STELLAR CYBER®

DATA SHEET

Stellar Cyber **MITRE ATT&CK Aligned Coverage Analyzer**

Turn Visibility into Strategy. Map, Measure, and Maximize Your Detection Coverage.

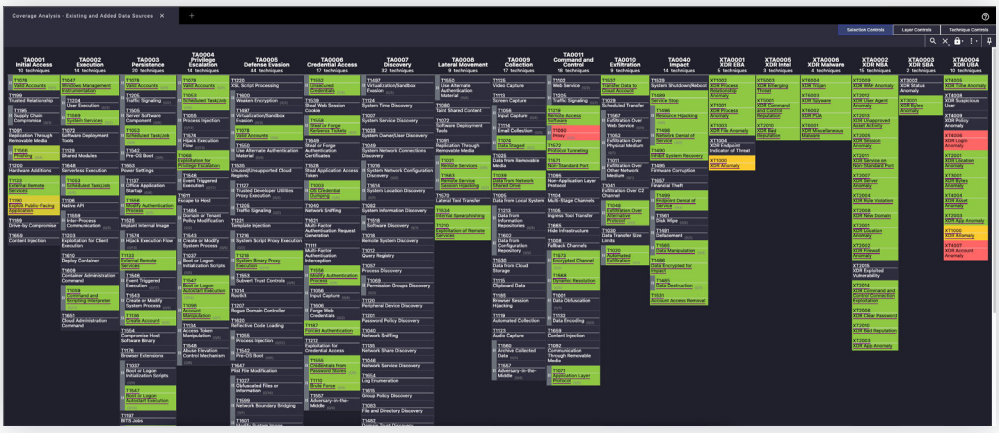
Overview

The MITRE ATT&CK Aligned Coverage Analyzer from Stellar Cyber is a purpose-built, web-based solution that helps organizations measure and optimize how well their detection strategies align with the MITRE ATT&CK framework. Designed for cybersecurity teams, CISOs, MSSPs, and compliance officers, this tool brings transparency and actionable insights into detection posture across all data sources—giving users a clear view of how well their defenses perform against real-world adversary tactics and techniques.

Why It Matters

In today's evolving threat landscape, it's not enough to simply have tools in place—you need to know how effective those tools really are. The Coverage Analyzer helps security teams move beyond gut feeling and toward precision measurement. Whether you're defending a smart factory, scaling an MSSP offering, or validating SOC investments, this tool empowers you to quantify and communicate your detection effectiveness—clearly, credibly, and continuously.

As cybersecurity professionals face pressure to justify technology spend, reduce risk exposure, and ensure regulatory alignment, this analyzer provides the evidence needed to make smart, confident decisions. It transforms abstract framework coverage into tangible metrics that can inform SOC planning, support cyber insurance reviews, and strengthen client trust.



Use Cases

Coverage Validation and Gap Identification
Pinpoint gaps in your threat detection capability across MITRE ATT&CK tactics and techniques, broken down by data source and alert type. Visualize areas where coverage is strong, weak, or entirely missing.

Optimizing Telemetry Strategy
Model how adding or removing data sources—such as EDR, NDR, identity logs, or SIEM inputs—affects overall detection coverage. Simulate the return on investment of each new sensor, tool, or platform before committing resources.

Cyber Insurance and Risk Reporting
Create clear, defensible documentation of your detection program's strength and maturity. Useful for policy underwriting, security questionnaires, and board-level risk reporting.

Multi-Tenant MSSP Management
For MSSPs, analyze ATT&CK-aligned detection metrics across your client base in a single dashboard. Quickly identify which clients need enrichment, triage improvement, or rebalanced coverage.

Deployment

Flexible Deployment Options
Includes a fully contained Docker Compose version for customers operating in restricted environments, enabling localized installation and use behind VPNs or proxies.

Multi-Tenant Aware
Supports selection and analysis of different tenants or clients from a shared MSSP instance, with configurable alert time windows and scope.

Core Capabilities

Real-Time Detection Coverage Mapping
Dynamically maps alerts and data sources to specific MITRE ATT&CK tactics and techniques. Delivers instant visual feedback on your coverage footprint.

Simulated Architecture Changes
Add or remove specific data sources to model how your detection posture improves or weakens. Helps SOC leaders and architects prioritize next investments.

Custom and System Alert Inclusion
Tracks both native Stellar detections and user-created or custom alerts, helping teams understand how well their tuning efforts align with adversary techniques.

Quantitative Metrics for Decision-Making
Provides detailed, percent-based breakdowns of coverage—by tactic, technique, and category—so teams can make data-driven improvements.

Built-in Recommendations Engine
Intelligent suggestions show which additional data sources or alert types will yield the greatest coverage improvement per cost or complexity added.

Visual Interface & Navigation

ATT&CK Navigator Visualization
Integration with the MITRE ATT&CK Navigator for interactive visual exploration of detection coverage and deep analysis.

Interactive Tables and Filters
Includes sortable, filterable tables showing each tactic, technique, and detection source. Enables teams to drill down into exactly what's covered, by whom, and how.

Color-Coded Differentiation
Distinguishes between coverage already achieved and coverage added through simulation. Clearly shows how each data source contributes to overall coverage.

Toggle Between Views
Switch between Stellar Cyber-specific coverage (alerts from within the platform) and a generalized MITRE ATT&CK view to see full theoretical potential.

Reporting & Export

Comprehensive Multi-Format Reporting
Download detailed ZIP reports with multiple export types:

- MITRE Navigator layer files (JSON)
- Excel spreadsheets
- CSV tables with metrics and recommendations

Rich Metadata for Analysis or Integration
Reports include detailed breakdowns of tactics, techniques, alert types, data source mappings, and coverage deltas—ideal for importing into other tools or visualizations.

Board and Compliance Ready
Exportable summaries are suitable for CISO-level reporting, vendor security questionnaires, or evidence for compliance with frameworks like NIST CSF, IEC 62443, or ISO 27001.

Performance & Enhancements

High-Performance Architecture
Fully reengineered for enhanced speed and responsiveness. Handles larger datasets and broader analysis windows with ease.

Backward-Compatible Experience
Maintains a familiar user experience from previous versions while introducing expanded functionality and improved UI performance.

Scales with You
Equally effective for enterprises managing a single environment or MSSPs managing dozens of tenants. Built to support dynamic environments and hybrid deployments.

By shining a bright light on the darkest corners of security operations, Stellar Cyber empowers organizations to see incoming attacks, know how to fight them, and act decisively – protecting what matters most. Stellar Cyber's award-winning open security operations platform includes NG SIEM, NDR, Open XDR, and Multi-Layer AI™ under one license. With almost 1/3 of the top 250 MSSPs and over 14,000 customers worldwide, Stellar Cyber is one of the most trusted leaders in security operations. Learn more at https://stellarcyber.ai/.