

## OVERVIEW

---

Cb Protection enables security managers to quickly and easily arm physical, virtual or cloud based servers with real-time visibility and proactive, protection against advanced threats.

## HIGHLIGHTS

---

- Prevent advanced persistent threats and zero-day attacks
- Gain real-time visibility into all server activity and log all change controls for compliance and improved incident response
- Monitor software license usage to ensure ELA compliance
- Ensure regulatory compliance with IT-driven centralized security enforcement
- Protect all Windows® and Linux® servers from one console
- Eliminate risk associated with portable storage devices
- Integrate with leading network, SIEM and analytic security platforms
- Trusted by some of the world's largest data center operators to protect

# Data Center Security

## *Protecting Your On-Premises, Cloud and Hybrid Environments*

### The Evolving Data Center Security Landscape

The data center is evolving rapidly; from rigid on-premises, IT-dominated control centers, to elastic software defined environments, which dynamically unite public, private and hybrid clouds to meet changing business demands. Yet while the landscape and structure of the data center has changed dramatically over the last 10 to 15 years, the tools used to protect these business-critical systems have remained largely unchanged.

While the value of data stored on corporate servers has long made data centers prime targets for attack, the introduction of new technologies such as virtualization, big data and hybrid cloud environments, has both greatly expanded the attack surface and sweetened the prize for advanced attackers.

The threat landscape has evolved from nuisance malware to targeted advanced attacks launched by organized, economically driven or state-sponsored actors, traditional Linux and Windows server protection solutions are not only failing to stop some of today's advanced attacks, they are proving increasingly ineffective over time. What's needed is a new, proactive approach to data center security, focused on arming servers against both today's known and tomorrow's unknown attacks.

### Transform Your Data Center with Cb Protection

Cb Protection transforms data center security by offering real-time visibility and control across all virtual and physical environments, easing concerns associated with moving to the cloud. The data center has evolved to deliver many new operational and economic benefits. However, these adaptations introduce a unique challenge: How can protection and security be maintained across virtual, on-premises and cloud environments? Failing to fully secure all of your data center environments opens doors to serious data breaches. Only Cb Protection delivers unmatched prevention across the hybrid data center to reduce your attack surface and stop advanced threats.

## KEY BENEFITS

- Prevent advanced persistent threats and zero-day attacks
- Gain real-time visibility into all server activity and log all change controls for compliance and improved incident response
- Monitor software license usage to ensure ELA compliance
- Ensure regulatory compliance with IT driven centralized security enforcement
- Protect Windows and Linux servers from one console
- Eliminate risk associated with portable storage devices
- Integrate with leading network, SIEM and analytic security platforms
- Peace of mind knowing you're using a product trusted by some world's largest data center operators to protect their systems against advanced attacks

Carbon Black Protection is the only solution optimized to protect all of the critical assets within your physical, virtual and cloud environments, through:

### Complete Visibility

The key to end-to-end data center security is knowing what is running on every system in real time. Only Cb Protection offers complete data center visibility into executables running in all environments, on- or off-network.

### Automated Control

In order to reap the benefits of the evolving data center, your security solution must be built to maintain efficiency. Leverage Cb Protection's powerful automation capabilities to streamline workflows and eliminate attack vectors through an advanced policy and rules engine.

### Multiple Levels of Prevention

Most endpoint security solutions require organizations to adopt a "one size fits all" threat prevention strategy, leaving data center environments under-protected and users frustrated. With Cb Protection, organizations can choose from a suite of prevention strategies within their data

center environments to find the right balance between organizational culture and risk posture.

### Continued Compliance

One of the most significant challenges is maintaining compliance across all different data center environments. Only Cb Protection enables you to exceed compliance and audit requirements across data center environments with the only solution to satisfy the six common controls outlined across the PCI, HIPAA, SOX, NERC and FISMA standards.

### United Defense

When it comes to endpoint security, knowledge is power. Cb Protection easily and seamlessly integrates all endpoint sensor data and threat intelligence feeds with third-party security solutions, including leading antivirus, IT management, network firewall, SIEM and in-house, custom tools across Windows, Mac and Linux machines.

## Summary

As the complexity and number of attacks on corporate data centers have expanded, it's become clear that traditional signature-based solutions are ineffective at stopping advanced attackers on either Windows or Linux machines. Organizations looking to protect corporate data and meet changing regulatory compliance need to adopt solutions that provide realtime visibility and proactive, customizable prevention.

Cb Protection is the industry's leading application control solution and is uniquely positioned to meet the changing needs of today's data centers. With support for Linux, Windows and Mac, and optimized for today's heterogeneous and dynamic data center environments, Cb Protection can help organizations centralize server security policies and ensure continuous protection of all devices, from a single management console. In the face of rising threats, Cb Protection arms your data center with the tools needed to stop today's and tomorrow's advanced threats.

*Carbon Black is the leading provider of a next-generation endpoint-security platform designed to enable organizations to stop the most attacks, see every threat, close security gaps, and evolve their defenses. The Cb Endpoint Security Platform helps organizations of all sizes replace legacy antivirus technology, lock down systems, and arm incident response teams with advanced tools to proactively hunt down threats. Today, Carbon Black has approximately 2,000 worldwide customers, including 25 of the Fortune 100 and more than 650 employees. Carbon Black was voted Best Endpoint Protection by security professionals in the SANS Institute's Best of 2015 Awards.*

## Carbon Black.