

Bitdefender Gravity Architecture for VLE

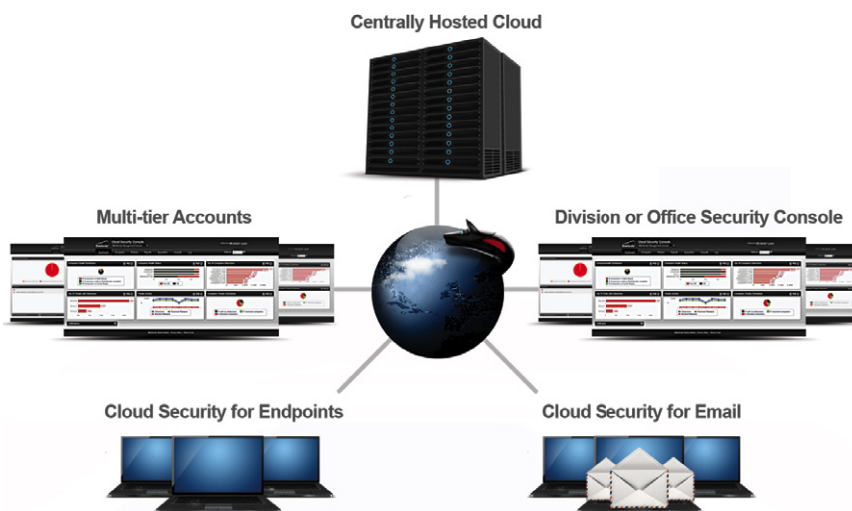
Provides a massively scalable and highly available platform making Bitdefender products capable of addressing the needs of even the largest businesses from a single console

Very Large Enterprises (VLEs) with geographically dispersed locations or customers often find centralizing security offerings while distributing management extremely challenging. The challenge arises when smaller offices do not have the resources to host the servers that are usually associated with enterprise security, but do require enterprise-class defenses. Bitdefender has created a solution that allows very large enterprises to provide branded, centrally provisioned and contained security for any number of locations.

Bitdefender Gravity Architecture provides the award-winning security used in Bitdefender on-premise and cloud security solutions from a centralized, massively scalable, platform with highly distributed management. Gravity Architecture powers Cloud Security for Endpoints and Cloud Security for Email, and its highly extensible structure allows new modules to be added quickly and easily. By building the architecture in a virtual container that can be deployed as a turn-key solution, large enterprises can provide their internal customers with the same easily branded security-as-a-service that Bitdefender offers.

Key advantages

- Enterprise-class security with no new on-site equipment at remote locations
- Quick set-up, multiple endpoint deployment options
- Central cloud that is always on and always ready, scaling with demand and powerful Cloud Security Console to centrally manage any number of endpoints and email streams distributed across any number of locations





Number-one-ranked security

Bitdefender scanning technologies incorporate a range of novel, cutting-edge system protection technologies and techniques. All Bitdefender solutions include B-HAVE, a patent-pending technology which analyzes the behavior of potentially malicious codes inside a secure virtual computer environment, eliminating false positives and significantly increasing detection rates for new and unknown malware. Bitdefender technology has been number-one-ranked in the last three AV-TEST Product Reviews making it #1 in protection* against e-threats in 2011.

Solution Overview

Bitdefender Gravity Architecture provides the foundation for Bitdefender Cloud solutions and on-premise offerings. The unique technology allows organizations to scale centralized management horizontally, including the persistent data store. Gravity Architecture currently includes Cloud Security for Endpoints and Cloud Security for Email. Solutions are managed from Cloud Security Console. From the perspective of the central host of Bitdefender Gravity, each internal division or remote location can be provided an individual Security Console.

Cloud Security for Endpoints by Bitdefender contains the same enterprise-class endpoint security technologies as the award-winning on-premise Bitdefender solutions. The power of Cloud Security solutions is accessible because they are managed by Cloud Security Console. Its simplicity and flexibility provides a robust yet non-intrusive solution that quietly protects servers and end-user systems. Cloud Security for Endpoints simply delivers the benefits of Bitdefender enterprise-class on-premise security solutions for workstations and servers without the IT overhead of additional software, hardware or dedicated IT staff.

Cloud Security for Email by Bitdefender has the same enterprise-class email security technologies as the award-winning on-premise Bitdefender solutions. The power of Cloud Security solutions is that they are managed by Cloud Security Console. In the case of Cloud Security for Email, email traffic is directed at the Bitdefender cloud for scanning. After scanning, the service sends the email to the email server at the organization being defended. Outbound email follows the same path. Since the vast majority of email that is sent to an organization is unsolicited or malicious, the volume of email that arrives at the organization is most often drastically reduced. With Cloud Security for Email, Bitdefender stands between the organization and the Internet at large, defending it from spikes in malicious and unsolicited email volumes.

About Bitdefender

Bitdefender consistently creates number-one-ranked and award-winning security solutions. Since 2001, Bitdefender has continuously raised the bar in security. From individuals to the largest enterprises, Bitdefender innovations foster confidence, and the freedom to conduct business, by defending data and brand integrity. Every day, Bitdefender secures the digital experience of tens of millions of home and corporate users across the globe. Bitdefender solutions are distributed by a global network of value-added distribution and reseller partners in countries across the world.



*#1 technology ranking based on AV-Test for protection against malware infections (Q1/2011), zero-day attacks and overall safety (Q2/2011) and highest overall score (Q3/2011) with Bitdefender Internet Security 2011.

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