Cb Predictive Security Cloud™

Advanced Endpoint Security Platform

The Cb Predictive Security Cloud™ (PSC) platform sits at the heart of Carbon Black's endpoint security solutions and provides advanced intelligence to all Carbon Black® products through big data analytics across hundreds of billions of endpoint events per day.

The PSC platform continuously captures, records and analyzes rich, unfiltered endpoint data. We believe the depth, breadth and real-time nature of our endpoint data, combined with the strength of our analytics platform, provides customers with the most robust and data-driven solution to address the complete endpoint security lifecycle.

Carbon Black's solutions enable customers to predict, prevent, detect, respond to and remediate cyber attacks before they cause a damaging incident or data breach.

Carbon Black offers flexible deployment options that leverage the collective intelligence of the PSC in both cloud-native, single-agent SaaS solutions as well as on-premise solutions for critical infrastructure, high-compliance environments and air-gapped networks.

> **"The IR and threat hunting functionality available via Cb Defense and the Predictive Security Cloud empowers our team to move quickly and conclusively while benefiting from a cloud-based console under a single pane of glass.
> It's a game changer for the team."**

— ERIC SAMUELSON, SENIOR MANAGER OF IT, LITHIUM TECHNOLOGIES

Use Cases

- Replace or augment legacy antivirus software
- Prevent malware and fileless attacks
- Hunt down and remediate threats
- Lock down critical systems and applications
- Protect fixed-function devices
- Secure virtual datacenters

Benefits

- Decreased risk of breach
- Clear insight into root cause of attack
- Quickly respond to security incidents
- Automated remediation and threat containment
- Seamless integration with other security solutions
- Increased security operations efficiency
- Greater ability to meet compliance requirements

Cb Defense · Cb Protection · Cb ThreatSight · Cb Response · Cb Defense for VMware · Cb Predictive Security Cloud™ · COLLECTIVE INTEL

Carbon Black.

Carbon Black Products

The Cb Predictive Security Cloud supports a variety of powerful next-generation endpoint security services, all of which are powered by the collective intelligence generated in the PSC. This collective intelligence is generated from data collected across millions of endpoints under management and enriched with threat intelligence from around the world in real-time.

Cb Defense

Cloud-delivered endpoint security solution that combines next-generation AV and EDR capabilities into a lightweight solution that is fast to deploy and easy to manage.

Cb Defense for VMware®

Extends the protective power of Cb Defense into the software-defined data center (SDDC) through an exclusive integration with VMware AppDefense™ that is optimized for virtual environments.

Cb ThreatSight

Subscription-based monitoring service for Cb Defense that is staffed by a world-class team of security experts who are constantly analyzing the data in the PSC to validate alerts and uncover new threats.

Cb Response

Incident response and threat hunting solution adopted by many of the world's top SOC teams, IR firms, and MSSPs as a core component of their detection and response capability stack.

Cb Protection

Application control and infrastructure protection used to lock down servers and critical systems, prevent unwanted changes, and ensure continuous compliance with regulatory mandates.

What Makes the PSC Unique?

Features

- Converged prevention, detection, and response
- Predictive, real-time threat intelligence based on big data analytics
- Unfiltered endpoint data from millions of endpoints worldwide
- Rapid deployment of new security features and algorithms
- Simplified processes between security and IT operations
- Easy to deploy, configure, and use at enterprise scale
- Open APIs and 120+ out-of-the-box integrations

UNFILTERED DATA COLLECTION	PROPRIETARY DATA-SHAPING	STREAMING ANALYTICS	EXTENSIBLE, OPEN ARCHITECTURE
Powers predictive threat detection	Delivers cost-effective big data analytics	Evaluates threat data in real-time	Integrates with leading security products

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.

Carbon Black.