

# Cb PROTECTION

## The Most Unbreakable Security for Critical Systems

Security experts including the FBI, the Department of Homeland Security, Gartner and NIST all agree – application control is the best security strategy for critical systems. Cb Protection is the most proven, widely deployed and easiest to manage application control solution available today. It enables organizations to establish automated software controls and protection policies that completely lockdown corporate assets, intellectual property and regulated data.



*Use application control and whitelisting as the cornerstone of your server protection strategy, not signature-based anti-malware."*

— Gartner, How to Devise a Server Protection Strategy

Cb Protection is the strongest security possible for data centers and critical systems allowing server admins to consolidate agents. Using a 'Default Deny' approach, Cb Protection reduces your attack surface and reduces downtime by automating approval of trusted software and eliminating the burden of whitelist management.

LOCKDOWN SYSTEMS

CONTINUOUS COMPLIANCE

HIGH-PERFORMANCE & LOW TOUCH

### LOCK DOWN CRITICAL SYSTEMS

Cb Protection is the only solution that combines application control, file integrity monitoring, device control and memory protection for the strongest system lockdown. This approach stops malware and non-malware attacks by preventing unwanted change. This is effective at stopping all file-based attacks and next-gen attacks that use obfuscated malware, as well as memory-based, and script-based techniques, like PowerShell.

Cb Protection ensures complete critical system protection for new and legacy systems – which are the most vulnerable – even in diverse locations.

### BENEFITS

- Stop attacks by allowing only approved software to run
- Automate software approvals and updates via IT and cloud-driven policies
- Low touch solution: Less than one admin resource required per 10,000 systems protected
- Prevent unwanted change to system configuration at the kernel and user mode levels
- Power device control and file integrity monitoring and control (FIM/FIC) capabilities
- Stops malware and next-gen attacks
- Meet IT risk and audit controls across major regulatory mandates
- Replace inadequate security controls and consolidate endpoint agents
- Streamline regulatory and IT audit processes Increase efficiency of IT resources
- Eliminate unplanned downtime of critical systems
- Protects vulnerable legacy systems

### USE CASES

- Lockdown corporate desktops, laptops
- Point-of-sale terminals
- ATM machines
- Industrial Control Systems (SCADA)
- Medical devices
- Domain controllers
- Financial trading platforms
- Email and web application servers
- VDI environments
- Card data environments (CDE)
- Unsupported systems
- Fixed-function devices

## ENSURE CONTINUOUS COMPLIANCE

Cb Protection helps you achieve compliance against standards required by all major regulatory bodies.

At the core of compliance is the ability to continuously monitor your assets, track and enforce your change-control policies, measure any drift from your desired baseline and the ability to seamlessly audit and report your implemented policies.

With Cb Protection, your organization can enforce the integrity of your deployment configurations, continuously monitor critical-system activity, assess compliance risk and even achieve compliance for end-of-life systems. This helps maintain continuous compliance with numerous regulatory standards and frameworks, such as PCI-DSS, HIPAA/HITECH, SOX, NERC CIP, NIST 800-53, and more.

## HIGH PERFORMANCE AND LOWEST TOUCH APPLICATION CONTROL

The key to effectively locking down systems is the ability to do it easily and at scale. Your security solution should be both high-performance and low touch. You need to be confident that your solution is blocking the "bad" and allowing the "good" to run while not interrupting your day-to-day business operations.

Cb Protection is designed specifically with these objectives in mind - protection and ease of use. Cb Protection utilizes IT and cloud-driven trust for automatic approvals. Software deployed by IT is automatically approved.

Additionally, you have the ability to automatically approve software based on cloud-driven trust. Out-of-the box templates to ease the implementation of heavily-targeted systems such as domain controllers, exchange servers and common application servers. Cb Protection's file detonation allows you to automatically analyze and block any newly arriving, high-risk files on your systems. Integrations with software management systems like IBM BigFix and Microsoft SCCM, ensure the software is easy to deploy and manage.

These features give your organization fast time to value, low-touch management and improved system performance. On average, Cb Protection requires less than one admin per 10,000 systems.

## MARKET-PROVEN ENTERPRISE-GRADE SOLUTION

**Carbon Black is ranked #1 in endpoint prevention by Forrester.** More than 2,200 organizations, including 30 of the Fortune 100, rely on Carbon Black. With over 7 million licenses sold, and more than 75 dedicated MSSPs using CB as part of their security services, Carbon Black's market-leading solution is the top choice to eliminate risk, maximize uptime and exceed regulatory controls.

Call us at **617-393-7400** or email us at [contact@carbonblack.com](mailto:contact@carbonblack.com) for more information or to schedule a demonstration.

## ABOUT CARBON BLACK

Carbon Black is the leading provider of next-generation endpoint security. Carbon Black's Next-Generation Antivirus (NGAV) solution, Cb Defense, leverages breakthrough prevention technology, "Streaming Prevention," to instantly see and stop cyberattacks before they execute. Cb Defense uniquely combines breakthrough prevention with market-leading detection and response into a single, lightweight agent delivered through the cloud. With more than 7 million endpoints under management, Carbon Black has more than 2,500 customers, including 30 of the Fortune 100. These customers use Carbon Black to replace legacy antivirus, lock down critical systems, hunt threats, and protect their endpoints from the most advanced cyberattacks, including non-malware attacks.

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## CUSTOMER SUCCESS STORY

**Industry:** Financial

**Systems:** 50,000

After implementing Cb Protection, one customer went over 33 months with no malware, and reduced management time to less than one approval request per week.

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*Application whitelisting is one of the best security strategies because it allows only specified programs to run while blocking all others.”*

*— FBI & DHS Russian Cyber Activity  
Joint Analysis Report*

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**Cb Ranked #1  
in Prevention by  
Forrester**

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## REQUEST A DEMO:

Contact us today to schedule a demonstration.

[contact@carbonblack.com](mailto:contact@carbonblack.com)

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BLACK**

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