Turning a $14M Blind Spot Into 97% of Risk Eliminated

How a $500M diagnostic services provider replaced generic cybersecurity spending with actuarial risk mapping — and cut its cyber risk exposure 97% in five years.

$14M
Unresolved cyber risk exposure uncovered through actuarial mapping

40%
Cut in risk exposure in year one (20% to 12%)

97%
Of overall cyber risk eliminated by 2023

ORGANIZATION
A $500M diagnostic services provider

ENVIRONMENT
3,500 Employees · 70 Locations

PATIENTS SERVED
90M+

The Bottom Line

Actuarial risk mapping replaced generic best practice. The organization moved from buying more tools to targeting its actual highest-risk exposures — **proof that eliminating cyber risk, not just managing it, is achievable when the analysis is precise to act on.**

SITUATION

A $500M diagnostic services provider had already invested heavily in tools, monitoring, and training — but couldn't answer a harder question: *was any of it reducing real risk?*

- **Spending without a target:** controls were in place, but nothing measured whether they reduced real risk.
- **No visibility into origin points:** the team couldn't see where its greatest cyber risk came from.
- **$14M in unresolved exposure:** actuarial mapping found a quantified exposure no one knew was there.
- **Stakes too high to ignore:** the potential impact to patients and finances was too great to leave unaddressed.

SOLUTION

ArxNimbus mapped real-world industry loss data to the organization's own environment, scaling actual cyber losses to its specific risk exposure — turning generic best practice into a prioritized, dollar-ranked action plan.

IMPACT

- **40% cut in year one:** risk exposure fell from over 20% to 12% within a year of adopting the plan.
- **97% of cyber risk eliminated:** by 2023, nearly all quantified cyber risk exposure had been removed.
- **Savings compounded:** reductions in losses, compliance fines, and insurance premiums followed.
- **In their own words:** *"We've gained tremendous comfort from finally getting past nearly all of our cyber risk." — CEO*

ArxNimbus
Secure the business.

**Cyber and AI exposure are already on the balance sheet.
The question is whether leadership can see the number.**

Controls matter. But strategy changes when exposure is translated into dollars your CFO, board, cyber insurers, and governance teams can act on.

ArxNimbus helps organizations move beyond static scorecards and subjective color-coded scores to a prioritized action plan — quantifying cyber and AI exposure as defensible financial intelligence.

See what your own exposure number would be with a complimentary exposure-quantification session.

It's not magic. It's math. **#ProtectYourEBITDA**