

How Bitdefender protects against the ransomware threat



-  **Detects and blocks every known ransomware family** - detects and blocks every known sample of ransomware from all ransomware families.
-  **Detects unknown types of ransomware** - strong behavioural technology detects even new variants of ransomware threats.
-  **Works on complex behavioural detection** - behaviour detection is necessary to track new variants of ransomware that aren't tracked by signature based detection.
-  **Blocks ransomware with behaviours similar to known ransomware** - using similarity technology, Bitdefender can catch previously unknown ransomware with similar behaviour to known threats.
-  **Uses renowned Active Threat Control technology** - ATC monitoring has been highly effective in detecting unknown malware attacks.
-  **Protects against digitally signed ransomware** - detects and blocks ransomware that is digitally signed.




How it works

Ransomware is polymorphic meaning that each sample is unique and customised for each victim. Bitdefender uses signature-based detection as the first line of defense against ransomware attacks. To maximise detection Bitdefender also signs the 'dropper', a small piece of software that acts as a downloader for the actual ransomware piece. Droppers can be used on multiple devices by the same threat, therefore each new victim targeted by a specific dropper will be fully protected.

Uncovers never-before-seen ransomware

Bitdefender also uses heuristic technology to detect and block new and emerging ransomware threats, which conventional protection wouldn't highlight until a signature or fingerprint has been released.

Bitdefender can detect a total of 2.8 million unique ransomware samples from the last 2 years alone.

-  0870 1999 500
-  enquiries@smoothwall.com
-  www.smoothwall.com



smoothwall
The Web You Want