

ArxNimbus Unveils Thrivaca 8.0: Harnessing Digital Twin Technology to Revolutionize Cyber Risk Management for Enterprises, Private Equity, and OEMs

[Chicago 2024] — ArxNimbus, the leading innovator in financially-driven cyber risk quantification with its patented Thrivaca™ platform, proudly announces the release of **Thrivaca™ 8.0**. This latest version introduces groundbreaking advancements tailored to the unique needs of enterprise cyber insurers, private equity portfolios, and OEMs, making cyber risk management more precise, predictive, and actionable than ever before.

Key Updates in Thrivaca 8.0 Include:

- **Digital Twin Technology for Enterprise Risk Scenarios:**

Now, organizations can simulate over 30 "what-if" scenarios, including solution implementations, threat surface changes, and evolving business conditions—all without affecting live systems. This capability allows businesses to anticipate risks, evaluate outcomes, and make informed decisions with minimal disruption.

- **Private Equity Portfolio Risk Optimization:**

PE firms can now generate comprehensive, industry-specific risk profiles across their portfolios, forecasting financial outcomes, optimizing cyber budgets, and identifying cost takeout opportunities. This allows for more strategic decision-making at both the firm and portfolio company levels.

- **OEM Validation and Control Uplift:**

Using composite results from independent analyses and customer data, OEMs

can now provide precise before-and-after risk assessments. This feature helps security professionals demonstrate the tangible value of their solutions, securing management buy-in for the most cost-effective and high-impact cybersecurity strategies.

"Seeing is believing," said Andrew Patterson, ArxNimbus COO. **"Our new features not only bring cost savings but also help organizations eradicate risks before they materialize. We love seeing the moment when our clients realize the potential of Thrivaca 8.0 in action."**

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About ArxNimbus

Founded in 2016, ArxNimbus set out to revolutionize cybersecurity by applying actuarial quantitative risk management to digital risk exposure for organizations of all sizes. Backed by the sponsorship of US Strategic Command, ArxNimbus developed the patented Thrivaca™ Risk Profile—the only NIST-approved solution for generating a financial rendering of comprehensive cyber risk exposure. With Thrivaca, organizations can enhance their existing risk management strategies, recover costs, reduce unfunded liabilities, tackle tech debt, and minimize litigation risks—all while securing vital management support for cybersecurity investments. Trusted by enterprises and cyber insurers alike, ArxNimbus delivers accurate, actionable insights, verified by researchers, actuaries, and economists. Recognized as a veteran-owned, Gartner Peer Insights Cool Company and honored by Pepperdine University as a Most Fundable Company, ArxNimbus is also celebrated as one of the top cybersecurity innovators by Momentum Partners' Cyberscape.

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