
CyberRiskModels.com Press Kit

Media Contact

Charlene Deaver-Vazquez

President, FISMACS, LLC

Founder, CyberRiskModels.com

Email: charlene@FISMACS.com

Phone: (301) 346-3752

LinkedIn: <https://www.linkedin.com/in/charlendeavervazquez>

About CyberRiskModels.com

CyberRiskModels.com, a service of FISMACS, LLC, provides business-level cyber risk forecasts, with risks quantified in financial terms and delivered to your inbox monthly.

The forecasts translate real-world cyber activity from recent activity into forward-looking risk estimates for the next 30-60-90 days, including likelihood of attack, expected financial impact, and the controls most effective at mitigating loss.

CyberRiskModels.com addresses a critical gap: providing decision-grade analysis and risk quantification, updated monthly, for the price of a daily cup of coffee. We turn signals into actionable data dialed into business-level risks. For security programs with limited resources, this is a game changer.

By combining public threat data, probabilistic modeling, and business-specific profiles, the risk forecasts enable leaders to move beyond qualitative assumptions and make data-based risk-informed decisions.

Company Snapshot

Company: CyberRiskModels.com / FISMACS, LLC

Founded: 2014

Founder: Charlene Deaver-Vazquez, CISSP, CISA

Website: CyberRiskModels.com

Core Capabilities:

- Cyber risk forecasting (30–60–90 day outlook)

- Risk quantification using probabilistic methods
- Top risks and emerging risks identified
- Risk scenarios quantified (likelihood and expected financial loss)

Who It Serves:

CISOs and security leaders across multiple industries including healthcare, government, financial and professional.

Currently forecasting for the following segments: (additional segments available upon request)

- Hospitals
 - Outpatient Clinics
 - Accounting and Audit Firms
 - Consulting Firms
 - Law Firms
 - Engineering and Architectural Firms
 - Retail and Commercial Banks
 - Investment and Wealth Management Firms
 - Fintech Platforms
 - State Government Agencies
 - County and Municipal Governments.
-

What Makes It Different

Traditional cyber risk approaches do not convert qualitative data into quantitative forecasts, are cost prohibitive with low accessibility for decision makers, are too complex and limited in their focus, and do not consider external events and emerging threats. They require companies to have onboard analytical staff or to hire external consultants. Their processes are too cumbersome to produce monthly updated analysis on top and emerging risks.

CyberRiskModels.com takes a different approach:

- Analysis and risk quantification at scale lowering client costs
- Monthly updates for the top attacks per business profile
- Monthly updates on geopolitical factors and emerging threat analysis
- Reports that are executive ready, designed to answer the top questions executives ask
- Designed for decision support providing likelihood and financial estimates
- Provide actionable recommendations for measurably reducing risk and financial loss

The result is decision-grade insight that aligns directly to executive questions:

- What is our biggest risk right now?
 - What will it cost if it happens?
 - What should we do next?
-

Founder Bio

Short Bio

Charlene Deaver-Vazquez, CISSP, CISA, is President of FISMACS, LLC and founder of CyberRiskModels.com. She has over 40 years of experience in network design and security, performs cybersecurity risk analyses and risk quantification for the Nuclear Regulatory Commission, authored curriculum for Cybersecurity Risk Quantification for Boise State University, and speaks on cyber risk and quantification.

Full Bio

Charlene Deaver-Vazquez, CISSP, CISA, is President of FISMACS, LLC and founder of CyberRiskModels.com. She has more than 40 years of experience in network design and cybersecurity and focuses on helping organizations quantify and forecast cyber risk in ways that support executive-level decisions.

Through CyberRiskModels.com, Charlene provides scalable forecasting, modeling, and reporting capabilities for CISOs with resource-restricted risk management programs. Her work emphasizes translating real-world threat activity into actionable insight, including likelihood estimates, expected financial impact, and prioritized mitigation strategies.

Previously, she performed agency-wide cybersecurity risk analyses and risk quantification for the Nuclear Regulatory Commission. She developed custom models and analysis reporting to the CISO/CIO in support of ongoing cyber risk management.

She was an Adjunct Professor at Boise State University's Cyber Resilience and Operations Program, where she authored their Cybersecurity Risk Quantification course and developed an open educational resource in the field.

She is a frequent speaker on cybersecurity risk and quantification.

Key Media Themes & Angles

CyberRiskModels.com supports interviews, commentary, and contributed content across the following themes:

- Implementing risk quantification into the risk management process

- Why traditional CRQ is failing the industry
 - Understanding and applying the math of probability to cyber risk forecasting
 - The current threat landscape and how geopolitical events are impacting business-level cyber risk
 - The impact of AI on cyber risk
 - From threat intelligence to decision-making
 - Cyber risk forecasting
-

Products & Offerings

- Monthly cyber risk forecasts
 - Custom risk reports
 - Business-level risk modeling using probability-based methods
-

Sample Boilerplate (For Press Releases)

About CyberRiskModels.com

CyberRiskModels.com, a service of FISMACS, LLC, provides business-level cyber risk forecasts, risk quantification, and special risk reports to help CISOs and security leaders make informed decisions based on real-world threat activity. Using probabilistic analysis and business-specific profiles, the forecasts translate cyber threats into likelihood estimates, expected financial impact, and prioritized actions.

Additional Assets

- [Headshot](#)
 - [Company logo](#)
 - [Report/sample forecast](#)
 - [Previous presentations and books](#)
-

Call to Action

For interviews, speaking opportunities, or media inquiries, contact:

Charlene Deaver-Vazquez

charlene@FISMACS.com
