The Cb Endpoint Security Platform is the most complete endpoint security solution helping upstream, midstream and downstream oil and gas companies replace ineffective antivirus, lock down critical systems, and arm incident response teams to proactively hunt down threats.

Successful cybersecurity attacks in the petroleum industry are drastically on the rise. Exploits of zero-day vulnerabilities in control system devices and software; unauthorized access and exploits of Internet-facing ICS/Supervisory Control and Data Acquisition (SCADA) devices; malware infections within air-gapped control systems networks; lateral movement between networks zones; and targeted spear-phishing campaigns affect both the IT and OT environments, and the endpoint is the target of nearly every attack.

The endpoint is vulnerable. The endpoint is the new perimeter. Traditional tools are useless against advanced, targeted attacks, and do nothing to control change, accelerate response, support regulatory mandates and audit controls. The Cb Endpoint Security Platform stops more attacks, sees more threats, and closes every gap.

STOP THE MOST ATTACKS.  
CLOSE SECURITY GAPS.  
SEE EVERY THREAT.  
EVOLVE YOUR DEFENSES.

BENEFITS
» Stops malware, ransomware, and polymorphic attacks
» Prevents APTs and zero-day attacks
» Controls change to high-risk, systems
» Locks down disconnected devices
» Regulates use of USB ports and removable devices
» Analyzes attack patterns with a full spectrum of behavioral, reputation, AI, and ML capabilities
» Integrates with over 40 security products through open integrations and APIs
» Collects and distributes real-time attack intelligence

USE CASES
» Next-generation antivirus
» Critical systems protection
» End-of-life systems security
» Fixed-function devices
» Application control
» Incident response
» Threat hunting

EVERY ENDPOINT, AT ANY SCALE
» Cloud, On-premise, MSSP
» 100 or 1,000,000 endpoints

SUPPORTED PLATFORMS

Since implementing Carbon Black the organization has seen zero breaches.”
USE CASE

Oil & Gas Company Defends against Ransomware

With a number of other oil and gas companies in the industry being hit by cyberattacks, this organization needed to improve their security posture before it was too late. They knew they were targets but had no visibility into endpoint activity and spent too much time on re-imaging instead of proactive protection.

HOW CARBON BLACK HELPED

Not long after implementation, the organization was targeted by ransomware. Carbon Black protected every machine from the attack. All other devices that were not running Cb Protection were crippled and the hardware had to be replaced, costing the company a significant amount of money. This increased their need to deploy Cb Protection across all systems.

ADDITIONAL VALUE

» Utilizing Carbon Black, the Critical Security Control 2.2 requirement was met.
» A massive reduction in re-imaging machines.

RESULT

Since implementing Carbon Black, the organization has seen zero breaches, has freed up staff and saved a significant amount of money.

CB DEFENSE

Cb Defense uses a combination of endpoint and cloud-based technologies to stop more attacks, see more threats, and close more security gaps than any other lightweight NGAV product. Its deep analytics approach inspects files and identifies malicious behavior to block both malware and increasingly common malware-less attacks that exploit memory and scripting languages using a full spectrum of behavioral, reputation, artificial, and machine learning capabilities. Unlike other lightweight prevention tools, Cb Defense provides visibility into blocked attacks to show what happened and what was impacted, simplifying remediation through a single pane of glass and making it possible to quickly contain and clean up attack artifacts.

CB RESPONSE

Cb Response is the market-leading incident response and threat hunting solution. Only Cb Response continuously records and centralizes all endpoint activity, giving Incident Responders, SOC analysts, and MSSPs the real-time information they need to understand exactly how attackers are targeting their organization, identify root cause, hunt anomalous behavior, and isolate threats. The zero-gap endpoint visibility and complete attack chain visualization capabilities unique to Cb Response streamline alert validation, accelerate investigations, reduce dwell time, eliminate unnecessary reimaging, and limit IT involvement in the security lifecycle process.

CB PROTECTION

Cb Protection is the market-leading application control solution. With Cb Protection, IT, compliance, infrastructure, and security teams establish automated software execution controls and protection policies that safeguard corporate and customer data. Cb Protection works with existing software distribution systems and reputation services to automate approval of trusted software and eliminate whitelisted management. This level of control means a greatly reduced attack surface for highly-sensitive and targeted systems – such as desktops, laptops, servers, distributed control systems, remote PLCs, and HMIs– to eliminate system downtime from malware and ensure regulatory compliance.

ABOUT CARBON BLACK

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.

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