are essential to business today. And since the list of dangerous sites and sources is constantly changing, it is impossible to maintain a foolproof policy. Organizations need an effective way to prevent advanced threats that does not disturb employees or create additional workload for IT security teams.

### The Solution: BUFFERZONE Secure Virtual Container

BUFFERZONE protects organizations from a wide range of threats with patented containment, bridging, and intelligence technologies. BUFFERZONE isolates potentially malicious content from web browsers, email, and removable storage and provides a secure bridge for transferring it safely to the corporate network. BUFFERZONE maximizes user productivity with seamless, unrestricted access to information, while

empowering IT with a simple, lightweight, and cost-effective solution for up to thousands of endpoints within and beyond the corporate network.

BUFFERZONE's advanced endpoint security solution features include:

- **Virtual Container:** A secure, isolated environment for accessing content from any potentially risky source including Internet browsers, removable media, and email
- **Secure Bridge:** A configurable process for extracting data from the container to enable collaboration between people and systems while ensuring security and compliance
- **Endpoint Intelligence:** A detailed reporting and integration with SIEM and Big Data analytics to identify targeted attacks

### Patented Containment Technology

The BUFFERZONE virtual container protects any content source that you define as potentially insecure, including web browsers, email, Skype, FTP, and even removable storage. With BUFFERZONE, you can define granular containment policies according to network segment, file location or file tag, digital signature, and URL/IP source.

BUFFERZONE is transparent to both the application and the user, yet completely seals off threats from the rest of the computer. It isolates the entire application environment—memory as well as files, registry, and network access. An infection attempt will be confined to the boundaries of the container, and will not reach the endpoint.

## SOLUTION BRIEF

### A Secure Bridge to the Organization

Most of the time, it is not necessary to remove files or data from the container, since users can view, edit, and save them inside BUFFERZONE. However, for many users and organizations, it is necessary to transfer files or copy data that has been downloaded from the open internet to other applications or parts of the organization.

BUFFERZONE is the only solution that features a customizable bridge for the safe transfer of files from the container to the secure enterprise environment. It implements industry best practices along with integrated detection and disablement tools to ensure that any file that leaves the container is compliant with organizational policy.

### Integration with McAfee ePolicy Orchestrator for Optimal Management

BUFFERZONE is simple to deploy and manage with McAfee ePO software. The integration features:

- Deploy and update BUFFERZONE using McAfee Agent Tasks.
- Define, distribute, and update BUFFERZONE policy with the McAfee ePO Policy Catalog.
- Empty the virtual container remotely with BUFFERZONE tasks.

One BUFFERZONE fits most Microsoft Windows versions, microprocessors, and physical/virtual deployments. It also supports most standard internet browsers, plug-ins, or applications. BUFFERZONE is a cost effective solution, with a very small footprint and little impact on endpoint performance. Once policies are configured, BUFFERZONE requires little ongoing management, resulting in very low total cost of ownership for the organization.

### Joint Solution Benefits

- Secure access to Internet, email, and removable storage
- Seamless user experience
- Defends against advanced malware, advanced persistent threats, zero-day attacks, and drive-by downloads
- Reduces alarms and false positives
- Protects all Windows endpoints inside and outside the corporate network
- Provides a secure bridge for removing files and data from the container
- Rapid deployment and policy management with McAfee ePO software
- Small endpoint footprint
- Supports Windows XP, Windows 7, and Windows 8.1



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