

CyVaR for CISOs

[CyVaR Home \(index.html\)](#) [Defining Cyber Value at Risk \(defining-cyber-value-at-risk.html\)](#) [Solutions](#) ▾ [FAQs \(cyvar-faqs.html\)](#)

CyVaR for CISOs

As a Chief Information Security Officer (CISO), you are constantly being asked to justify your investments in security. And perhaps – even more challenging – you are being asked to convey the company’s cyber risk in financial terms to C-level officers and the Board of Directors.

Questions such as, “*What risks do we face in terms of liability and direct loss to our business? What are the best options to reduce that risk?*” are part of your conversations with your CFO, Chief Risk Officer, and other executives.

The screenshot displays the CyVaR web application interface. The main content area is titled "Potential Losses and Mitigations" and is dated "calculated on October 2, 2015". The interface shows a list of "Suggested Mitigations" with columns for "Recommended Action", "Business Application", and "Risk Reduction".

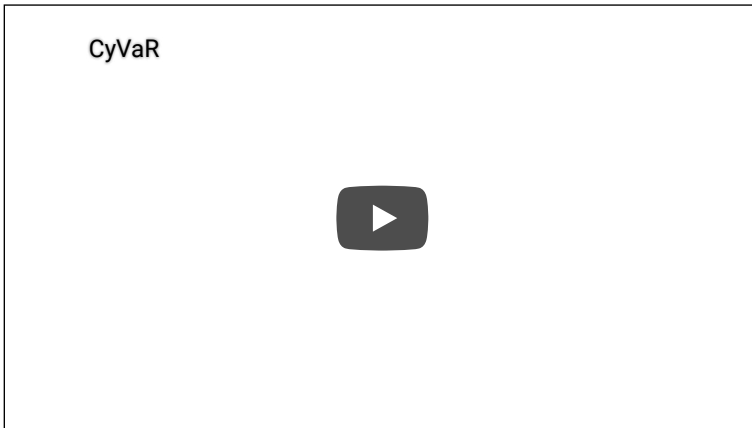
Recommended Action	Business Application	Risk Reduction
Improve Account Control show suggestions	Permit Tracking System	\$1,162,015 (12%) ↓
Improve Incident Response show suggestions	Permit Tracking System	\$782,922 (8%) ↓
Improve Account Control show suggestions	SAP	\$782,357 (8%) ↓
Improve Incident Response hide suggestions <i>Items to implement:</i> <ul style="list-style-type: none"> [Quick Win] Ensure that there are written incident response procedures that include a definition of personnel roles for handling incidents. [Quick Win] Assign job titles and duties for handling computer and network incidents to specific individuals. [Quick Win] Define management personnel who will support the incident handling process by acting in key decision-making roles. [Quick Win] Devise organization-wide standards for the time required for system administrators and other personnel to report anomalous events to the incident handling team, the mechanisms for such reporting, and the kind of information that should be included in the incident notification. [Quick Win] Assemble and maintain information on third-party contact information to be used to report a security incident (i.e., maintain an e-mail address of securit@organization.com or have a web page http://organization.com/security). [Quick Win] Publish information for all personnel, including employees and contractors, regarding reporting computer anomalies and incidents to the incident handling team. [Hygiene] Conduct periodic incident scenario sessions for personnel associated with the incident handling team to ensure that they understand current threats and risks, as well as their responsibilities in supporting the incident handling team. 	SAP	\$539,250 (6%) ↓
Improve Malware Defenses show suggestions	Permit Tracking System	\$518,541 (5%) ↓
Improve Log Maintenance, Monitoring, and Analysis show suggestions	Permit Tracking System	\$445,348 (5%) ↓

The CyVaR Advantage

CyVaR calculates your potential annual loss and determines the best options for reducing risk, enabling you to:

- Understand which business applications have the greatest exposure.
- Develop security investment options that provide the highest return in reducing risk exposure.
- Prioritize budget requests for security investments based on risk reduction.

- Achieve a better ROI on your current security investments and resources.
- Continually see the full view of your cyber risk, even as core business elements change.
- Communicate on a common level with C-level executives and board members.



Industry Talk

"While cybersecurity risk is often considered an intimidating area for directors to address due to its technical nature, it is important to remember that directors are not required to be experts in this area but are entitled to rely on management and outside experts for advice."

– *Privacy Advisor, May 2014*

Download Data Sheets

CyVaR Data Sheet (docs/CP-CyVaR-Datasheet-01.pdf)

Last Revision: 10.24.16

CyVaR Case Study: San Diego (docs/CP-CyVaR-San-Diego-Case-Study-2017.pdf)

Last Revision: 10.10.17

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If you like CyVaR and think others would too, we'd appreciate it if you would spread the word!

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| directions



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