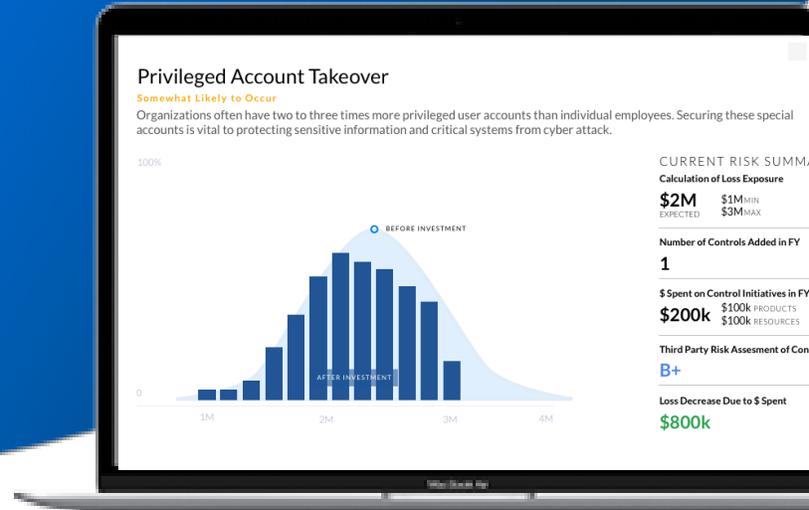


Our Risk Quantification Methodology

Designed to drive rapid business impact with each cybersecurity decision



OUR APPROACH

The optimal way to operate a cybersecurity program is by understanding the risk that cyber threats pose to a company's operations in dollar terms. Traditional approaches have proven to be exceptionally time-consuming and reliant on specialized expertise, yielding results that are hard to justify and interpret.

Axio breaks away from these traditional approaches with a unique risk management approach. Our methodology merges things you know about your business with external data into a transparent and practical model that can quickly estimate dollars at risk and drive prioritization in 4 easy steps.

STEP 1
Identify relevant cyber loss scenarios

Build and prioritize loss scenarios that would most impact the business in collaboration with key business stakeholders.

STEP 2
Calculate scenario losses

Simulate financial losses for each scenario using Monte Carlo methods and our customizable model that reflects your unique exposure.

STEP 3
Prioritize cybersecurity improvements

Identify necessary technical and business solutions (and their costs) and compare how different improvements will reduce risk.

STEP 4
Communicate risk effectively

Leverage the capability of our dynamic risk visualizations to communicate risk in financial terms at both the executive and practitioner level.

About



Axio is a 100% onshore cyber risk management SaaS company founded in 2015 by veterans in risk management and cybersecurity insurance.

Our customers

The Axio360 platform empowers cybersecurity leaders to make responsible decisions by providing clarity on what matters to the business. To date, Axio360 has supported over 1500 organizations, with strong usage among customers in critical infrastructure, manufacturing, and financial services organizations.

We wrote the textbook on cybersecurity maturity and risk management.

Axio leaders helped architect industry standard frameworks such as Cybersecurity Capability Maturity Model (C2M2) for the Department of Energy and CERT Resilience Management Model (CERT-RMM). The team contributed to the development of NIST CSF.

The Axio Difference

ACTIONABLE RESULTS IN 48 HOURS.

Our methodology is designed to deliver business value.

Delivering business value is more than just framing risk in financial terms. It is about offering leaders a pragmatic and actionable approach that brings diverse business stakeholders together.

Get Results Quickly

Axio provides impact categories with suggested formulas that automates the process of risk quantification. Pre-filled transparent calculations facilitate determinations across business units as non-technical leaders understand what goes into the risk exposed by the decision they make.

Easy to Understand

A deep understanding of math and statistics is not required at any point in Axio's process. Transparent formulas to calculate risk impact are easily understood and customized so that any business leader can make data-driven risk decisions. There is no black box producing unhelpful magical scores or color-coded statuses. This results in output that all stakeholders can use to make decisions.

Address Events that Impact the Business Most

Axio's solution focuses top-down to identify cyber risk scenarios that will negatively impact the business most so it can prepare to survive catastrophic events. Traditional risk quantification approaches begin by estimating the probability the scenario will occur on each asset. The probability that an event will be attempted is the attacker's decision and is out of the business's control. Instead, our method focuses on actions the business can take that will lower the magnitude of impact when the risk materializes.

Contact sales@axio.com to learn more.