

# Cyber risk quantification for your organization.

## Security Program Assessment and Risk Quantification (SPARQ)

Qualitative risk, maturity and framework-based controls gap assessments — long the de facto strategies for measuring and maturing a cybersecurity program — have improved baseline security expectations and abilities and helped many organizations align with industry-standard frameworks like those from NIST and ISO. But while important, these assessments are not able to rationalize the security program against business risks or financial goals. CDW's Security Program Assessment and Risk Quantification (SPARQ) solution bridges this gap for customers, layering a risk-based, quantitative analysis of security risks and investments on top of a traditional framework-based assessment.

CDW's Security Program Assessment and Risk Quantification Services can help you achieve:

 **Revenue Enhancement**       **Cost Reduction**       **Reduced Risk**

### Finding the Right Solution

SPARQ's innovative approach marries risk management with tactical program strategy, creating both a security- and business-friendly roadmap for the maturation of your security program. True risk quantification, once considered a near impossible measurement in security, had been made viable and effective through collaboration with cyber insurance carriers. The SPARQ solution leverages a platform that provides size and vertical-specific impact and frequency data based on carriers' actual claims data.

As an output of the SPARQ solution, CDW is able to define mitigation scenarios, compare options and determine which strategy will provide the most substantial reduction in risk for the least cost. Based on the outputs generated, CDW provides quantified remediation prioritization recommendations and a tailored roadmap that give security leaders the information they need to drive security maturity and justify investments to the business.

Additional benefits of the SPARQ solution include:

- Moves beyond hypothetical impacts by leveraging actual risk exposure data
- Translates security investments into the language of business, focusing on “financial risk” terms to normalize security concepts into the context of organizational strategy (change the conversation from “number of vulnerabilities” to “financial impact of an incident”)
- Considers risk appetite and cyber liability insurance transfer to determine risk exposure and make investment recommendations
- Tailored deliverables for security and executive/board audiences

CDW's full lifecycle of Services can support your organization no matter where you are on your journey



## CDW + CYBER RISK SOLUTIONS

CDW's SPARQ solution was jointly developed by CDW's team of Field CISOs and Field CFOs and is designed to address the real-world concerns of security, financial and risk-management leaders.

- Risk-quantification services are delivered in partnership with Secure Systems Innovation Corporation's (SSIC) X-Analytics platform.
- X-Analytics is a patented and validated cyber risk decisions platform designed to change how executives, boards and the risk-management industry manage financial exposure to cyber risk.
- X-Analytics reporting was developed in partnership with the National Association of Corporate Directors.



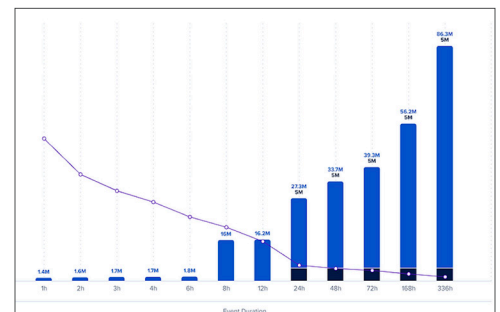
## Services Overview

The SPARQ solution is an evolution in cyber risk management, providing a comprehensive assessment that drives both tactical security remediation advice and business-level investment recommendations. Core features and benefits include:

SPARQ Features and Benefits	Included
<b>Features</b>	
Review of policies, procedures and controls against an industry-standard framework.	✓
Mapping of current state controls to framework.	✓
Documentation of areas of strength and control gaps.	✓
Analysis of risk and impact based on actual claims data.	✓
Prioritized near-term and long-term recommendations.	✓
Deliverables and summaries for security and executive/board stakeholders.	✓
Quarterly board of director reporting service. (optional)	✓
Cyber liability insurance policy analysis. (optional)	✓
Risk-appetite assessment. (optional)	✓
Develop executive or board-level communications. (optional)	✓
<b>Benefits</b>	
Creates bridge between governance, business leadership and technologists using cyber economics as a shared vocabulary.	✓
Prioritizes cyber investments on technologies most likely to reduce cyber risk.	✓
Focuses cyber efforts on threat scenarios most likely to impact the organization.	✓
Aligns cyber budgets with overall business and enterprise risk management priorities.	✓
Empowers business leaders to improve cyber outcomes through fiscal strategies.	✓

## Risk and Remediation you can Measure

Cyber risk assessment and quantification results are displayed via the X-Analytics dashboard.



**Learn more about CDW's Security Advisory Services [here](#).  
You can also continue the conversation with the CDW  
Field CISO team at [securityadvisors@cdw.com](mailto:securityadvisors@cdw.com).**

