GravityZone Advanced Business Security

Bitdefender GravityZone is a an all-in-one security solution that provides high performance and protection while delivering centralized management, easy deployment and the freedom to choose between a cloud or an on-premise hosted management console.

GravityZone Advanced Business Security is designed to protect organizations looking for comprehensive protection and covers any number of desktops, laptops, servers, e-mail and mobile devices (physical or virtual machines). Advanced Business Security is based on a layered next-gen endpoint protection platform with top-rated prevention, detection and blocking capabilities, using proven machine learning techniques, behavioral analysis and continuous monitoring of running processes.



The combination of "Best Performance" and "Best Protection" is unique to Bitdefender, which scored best in these categories in all six tests performed by the prestigious AV-TEST throughout 2017.

KEY FEATURES

Machine Learning Anti-malware

Machine learning techniques use well-trained machine models and algorithms to predict and block advanced attacks. Bitdefender's machine learning models use 40,000 static and dynamic features, and are continuously trained on billions of clean and malicious file samples gathered from over 500 million endpoints globally. This dramatically improves the effectiveness of malware detection and minimizes false positives.

Process Inspector

Process Inspector operates in zero-trust mode, continuously monitoring all processes running in the operating system. It hunts suspicious activities or anomalous process behavior, such as attempts to disguise the process type, execute code in another process's space (hijack process memory for privilege escalation), replicate, drop files, hide from process enumeration applications and more. It takes appropriate remediation actions, including process termination and undoing changes the process made. It is highly effective in detecting unknown, advanced malware, including ransomware.

Advanced Anti-Exploit

Exploit prevention technology protects the memory and vulnerable applications such as browsers, document readers, media files and runtime (ie. Flash, Java). Advanced mechanisms watch memory access routines to detect and block exploit techniques such as API caller verification, stack pivot, return-oriented-programming (ROP) and others. GravityZone's technology is equipped to tackle advanced, evasive exploits that targeted attacks rely on to penetrate an infrastructure.

Endpoint Control and Hardening

Policy-based endpoint controls include the firewall, device control with USB scanning, and web content control with URL categorization.

Anti-phishing and Web Security Filtering

Web Security filtering enables real-time scanning of incoming web traffic, including SSL, http and https traffic, to prevent the download of malware to the endpoint. Anti-phishing protection automatically blocks phishing and fraudulent web pages.

Full Disk Encryption

GravityZone-managed full disk encryption uses Windows BitLocker and Mac FileVault, taking advantage of the technology built into the operating systems. It is available as an add-on to GravityZone Advanced Business Security.

Patch Management

Unpatched systems leave organizations susceptible to malware incidents, outbreaks, and data breaches. GravityZone Patch Management helps you keep your OS and Applications up to date across the entire Windows install base - workstations, physical servers and virtual servers. It is available as an add-on to GravityZone Advanced Business Security.

Response and Containment

GravityZone offers the best clean-up technology on the market. It automatically blocks/contains threats, kills malicious processes and rolls back changes.

Ransomware Protection

The solution is trained based on 1 trillion samples from over 500 million endpoints worldwide. Regardless of how much the malware or ransomware is modified, Bitdefender can accurately detect new ransomware patterns, in both pre-execution and run-time mode.

Largest Security Intelligence Cloud

With over 500 million machines protected, the Bitdefender Global Protective Network performs 11 billion queries per day and uses machine learning and event correlation to detect threats without slowing down users.

Automate Threat Remediation and Response

Once a threat is detected, GravityZone Advanced Business Security instantly neutralizes it through actions including process terminations, quarantine, removal and roll-back of malicious changes. It shares threat information in real time with GPN, Bitdefender's cloud-based threat intelligence service, preventing similar attacks worldwide.

Smart Centralized Scanning

It ensures a high level of protection and performance of machines by offloading part of the antimalware processes to one or more centralized security servers.

Universal Coverage

Advanced Business Security covers all types of endpoints: physical, virtual and cloud, any form factor: workstation, server, embedded, mobile, any OS: Windows, Linux, Mac and any virtualization platform: VMware, Citrix, Microsoft Hyper-V, KVM, Oracle. It can protect organizations of any size, scaling from tens to millions of endpoints just by cloning virtual appliances.



GravityZone Advanced Business Security is based on a layered next-gen endpoint protection platform with the industry's best prevention, detection and blocking capabilities, using proven machine learning techniques, behavioral analysis and continuous monitoring of running processes.

GravityZone Control Center

GravityZone Control Center is an integrated and centralized management console that provides a single-pane-of-glass view for all security management components. It can be cloud-hosted or deployed locally. GravityZone management center incorporates multiple roles and contains the database server, communication server, update server and web console. For larger enterprises, it can be configured to use multiple virtual appliances with multiple instances of specific roles with built-in load balancer for scalability and high availability.

BENEFITS

Best Protection, Best Performance

Bitdefender uses constant innovation to catch everything from everyday malware to advanced attacks and ransomware waves that other solutions miss, while ensuring the smallest possible impact on system performance. As the only solution to have won all VBSpam awards to date, GravityZone also consistently scores top spam detection rates.

Streamlined Deployment and Security Management

GravityZone Advanced Business Security provides comprehensive protection and management. This helps modern IT environments address all attack vectors while eliminating the overhead of managing multiple solutions. Based on hardened Linux machines wrapped in virtual appliances, the GravityZone on-premise console is configured and ready to use in under 2 hours. Its bottom-up design, granular options, and integrations with Active Directory, Citrix XenServer, or VMware vCenter, Splunk and Amazon web Services, save time and streamline security processes.

Smart Scanning & Minimized Resource Consumption

By optimizing and centralizing scan tasks, Bitdefender allows you to run up to 30% more virtual machines than traditional solutions. Unlike solutions that rely on the VMware vShield driver, Bitdefender covers any virtual environment and provides load balancing capabilities, as well as memory and process scanning.

Boost operational efficiency with single agent and integrated console

Bitdefender's single, integrated endpoint security agent eliminates agent fatigue. The modular design offers maximum flexibility and lets administrators set security policies. GravityZone automatically customizes the installation package and minimizes the agent footprint. Architected from the ground up for post-virtualization and post-cloud security architectures, GravityZone provides a unified security management platform to protect physical, virtualized and cloud environments.

Comprehensive and cost-effective protection

Bitdefender GravityZone Advanced Business Security gives organizations efficient protection for physical or virtual workstations and servers, and for mobile devices, with each system taking one unit from the license. Exchange email protection is included at no extra cost, and the number of mailboxes covered is proportional to the number of units in the license.

Support

Configuring and installing the GravityZone Advanced Business Security solution is simple but, if you need assistance, a Bitdefender Partner or a Bitdefender Support representative can help you install and configure it for the optimal protection and performance your business applications need. Visit: www.bitdefender.com/support/business/

Specification / System Requirements

GravityZone Advanced Business Security protects desktops and servers, Exchange servers and mobile devices - physical or virtual machines. Servers should account for less than 35% of all units.

For detailed system requirements, please refer to: www.bitdefender.com/business-security

Bitdefender

Bitdefender is a global security technology company that provides cutting edge end-to-end cyber security solutions and advanced threat protection to more than 500 million users in more than 150 countries. Since 2001, Bitdefender has consistently produced award-winning business and consumer security technology, and is a provider of choice in both hybrid infrastructure security and endpoint protection. Through R&D, alliances and partnerships, Bitdefender is trusted to be ahead and deliver robust security you can rely on. More information is available at http://www.bitdefender.com.

All Rights Reserved. © 2018 Bitdefender. All trademarks, trade names, and products referenced herein are property of their respective owners.
FOR MORE INFORMATION VISIT: bitdefender.com/business

