



CASE STUDY

How a Biotechnology Firm Brought Structure and Business Context to Their Security Strategy

Strengthening executive trust with a data-driven security roadmap and a strategic investment in the Edge Solution for risk reduction.

INDUSTRY

Biotechnology

REVENUE

\$200M+

FEATURES USED

Cyber Action Plan

Tabletop Exercise

Loss Exceedance Curve

CONTEXT

A leading biotechnology company invested in its first dedicated information security manager to build a mature security program from the ground up. They sought a solution that would go beyond traditional security measures, aligning risk investment with business needs across complex globalized divisions.

CHALLENGE

With a limited budget, constrained personnel resources, and the complexity of justifying investments to leadership, the security manager bore the full weight of enacting and maturing the company's security posture.

SOLUTION

By partnering with Resilience and adopting its cyber business decision platform, the client redefined their security strategy in the context of their business needs. The platform's capabilities, including the Loss Exceedance Curve (LEC), the Cyber Action Plan (CAP), and a Table Top Exercise (TTX), enabled the team to move beyond reactive risk management and towards a proactive data-driven approach.

The LEC visualized the potential financial losses from various types of cyber incidents across different probability levels based on their unique data. This shift allowed leaders to grasp the real-world economic impact of security risks, making it easier to align priorities and justify investment.

Meanwhile, the CAP delivered a tailored, prioritized roadmap of mitigation tactics further reinforced by an accompanying TTX, which identified other potential security gaps. These tactics validated specific security controls that would most effectively reduce the company's risk exposure. This gave the security leader a defensible strategy for allocating budget and a structured method for articulating why certain actions should be prioritized.

RESULTS

- Quantified risk insights enabled leaders to understand the financial impacts of cyber risk and make more informed business decisions regarding security investments.
- Data-driven and prioritized action plan empowered the security team to allocate its resources effectively toward the most significant risks aligned with its business objectives.



Discover the strategy that drove our success

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