Capability Snapshot

What If Analysis

Understand the Effects Decisions Have on Cyber Risk with ThreatConnect RQ

What if you were asked what the quantified implications to cyber risk would be if your security budget was cut in half?

Or maybe you might be tasked with deciding if it is possible to decrease security controls in one area and increase controls in another without any impact on financial risk.

Additionally, you may be tasked with sorting out whether cyber risk is affected when bringing on a new corporate acquisition or a third-party vendor. You're expected to understand how the risk of granting access to your organization introduces additional risk.

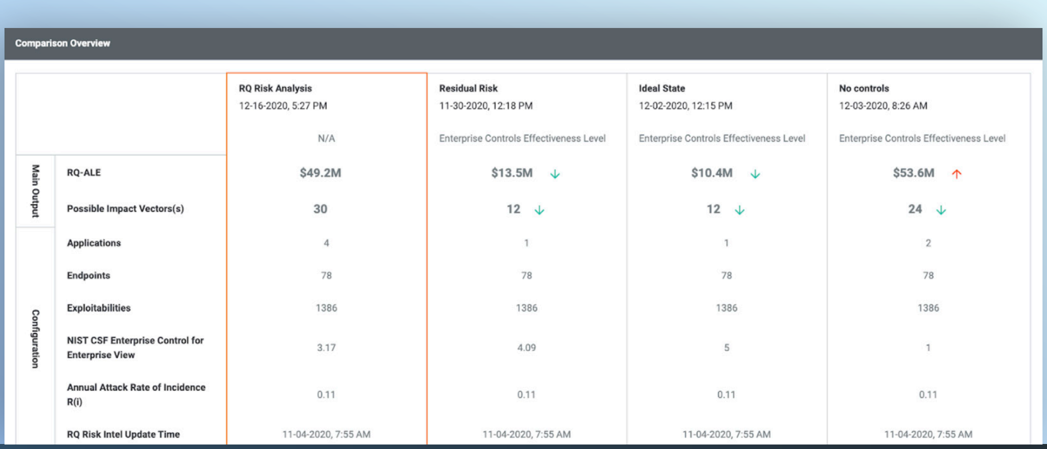
That's why ThreatConnect introduced Risk Quantifier (RQ) with a built-in What If Analysis capability. By answering tough questions with solid business numbers, security leaders thrive and take on meaningful roles in operational decisions.

ThreatConnect RQ is purpose-built to automatically calculate cyber risk in financial terms and create the scenarios needed to answer the tough questions. Communicate these values in a way that stakeholders across the organizations can easily understand and appreciate.

How Does What If Analysis Work?

What If Analysis is a sandbox environment that allows you to quickly model and show the impact of budget changes or new business initiatives on cyber risk before beginning the effort. From one interface you can understand how financially quantified cyber risk might be affected by certain changes without disrupting the baseline data you already have.

Recommend security control improvements in a way that the business can understand without spending hours, weeks, or months manually gathering the data or racking up professional services bills to analyze the potential ramifications any changes may have with regards to cyber risk. Use the NIST CSF, FAIR, and CIS Top 20 frameworks to provide true financial risk comparison data between your current and ideal security states.



Comparison Overview

		RQ Risk Analysis 12-16-2020, 5:27 PM	Residual Risk 11-30-2020, 12:18 PM	Ideal State 12-02-2020, 12:15 PM	No controls 12-03-2020, 8:26 AM
		N/A	Enterprise Controls Effectiveness Level	Enterprise Controls Effectiveness Level	Enterprise Controls Effectiveness Level
Main Output	RQ-ALE	$49.2M	$13.5M ↓	$10.4M ↓	$53.6M ↑
	Possible Impact Vectors(s)	30	12 ↓	12 ↓	24 ↓
Configuration	Applications	4	1	1	2
	Endpoints	78	78	78	78
	Exploitabilities	1386	1386	1386	1386
	NIST CSF Enterprise Control for Enterprise View	3.17	4.09	5	1
	Annual Attack Rate of Incidence R(i)	0.11	0.11	0.11	0.11
	RQ Risk Intel Update Time	11-04-2020, 7:55 AM	11-04-2020, 7:55 AM	11-04-2020, 7:55 AM	11-04-2020, 7:55 AM

ThreatConnect.com
3865 Wilson Blvd., Suite 550
Arlington, VA 22203

sales@threatconnect.com
1.800.965.2708

What Can I Do Using What If Analysis?

Answer the Tough Questions

Discuss what the company's ideal security state should be and what the risk of not being there means to the business. Show how the automated collection of threat and business intelligence enables you to discuss these issues with confidence.

Pinpoint Cyber Risk within M&A Activity

Explain how acquisitions can affect the cyber risk tolerance of the company and the financial impact a successful cyber attack may introduce.

Make Decisions Regarding Security Waivers

Highlight the financial risk of applications without adequate security controls so business owners understand the implications and can better understand the effects of these types of decisions.

Generate a View of Security Improvements

Demonstrate how increasing the level of application security controls reduces the likelihood of a successful cyber attack.

Run Side-by-Side Comparisons

Automatically created security control scenarios to match your business environment so business owners have the visibility to pick the security controls that will have the most impact for reducing cyber risk.

Evaluate Third Party Vendors

Assess the security controls of third-party vendors that will have access to your sensitive data. Use automated modeling and What If Analysis to know what the financial risk is to your company if a successful cyber attack happens to their systems.

Justify Spending

Run comparative scenarios and reporting to determine if you are spending your security budget in the right places. Understand how a decrease in security controls in one area and an increase in another will affect the current level of risk tolerance.

What are the Benefits of What If Analysis?

Quantify Cyber Risk

Measure and communicate the financial risk and impact of a successful attack in business terms that everyone can relate to. Show the impact over both the long and short term.

Reduce Manual Processes

Aggregation of multiple threat, financial, regulatory, and business intelligence sources automatically generates risk models for scenario comparisons.

Improve Communication

Better collaboration with stakeholders using a common language to communicatehow changes in security controls or applications increase or decrease financial risk to the business. Leading to better conversations around protecting some of the most critical applications.

Better Time to Value

Save hours, days, weeks, even months by using our pre-populated cyber risk quantification models to run potential scenarios. It saves hours of analytics modeling, executive resources, and professional services dollars.

ThreatConnect.

ThreatConnect enables threat intelligence operations, security operations, and cyber risk management teams to work together for more effective, efficient, and collaborative cyber defense and protection. With ThreatConnect, organizations infuse ML and AI-powered threat intel and cyber risk quantification into their work, allowing them to orchestrate and automate processes to get the necessary insights and respond faster and more confidently than ever before. More than 200 enterprises and thousands of security professionals rely on ThreatConnect every day to protect their organizations' most critical assets.

Learn more at www.threatconnect.com.

ThreatConnect.com

3865 Wilson Blvd., Suite 550
Arlington, VA 22203

sales@threatconnect.com
1.800.965.2708