Avast Business

Next-gen Endpoint Protection

Avast's next-gen endpoint protection delivers multi-layered security features that proactively detect and identify cyberthreats, including previously unknown malware on individual endpoints. It leverages advanced tools and technologies, such as:

- Cloud information and threat intelligence
- AI and machine learning
- Predictive analytics and behavioral monitoring
- Fileless malware protection

Built for small business needs

Our endpoint protection solutions use next-gen security engines with behavioral monitoring, cloud-based machine-learning, and signature-based detection to help keep SMBs safe online.

Cloud information

With Avast **Cloud Intelligence**, every time a threat is detected in the cloud, protection is deployed across the entire user base.

Cloud-based file scanner **CyberCapture** automatically detects and analyzes files, and uses machine learning and behavior analytics for deeper analysis. If malware is detected, CyberCapture quarantines and helps stop the threat so that it cannot execute and infect the network.

CyberCapture also uses **Cloud Sandboxing** to detect malware that uses encryption to hide its true intentions. Cloud Sandboxing can be used on-demand or automatically.

Machine learning and AI

Avast's advanced artificial intelligence (AI) system uses machine learning to automatically collect and extract data from our entire user base (435M+ devices), then trains each security module to recognize and block threats.

After finding a new malware sample, Avast products are automatically updated with new models, providing crucial, up-to-the-minute protection.

Behavioral monitoring

Behavior Shield for Avast Small Business Security Solutions is an additional layer of active protection. This feature monitors all processes on devices in real-time for suspicious behavior that may indicate the presence of malicious code. It works by detecting and blocking questionable files based on their similarity to other known threats, even if the files have not yet been added to the virus definition database.

File-less malware protection

Behavior Shield and other security components help to prevent fileless attacks coming typically from the internet.

Centralized management console

The **Avast Business Hub** is an integrated management platform for layered security that is delivered entirely through the cloud. It provides centralized administration of security policies, remote endpoints deployment and management, and reporting.