Solution Brief

Cyber Observer and SecurityScorecard Integration
Unified Continuous Risk Posture Management

Challenge

Today’s challenging cybersecurity landscape offers an over-abundance of cybersecurity tools. As the number of breaches proliferates, so have the solutions and technologies designed to stop them. The state of cybersecurity is not getting easier to manage, despite enterprises and organizations worldwide spending more money than ever on new technologies and solutions.

Designed for CISOs and senior InfoSec managers (such as CIOs, C-level managers, risk officers, SOC managers and IT Infrastructure personnel), Cyber Observer empowers leadership with a unified dashboard of their entire cybersecurity ecosystem. Cyber Observer can be fully deployed within an enterprise in a few hours, enabling easy identification of weaknesses, reduction of mean-time-to-detect (MTTD), prevention of breaches, and advancement of your organization’s cybersecurity posture and maturity.

Solution

Cyber Observer’s partnership with SecurityScorecard enables CISOs to better manage their cybersecurity ecosystem. They receive alerts from Cyber Observer on the key aspects and issues in SecurityScorecard such as configuration, incident and investigation management, password policies, user and role administration and more. This joint effort helps enterprises manage their cybersecurity environment and continuously monitor their cybersecurity ecosystem posture.
The integration between Cyber Observer and SecurityScorecard offers CxOs powerful and effective resilience visibility along with compliance validation and controls, to secure and monitor SecurityScorecard in an unprecedented manner.

Cyber Observer deploys to the corporate network automatically, in a matter of a few hours, predefined with security domains and CSC measurements to deliver three unique cybersecurity ecosystem views:

- First, it provides organizations with the best indicators of the cybersecurity tools that may be misconfigured, malfunctioning, or missing and should be added to provide complete cybersecurity protection.
- It then reveals the security gaps that exist in each security domain and delivers continuous proactive recommendations to close these gaps.
- Finally, Cyber Observer’s machine learning analytics engine continuously calculates online measurements that represent normal behavior, and then alerts when a deviation from normal behavior is detected.

Fast and Secure Deployment

The Cyber Observer connector for SecurityScorecard receives security and configuration data from the SecurityScorecard via a secure REST API.
Key Features & Benefits of This Integration

- **Cyber Hygiene Analysis and Reporting for Managers:**
  Alerts and reporting regarding SecurityScorecard current configuration implementation status based on vendors’ and security standards best-practices, including security configuration issues, incidents and investigations management, admins and roles administration, and more.

- **Reduced Incident Analysis Time:**
  Cyber Observer provides continuous alerts on deviation from normal behavior in terms of SecurityScorecard implementation and effectiveness as well as continuous monitoring of relevant security issues in near real-time.

- **Continuous Incident Response:**
  Provides the CISO and other relevant managers in the organization, as well as the SecurityScorecard technical owners with continuous mitigation recommendations and steps to improve, for securing and monitoring SecurityScorecard implementation, effectiveness, maturity and resilience from a management perspective in an unprecedented manner.

- **Customizable Views and Reports**
  Cyber Observer is highly customizable – all views and reports could be modified to the organization’s needs and structure. The integration between Cyber Observer and SecurityScorecard offers CxOs powerful effectiveness and resilience visibility, as well as compliance validation and controls.

Key Use Cases

1. **Immediate alerts and detailed information on high severity configuration issues**
   - Number of High severity insecure Network Security Issues
   - High severity insecure DNS Health Issues
   - High severity insecure Patching Cadence Issues
   - High severity insecure Endpoint Security Issues
   - High severity insecure IP reputation Issues
   - High severity insecure Application security Issues

2. **Immediate alerts and detailed information on high severity security issues**
   - Number of High severity insecure Hacker Chatter Issues
   - High severity insecure Information leakage Issues
   - High severity insecure Social Engineering Issues
   - Number of companies whose score has deteriorated
   - Number of companies score is between 81 - 99
   - High severity insecure Cubit Score Issues

3. **Detailed information on operational issues and users and roles management**
   - Number of users with Access Level Administrator
   - Number of users with Access Level Guest
   - License usage is full, company slots 100% used
   - Admin user is not provided
   - Number of portfolios with more than X number of companies
   - Number of portfolios with less than X number of companies
   - Number of users with Access Level Use

About SecurityScorecard

SecurityScorecard Inc. is a global leader in cybersecurity ratings and the only service with over a million companies continuously rated. Founded in 2013 by security and risk experts Dr. Alex Yampolskiy and Sam Kassoumeh, SecurityScorecard’s patented rating technology is used by over 1,000 organizations for self-monitoring, third-party risk management, board reporting, and cyber insurance underwriting; making all organizations more resilient by allowing them to easily find and fix cybersecurity risks across their externally facing digital footprint. SecurityScorecard is the only provider of instant risk ratings that automatically map to vendor cybersecurity questionnaire responses - providing a true 360-degree view of risk.

About Cyber Observer

Cyber Observer is the premier critical controls monitoring (CCM) solution that simplifies the way cybersecurity tools are monitored and managed. Cyber Observer integrates hundreds of popular cybersecurity tools into a single intuitive interface that enables security and risk management executives to continuously monitor their security tools and improve their cybersecurity posture in alignment with cybersecurity, business, and regulatory frameworks. Learn more at cyber-observer.com.