



ArxNimbus

ThrivacaUNIFY™

PRODUCT SUMMARY



WHAT IS ThrivacaUNIFY™?

ArxNimbus ThrivacaUNIFY™ is the only actuarial Continuous Threat Exposure Management (CTEM) platform that converts fragmented cybersecurity telemetry into defensible financial exposure metrics—powered by the patented Thrivaca actuarial AI engine.

UNIFY translates infrastructure vulnerabilities, software supply chain risk, and AI exposure into auditable, NIST-aligned financial metrics that executives, boards, and security leaders can govern and act on.

Not another aggregation dashboard. Not another scoring model.

UNIFY delivers a single, actuarial system of record for enterprise exposure—expressed in dollars, not signals.

Connect technical threat intelligence → business impact
→ EBITDA performance



Achieve 1-3% EBITDA improvement via a substantial reduction in cybersecurity exposure.

Machine-to-Machine Translation Normalizes fragmented data across 50+ platforms onto one actuarial-grade standard.

Machine-to-Human Translation Converts technical data into dollarized, board-ready metrics executives can trust.

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ThrivacaUNIFY™

Achieve 1-3% EBITDA improvement via substantial reduction in cybersecurity exposure.

Unified Threat Exposure Metric Delivers one consistent view of enterprise cyber exposure—current and projected after controls.

Financial Clarity & ROI Proof Quantifies the return on every security dollar and validates control investments.

SECURITY DATA IS EVERYWHERE. FINANCIAL EXPOSURE IS NOWHERE.

UNIFY CHANGES THAT.

Organizations invest billions in cybersecurity tools—yet still cannot answer the Board’s most basic question:
“How much EBITDA is at risk—and where?”

PROBLEM	UNIFY SOLVES
<p>Fragmented Security Telemetry:</p> <ul style="list-style-type: none"> 50+ security tools generate signals that don’t align or normalize. Teams drown in alerts but lack a unified view of enterprise exposure. 	<p>Machine-to-Machine Translation Unifies fragmented tool data into a single actuarial exposure model</p>
<p>Legacy Scoring & Subjective Risk Models:</p> <ul style="list-style-type: none"> CVSS, FAIR, and qualitative scoring rely on inconsistent assumptions and opinion-based prioritization. No defensible financial measurement. 	<p>Actuarial Financial Quantification Replaces subjective scoring with probability-based exposure in financial terms, grounded in insurance-grade analytics.</p>
<p>Action Without Financial Context:</p> <ul style="list-style-type: none"> Remediation driven by severity—not business impact No link to financial outcomes 	<p>Machine-to-Human Translation Expresses exposure in dollars executives can govern and fund</p>

THE TOOL SPRAWL PARADOX

- Enterprises run 50+ cybersecurity tools—without a unified exposure metric
- Global cybersecurity spend exceeds \$200B annually

Yet financial exposure remains unmeasured

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PROBLEM	UNIFY SOLVES
<p>Tool-Centric Visibility Gaps Dashboards show activity—not enterprise exposure in financial terms.</p>	<p>Unified Threat Exposure Metric Delivers a single, consistent view of current and projected exposure—expressed in financial terms.</p>

UNIFIED THREAT EXPOSURE METRIC

A single actuarial measure of enterprise exposure—replacing fragmented dashboards with financial truth.

Without actuarial quantification, cybersecurity remains operational noise—not measurable financial risk. Boards make capital decisions without defensible financial exposure.

UNIFY closes the gap between security operations and financial governance.

CONTINUOUS EXPOSURE VISIBILITY – QUANTIFIED IN FINANCIAL TERMS.

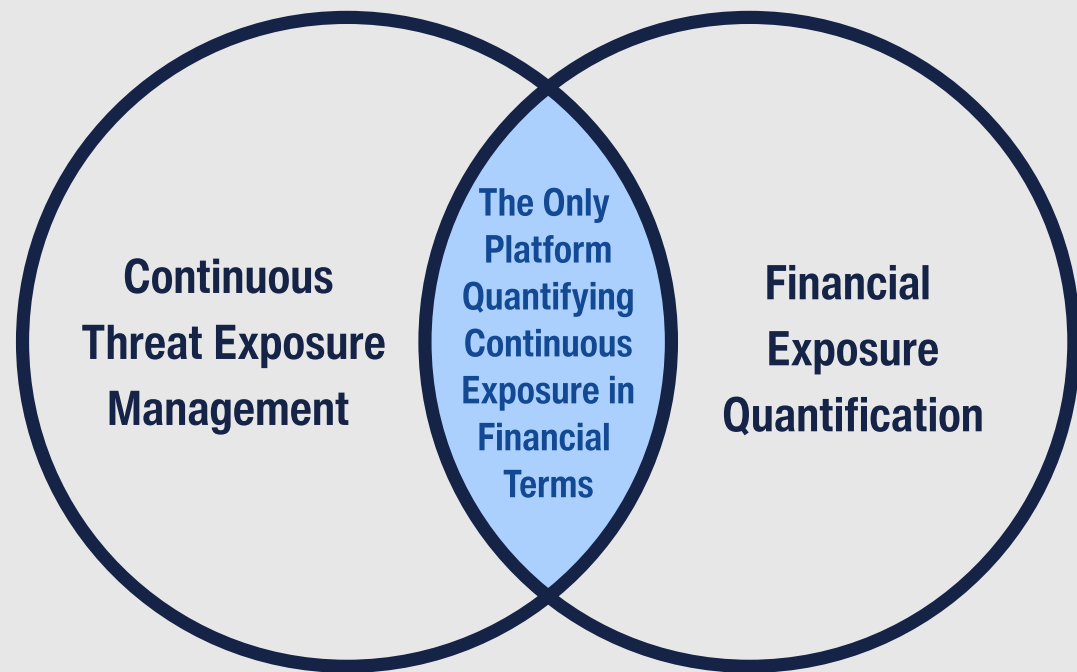
ThrivacaUNIFY™ applies the Thrivaca actuarial engine to continuously quantify enterprise exposure across infrastructure, software, and AI.

Component 1: Continuous Threat Exposure Management

- Normalizes telemetry across 50+ security platforms
- Unifies exposure across infrastructure, software, and AI
- Continuously monitors and trends exposure over time
- Prioritizes remediation based on financial impact

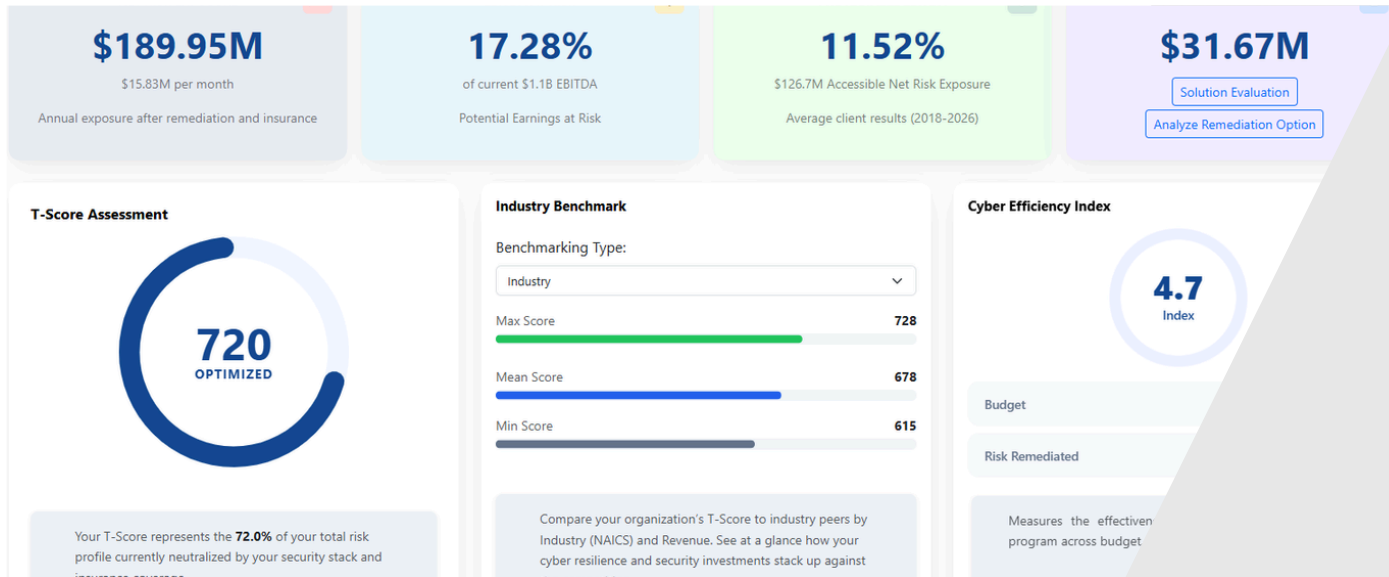
Component 2: Financial Exposure Quantification

- Actuarial-grade exposure expressed in financial terms
- Current and projected exposure after controls
- ROI validation for every remediation decision
- EBITDA impact executives can govern



One Actuarial Engine. Insurance-Grade Rigor.

ThrivacaUNIFY™ applies the engine to continuously quantify enterprise exposure—delivering real-time financial visibility across the organization.



UNIFY CORE CAPABILITIES.

- EXPOSURE TRANSLATION ENGINE
- FINANCIAL EXPOSURE QUANTIFICATION
- SOFTWARE & AI LINEAGE INTELLIGENCE
- CONTINUOUS ASSURANCE MONITORING
- IMPACT-DRIVEN PRIORITIZATION
- ENTERPRISE INTEGRATION FABRIC

UNIFIED THREAT EXPOSURE METRIC

FUNCTION	WHAT IT DOES	WHY IT MATTERS
Data Normalization <i>(Machine-to-Machine)</i>	Automatically connects via APIs (Qualys, Wiz, CrowdStrike, etc.) to unify CVEs, assets, and severity data into one canonical schema using a scalable knowledge graph architecture.	Removes inconsistency and eliminates manual reconciliation across siloed tools. Creates single source of truth.
Financial Quantification <i>(Machine-to-Human)</i>	Converts normalized data into dollarized, NIST-aligned financial exposure models using actuarial science refined over 300+ years.	Turns technical risk into business-ready metrics for CFOs, CISOs, and Boards with two defensible numbers, trends analysis and benchmarking.
Software Supply Chain Visibility	Automated SBOM generation, proprietary RBOM tracking across dev/QA/staging/production, CISA KEV scoring, and continuous monitoring of software components.	Meets regulatory SBOM requirements while providing unique operational assurance. No other platform offers RBOM.
AI Operational Assurance	Most comprehensive AIBOM tracking dataset, algorithm, pipeline, queries, and results. Developed in partnership with CISA for emerging AI governance standards.	Future-proofs AI governance with regulatory validation. Quantifies AI model risks in financial terms.

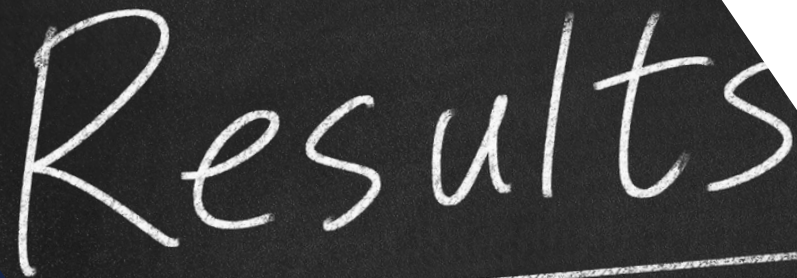
UNIFIED THREAT EXPOSURE METRIC

FUNCTION	WHAT IT DOES	WHY IT MATTERS
Operational Assurance	Real-time continuous monitoring with deviation detection, configuration drift alerts, and "Left of Boom" mitigation across multi-cloud and hybrid environments.	Proactively identifies issues before production deployment. Automates remediation prioritization based on financial impact.
Integration-First Design	Works with your existing tools—no replacement required. Integrates via APIs with 50+ security platforms and scales to 600,000+ endpoints.	Increases ROI of prior security investments by making all tools more valuable through translation.

Together, these capabilities replace tool noise with financial clarity— transforming cybersecurity from operational activity into measurable business governance.

KEY OUTCOMES WITH ThrivacaUNIFY

1-3% EBITDA IMPROVEMENT



Results



Board-Ready Clarity

Translates risk into financial language that executives understand. Satisfies regulators, insurers, and investors.



Quantified Exposure Intelligence

Two defensible numbers—*current financial exposure and projected exposure after controls*—using actuarial-grade models.



Actionable Prioritization

Empowers teams to focus remediation where it delivers maximum financial impact with automated prioritization.

KEY OUTCOMES WITH ThrivacaUNIFY

1-3% EBITDA IMPROVEMENT

Results



Operational Assurance

Auditable, traceable view of digital risk with continuous monitoring and "Left of Boom" mitigation across complete SDLC.



Unified Visibility

One consistent risk exposure view across infrastructure, software supply chains, and AI models.



Financial Results

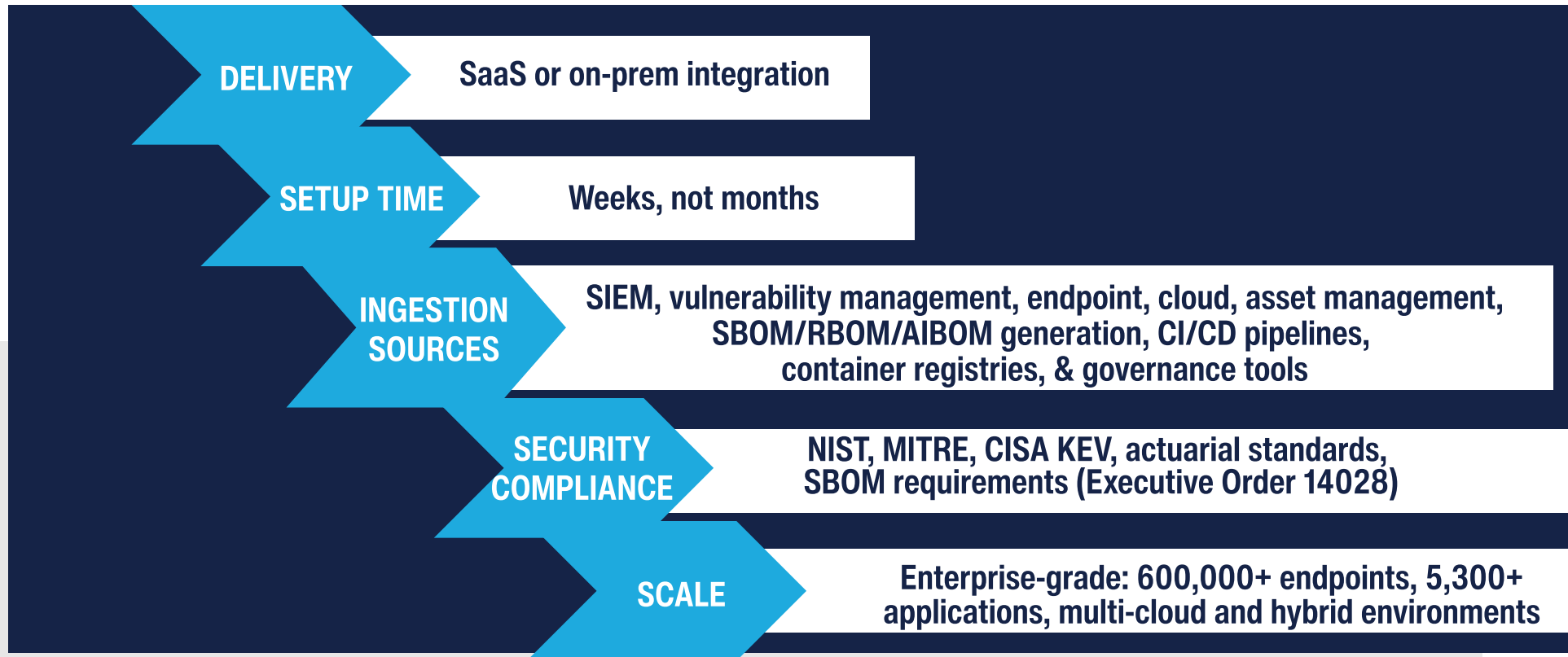
Customers achieve cost takeout at a baseline of 2-3% incremental EBITDA contribution from eliminating unfunded liabilities.

Thrivaca UNIFY IDEAL FOR...

- Enterprises requiring board-level cybersecurity financial reporting
- Organizations seeking measurable ROI on security investment
- Teams needing unified visibility across infrastructure, software, and AI exposure
- Leaders accountable for defensible risk governance



Thrivaca**UNIFY** DEPLOYMENT SNAPSHOT

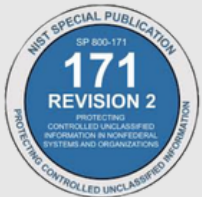


Organizations often uncover unquantified exposure exceeding 25% of EBITDA.

Clients typically achieve 1–3% EBITDA improvement through exposure reduction.



MITRE | ATT&CK®



Recognized by Gartner, Momentum Cyber, and leading academic institutions for innovation in cyber and AI risk.





ArxNimbus was built on a simple idea: AI + actuarial modeling is the most reliable way to measure exposure in financial terms. Since 2016, we've used AI to normalize fragmented security data—and actuarial science to quantify its financial impact. The result is a continuous, defensible system of record for enterprise exposure.

Built in collaboration with leaders across national security, academia, and industry—including MITRE, the University of Chicago, and the U.S. Department of Defense—the Thrivaca™ engine reflects how risk is actually modeled and validated in the real world.

Thrivaca UNIFY™ applies that engine to continuously quantify enterprise exposure—bringing insurer-grade financial rigor to cybersecurity operations, prioritization, and executive decision-making.

Nine years of AI. Not nine months.

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