DATASHEET

Web Use Only

Bitdefender

Endpoint Detection and Response

Advanced Threat Detection, Focused Investigation And Effective Response

www.bitdefender.com

The advanced threat challenges you face today

Cyber-criminals are growing ever more sophisticated and today's advanced attacks are increasingly difficult to detect. Using techniques that individually look like routine behavior, an attacker may access your infrastructure and remain undetected for months, significantly increasing the risk of a costly data breach.

How does Bitdefender Endpoint Detection and Response (EDR) help?

When your existing endpoint security doesn't provide the advanced attack visibility and response required – adding easy-to-use Bitdefender Endpoint Detection and Response (EDR) quickly and effectively strengthens your security operations.

Advanced attack detection and response

Bitdefender EDR monitors your network to uncover suspicious activity early and provides the tools to enable you to fight-off cyber-attacks.

- EDR integrates Bitdefender's award-winning machine-learning, cloud-scanning and sandbox analyzer to detect activity that evades traditional endpoint prevention mechanisms.
- Full visibility on the techniques, tactics and procedures (TTPs) being used to attack your systems.
- Comprehensive search capabilities for specific indicators of compromise (IoCs), MITRE ATT&CK techniques and other artifacts to discover early stage attacks. In the April 2020 MITRE ATT&CK Evaluation, Bitdefender excelled at actionable detections & alerts across every step of the entire attack chain
- Take response actions to close vulnerabilities and eliminate the risk of recurrent attacks.

Bridging the cyber-security skills gap

- Easy-to-follow built-in response workflows enable your team to respond efficiently, limit lateral spread and stop ongoing attacks.
- Threat visualizations focus your investigations, help you understand complex detections, identify the root cause of attacks and maximize your ability to respond directly.
- Automated alert prioritization with one-click resolution capabilities.

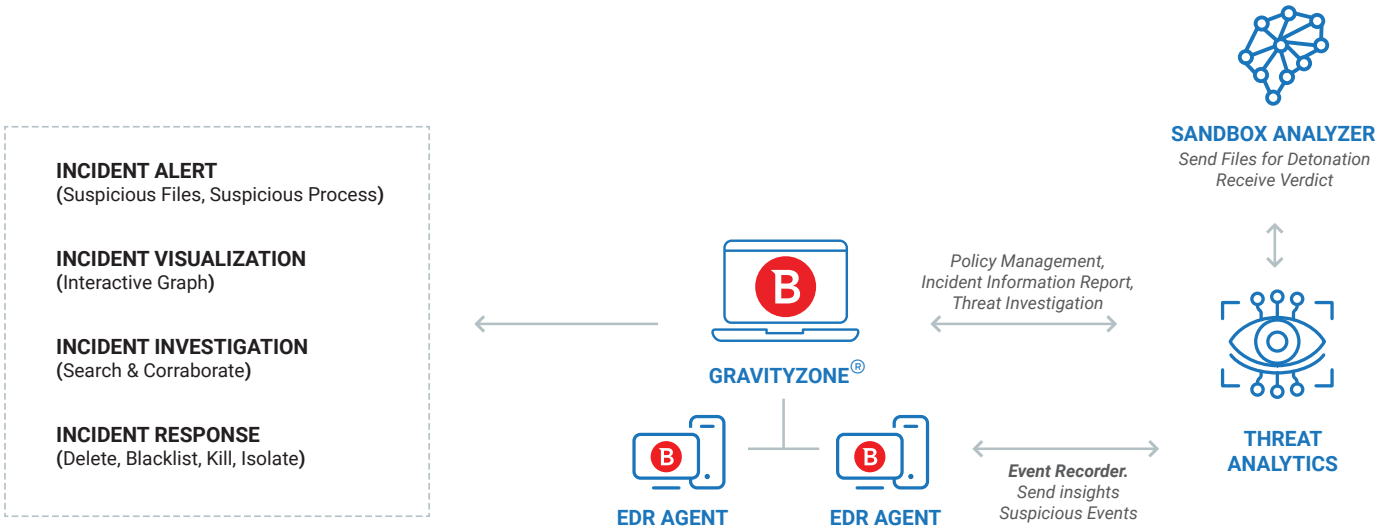
Reducing organizational risk

- EDR continuously analyses your organization using unique capabilities to identify risk across hundreds of factors. It provides clear guidance to assist you in mitigating your user, network and OS risks.

Minimizing operational burden

- Cloud-delivered and low maintenance, EDR is easy-to-deploy and integrate in your existing security architecture and fully compatible with your endpoint antivirus solution.
- The lightweight agent has low disk space, memory, bandwidth and CPU resource overhead.
- Flexible, scalable and upgradeable to the full Bitdefender endpoint protection platform and to managed detection and response (MDR).

How it works



Above: Bitdefender Endpoint Detection and Response

Bitdefender EDR is a cloud-delivered solution built on the Bitdefender GravityZone cloud platform. EDR agents are deployed on your organization's endpoints. Each EDR agent has an event recorder that continuously monitors the endpoint and securely sends insights and suspicious events to the GravityZone cloud.

In Gravity Zone, the Threat Analytics module collects and distils endpoint events into a prioritized list of incidents for additional investigation and response. It sends suspicious files for detonation in the Sandbox Analyzer then uses the sandbox verdict in EDR's incident reports. The EDR real-time dashboard can be accessed from any device to enable administrators to see alerts and visualizations, then investigate and respond effectively to threats.

Bitdefender Endpoint Detection and Response Features

Risk Analytics

Human and Endpoint Risk Analytics

Continuously analyses your organizational risk using hundreds of factors to identify, prioritize and provide guidance on mitigating user, network and endpoint risks.

Detection

Industry-leading threat detection technology

Detects advanced threats including file-less attacks, ransomware and other zero-day threats in real-time. Complements your existing endpoint security solution to strengthen detection.

Threat Analytics

Cloud-based event collector continuously distils endpoint events into a prioritized list of incidents for additional investigation and response.

Event Recorder

Continuous endpoint event monitoring that feeds events to threat analytics to build threat visualizations of the events involved in an attack.

Sandbox Analyzer

Automatically executes suspicious payloads in contained virtual environment. The threat analytics module then uses this analysis to make decisions on suspicious files.

Investigate and Respond

IoC Lookup

Query the events database to uncover threats. Uncover MITRE ATT&CK techniques and indicators of compromise. Up to the minute insight into named threats and other malware that may be involved.

Visualization

Easy-to-understand visual guides, enriched with context and threat intelligence, highlight critical attack paths, easing burdens on IT staff. Helps identify gaps in protection and incident impact to support compliance.

Detonation

Operator-instigated sandbox investigation helps you make informed decisions on suspicious files

Blocklist

Stop the spread of suspicious files or processes detected by EDR to other machines

Process Termination
Instantly terminate suspicious processes to stop potential live breaches

Network Isolation
Block connections to and from endpoint to stop lateral movement and further breaches while investigating incidents

Remote shell
Execute remote commands on any workstation for immediate reaction to ongoing incidents

Reporting and Alerting

Dashboards and Reports
Configurable dashboards and comprehensive instant and scheduled reporting capabilities

Notifications
Configurable dashboard and email notifications

SIEM Integration and API Support
Supports further integration with 3rd party tools

Performance and Management

Optimized EDR agent
Low CPU, RAM, diskspace usage

Web console
Easy-to-use cloud-delivered management

WHY BITDEFENDER?

UNDISPUTED INNOVATION LEADER.

38% of all cybersecurity vendors worldwide integrated at least one Bitdefender technology. Present in 150 countries.

WORLD'S FIRST END-TO-END BREACH AVOIDANCE

The first security solution to unify hardening, prevention, detection and response across endpoint, network and cloud.

#1 RANKED SECURITY. AWARDED ACROSS THE BOARD.

AV comparatives CERTIFIED ATP Enterprise 2019

AV comparatives Product of the Year 2019

FORRESTER WAVE LEADER 2019 Cloud Workload Security

BITDEFENDER GravityZone Ultra v6.6.7.166 ADVANCED ENDPOINT PROTECTION NSS RECOMMENDED

Bitdefender

Founded 2001, Romania
Number of employees 1800+

Headquarters
Enterprise HQ – Santa Clara, CA, United States
Technology HQ – Bucharest, Romania

WORLDWIDE OFFICES
USA & Canada: Ft. Lauderdale, FL | Santa Clara, CA | San Antonio, TX | Toronto, CA
Europe: Copenhagen, DENMARK | Paris, FRANCE | München, GERMANY | Milan, ITALY | Bucharest, Iasi, Cluj, Timisoara, ROMANIA | Barcelona, SPAIN | Dubai, UAE | London, UK | Hague, NETHERLANDS
Australia: Sydney, Melbourne

UNDER THE SIGN OF THE WOLF

A trade of brilliance, data security is an industry where only the clearest view, sharpest mind and deepest insight can win — a game with zero margin of error. Our job is to win every single time, one thousand times out of one thousand, and one million times out of one million.

And we do. We outsmart the industry not only by having the clearest view, the sharpest mind and the deepest insight, but by staying one step ahead of everybody else, be they black hats or fellow security experts. The brilliance of our collective mind is like a **luminous Dragon-Wolf** on your side, powered by engineered intuition, created to guard against all dangers hidden in the arcane intricacies of the digital realm.

This brilliance is our superpower and we put it at the core of all our game-changing products and solutions.

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