

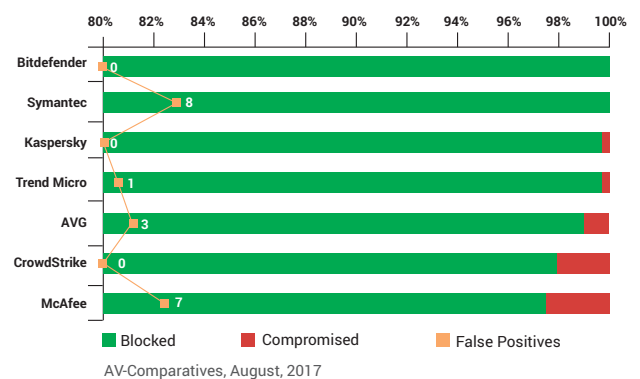
# Bitdefender Antivirus, Antimalware and Cybersecurity

## Keeping Your Business One Step Ahead of Cyber-Threats

Large corporations are not the only business under attack. Small businesses are the preeminent targets for cyber-attacks. 72% of breaches involve companies with under 100 employees. New ransomware and other zero-day attacks constantly manage to elude conventional antivirus/antimalware defenses and cause loss of data, money, or productivity.

Using next-gen layered approach, Bitdefender combines proven machine learning algorithms, advanced behavioral monitoring and hardening of all desktops, laptops and servers to block even the most sophisticated threats.

The impact and efficacy Bitdefender advanced security technologies is proven by major independent security tests. Bitdefender consistently ranks first for detecting the most malicious samples while also generating the fewest false alerts for legitimate applications and thus minimizing interruptions or hassles for the users.



### Highlights

- Prevent ransomware and sophisticated attacks
- Advanced machine learning developed in 8+ years
- Complete cyber-security suite, not just antivirus and antimalware
- Consistently superior detection in independent tests
- Improve productivity and block malicious websites
- Proven smallest impact on user activity

## Key Benefits

### Top ranked protection through innovation and the world's largest security cloud

Bitdefender consistently outperforms all competition in major antivirus/antimalware tests such as AV-Comparatives or AV-Test. Your systems will be connected to the world's largest Security Cloud (with millisecond response times). The Bitdefender Security Cloud utilizes patented machine learning algorithms and artificial intelligence which is constantly learning from trillions of samples provided by a global network of over 500 million computers. Bitdefender security maintains its top rankings because of its ability to predict the progression of threats and allow Bitdefender to adapt its technologies and outsmart attackers. Bitdefender anticipates future threat patterns and detects malicious behavior better than any other security solution, while also generating the fewest false alarms and business disruptions.

### Maximizing security with the smallest possible impact on user activity and system resources

Bitdefender won the annual AV-Test Best Performance Award for Corporate Solutions in 2014, 2015, and 2016, for consistently demonstrating the smallest impact on the resources of the protected systems.

### Not just antivirus, but a layered security suite

In a single security product, Bitdefender provides not just antivirus and antimalware, but also machine learning threat prevention, continuous process behavioral monitoring, content control, web filtering, or device control. This approach ensures comprehensive prevention and detection, all with minimum impact on the protected computers.

### Reporting and Compliance

Protecting sensitive information with comprehensive layers of cybersecurity is essential in order to meet requirements or regulations such as HIPAA, PCI-DSS, or GDPR. Bitdefender provides the reports, alerts and notifications that help you meet requirements and demonstrate regulatory compliance.

### Better employee productivity by restricting access to unwanted applications or websites

Not only can you ensure employees work uninterrupted by slowdowns or false alerts with Bitdefender, but you also can block or restrict employee access to applications and websites that introduce security risks or cause loss of productivity.

## Key Functionality

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

**Advanced Anti-Exploit** 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 more.

**Real-time process monitoring** continually inspects all active processes on your computers. It hunts for suspicious signs or abnormal behavior and takes remediation actions, including process termination, and undoes any changes the process makes. It is highly effective in detecting unknown, advanced malware and attacks.

**Content Control** keeps employees and your systems safe from risky websites by blocking specific sites or even whole categories (gambling etc.) while blocking your employees from reaching innocent looking websites that are hosting malware.

**Application Control** – Maximize employee productivity by restricting application that can be run on work computer (games etc.).

**Device Control** – Threats can come from the outside or the inside an organization. External storage devices (USB sticks, portable hard drives etc.) often introduce malware in the organization or can be used to remove sensitive information from your business. Bitdefender allows you to choose which devices employees will be able to connect to their computers and which devices will be scanned or blocked automatically

**Web Security filtering** enables scanning of incoming emails and web traffic including SSL traffic in real time to prevent downloading of malware. Anti-phishing protection automatically blocks phishing web pages.

**Exchange Security and Antispam** email antimalware with behavioral detection, antiphishing, attachment, content filtering and antispam help keep your employees productive and safe from email threats.

**Full Disk Encryption** - Prevent compromise of confidential data when laptops are stolen and demonstrate compliance with HIPAA, GDPR, or other regulations using Bitdefender Full Disk Encryption.

