



ThrivacaUNIFY™

PRODUCT SUMMARY

ThrivacaUNIFY™

THE UNIFIED CYBERSECURITY PLATFORM

ArxNimbus ThrivacaUNIFY™ redefines Continuous Threat Exposure Management (CTEM) by delivering both operational excellence and measurable business outcomes—organizations achieve **1-3% EBITDA improvement via substantial reduction in cybersecurity exposure.**

As the only CTEM solution utilizing proper actuarial and financial metrics for quantitative risk analysis (ACRQ),

ThrivacaUNIFY™ equips your organization with DoD-grade threat pattern analysis and exposure intelligence, surpassing the depth and fidelity of existing signal intelligence systems. Through auditable, NIST-approved dual translation, machine-to-machine normalization across your security tools and machine-to-human financial quantification using 300+ years of actuarial science. We solve the observability and prioritization gaps that plague traditional exposure management platforms.



KEY OUTCOMES

Board-Ready Clarity	Translates risk into financial language executives understand. Satisfies regulators, insurers, and investors applied to 580 Industries and Fortune 500 companies
Quantified Intelligence	Two defensible numbers— “Current Financial Exposure” and “Projected Exposure after Controls” that are obtained using actuarial-grade models.
Actionable Prioritization	Empowers teams to focus remediation where it delivers maximum financial impact with automated prioritization with NIST approved remediation plan.
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 1-3% incremental EBITDA contribution from eliminating unfunded liabilities.
Industry Benchmark	Cybersecurity metrics against comparable peer from a quarterly updated library of 4000+ public companies

CORE CAPABILITIES

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.

IDEAL FOR

Enterprises seeking measurable ROI for board-requested cybersecurity metrics, cybersecurity investments, improved C-Suite communication, and actuarial-grade risk reporting that satisfies regulators, insurers, and investors. Organizations requiring comprehensive visibility across infrastructure vulnerabilities, software supply chains (SBOM/RBOM), and AI models (AIBOM) with financial quantification for strategic decision-making.

DEPLOYMENT SNAPSHOT

Delivery	SaaS or on-prem integration
Setup Time	Weeks, not months
Data Sources	SIEM, vulnerability management, endpoint, cloud, asset management, SBOM/RBOM/AIBOM generation, CI/CD pipelines, container registries, and governance tools
Security Compliance	NIST, MITRE, CISA KEY, actuarial standards, SBOM requirements (Executive Order 14028)
Scale	Enterprise-grade: 600,000+ endpoints, 5,300+ applications, multi-cloud and hybrid environments

ABOUT ARXNIMBUS — SECURE THE BUSINESS

ArxNimbus eliminates the illusion of security by creating the common language of cyber risk. Built with collaboration from U.S. Strategic Command, MITRE Corp, and the University of Chicago, our ThrivacaUNIFY™ technology powers the only NIST-based actuarial risk platform purpose-built for today's complex enterprise ecosystems.

Through dual translation—machine-to-machine normalization and machine-to-human financial quantification—we deliver comprehensive cyber assurance from infrastructure to software supply chains to AI models.



KEY DIFFERENTIATORS

- Core Solution Integration**
Interactive API integration for CVE and asset status from most common solutions including Splunk, Wiz, Qualys, ServiceNow, Rapid7, Tenable, Fortinet, SentinelOne, Check Point, Snowflake, Databricks, Armit, Snyk, Zscaler, and CrowdStrike
- Historical Insurance-Grade Data**
Insurance-industry data derived from tens of thousands of breach data records globally. Over 38,000 complete risk studies across 580 industries. AI-driven actuarial pattern analysis establishing cross-correlation and even backtesting
- World-Class Methodology**
Actuarial and Economic analysis developed jointly with University of Chicago, FSA actuaries, MITRE Corporation and NIST. Traceable, auditable methodologies using the most widely accepted cybersecurity principles recognized by regulators
- Vulnerabilities + Threats = Exposure**
Comprehensive mapping of over 47,000 threat/vulnerability pairs to properly simulate interaction of the organization's actual conditions, then provide the platform for simulation of M&A, process change and other conditions using AI digital twin technology for real-world financial exposure forecasting

