Carbon Black.

Cb Protection

Application Control and Critical Infrastructure Protection

Cb Protection is an industry-leading application control product, used to lock down servers and critical systems, prevent unwanted changes, and ensure continuous compliance with regulatory mandates. Leveraging cloud reputation services, IT-based trust policies and multiple sources of threat intelligence from the Cb Predictive Security Cloud™ (PSC), Cb Protection ensures that only trusted and approved software is allowed to execute on an organization's critical systems and endpoints. Cb Protection achieved a Security Effectiveness rating of 100.0% in an independent test conducted by NSS Labs in 2017.

Cb Protection combines application whitelisting, file integrity monitoring, full-featured device control and memory/tamper protection into a single agent. Cb Protection watches for behavioral indicators of malicious activity and conducts continuous recording of attack details to provide rich visibility into everything suspicious that attackers attempt to do.

Security teams can harden their new and legacy systems against all unwanted change, simplifying the compliance process and providing the best possible protection for corporate systems at enterprise scale.

**"It was a standout product for us.
The effort required to install and maintain it appeared to be much lower than other products in its class."**

— SIMON TURNER, HEAD OF IS ARCHITECTURE, KORDIA

Use Cases

Lock down critical systems

- **Fixed function devices** - Point-of-sale terminals, ATMs, industrial control systems, medical devices

- **High-risk endpoints** - Corporate desktops, executive laptops

- **Servers** - Domain controllers, email and web application servers, card data environments, financial trading platforms

- **Legacy systems** - Running unsupported operating systems

Benefits

- Stop malware, ransomware and next-gen attacks

- Eliminate unplanned downtime of critical systems

- Consolidate endpoint agents

- Prevent unwanted change to system configuration

- Meet IT risk and audit controls across major regulatory mandates

- Increase efficiency of IT resources with streamlined IT audit processes

- Protect legacy systems running on unsupported operating systems

Cb Protection and the PSC

- Reputation services classify known good software

- Cloud-based threat intelligence identifies advanced threat indicators

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Key Capabilities

Cb Protection is a powerful positive security solution for data centers and critical systems that allows server admins to control change while consolidating agents. Using a 'Default Deny' approach, Cb Protection reduces your attack surface and downtime by automating approval of trusted software and eliminating the burden of whitelist management.
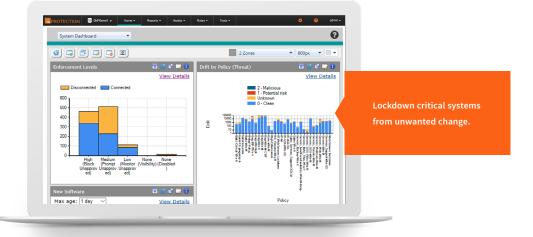
Lock Down Critical Systems

Stop malware and non-malware attacks by preventing unwanted changes to your applications and files, providing you with the control over your environment that you need.

Ensure Continuous Compliance

Accelerate compliance by meeting many of the requirements in regulatory standards and frameworks, such as PCI-DSS, HIPAA/HITECH, SOX, NERC CIP, GDPR and NIST 800-53.

High Performance and Low Touch Application Control

Be confident that your solution is blocking the "bad" and allowing the "good" without interrupting daily operations.

Features

- Application control
- File integrity monitoring and control
- Device control
- Memory protection
- Reputation services
- Open APIs

Platforms

Sensor Support:

- Windows XP, Server, Vista, Embedded, POS
- Mac OS X
- RHEL Linux
- CentOS Linux
- Oracle RHCK Linux

Lockdown critical systems from unwanted change.

About Carbon Black

Carbon Black is a leading provider of next-generation endpoint security. Carbon Black serves more than 3,700 customers globally, including 33 of the Fortune 100. As a cybersecurity innovator, Carbon Black has pioneered multiple endpoint security categories, including application control, endpoint detection and response (EDR), and next-generation antivirus (NGAV). Leveraging its newly introduced big data and analytics cloud platform – the Cb Predictive Security Cloud – Carbon Black solutions enable customers to defend against the most advanced cyber threats, including malware, ransomware, and non-malware attacks. Deployed via the cloud, on premise, or as a managed service, customers use Carbon Black solutions to lock down critical systems, hunt threats, and replace legacy antivirus. For more information, please visit www.carbonblack.com or follow us on Twitter at @CarbonBlack_Inc.

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