



Thrico™ Scoring (TPM)

The Mathematics of Cybersecurity

<https://www.nacdonline.org/Store/ProductDetail.cfm?ItemNumber=10687>

Based on a proprietary algorithm reflecting actual attack probabilities, Thrivaca's mathematical model profiles the effects of cybersecurity risk using actual vulnerabilities, financials, and exposure. Now third-party cybersecurity risk can be identified at its source. The degree and relative level of cybersecurity risk is quantified via the Thrico™ score - enabling transparency and oversight for vendor cyber risk evaluations for the first time.



Telephone: 888 422-6584



Key Questions to Ask

- How do I gain actual knowledge of cybersecurity risks across suppliers, vendors and trading partners?
- How do I get a complete picture of the risk exposure of these third parties, not just based on a superficial external scan?
- How do I obtain a realistic picture of risks from these external parties, that can allow me to make wise choices on my own protection, not just to satisfy compliance requirements?
- How do I make certain my third-party cyber risk scoring will stand up to legal scrutiny and regulator expectations?
- How do we gain common direction and agreement among senior management to confidently support a well-targeted cybersecurity program

Thrivaca focuses on the third-party's comprehensive cybersecurity status and quantitatively analyzes this data against an insurance-grade core algorithm to answer these and other key questions.

The American Bar Association says:

"Risk assessments can inform decision-makers and support the risk management process by identifying: (i) relevant threats to the organization or threats directed through third party entities; (ii) vulnerabilities both internal and external to the organization; (iii) the impact (i.e., harm) to the organization and individuals that may occur given the potential for threats exploiting vulnerabilities; and (iv) likelihood that harm will occur."

https://www.americanbar.org/publications/blt/2016/11/cyber_center.html

About Arx Nimbus

Arx Nimbus radically advances how companies understand and optimize their cybersecurity program. Our passion is to bring real, actionable knowledge of cybersecurity risk to enterprise, investors, advisors and insurers worldwide. Thrivaca was designed using fact-based, mathematically modelled analyses of the cybersecurity landscape. Arx Nimbus applies the Thrivaca platform to model and evaluate the effects of Capabilities, Threats and Vulnerabilities on Risk.

Leaders seldom know how to anticipate and evaluate the impact of undefined cyber risk. Bridging this gap, Thrivaca uses threat analysis, automated scanning, regulatory standards, vulnerability data and probability algorithms to bring insurance-grade quantitative models to properly gauge the financial impact of likely outcomes based on different security decisions. Knowing the financial meaning of your options and strategies lets you prioritize and invest with greater confidence and precision.



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