

The logo features a blue stylized arrow pointing right, followed by the word "ARCHER" in a bold, blue, sans-serif font with a registered trademark symbol. Below "ARCHER" is the word "SUMMIT 2025" in a blue, all-caps, sans-serif font.

Insight v5: Explore how Loss Event Data drives rate and impact estimations, and see how quantified risk outputs from Archer Insight support strategic decision-making

URL: <https://83123.se.archerirm.us/default.aspx>

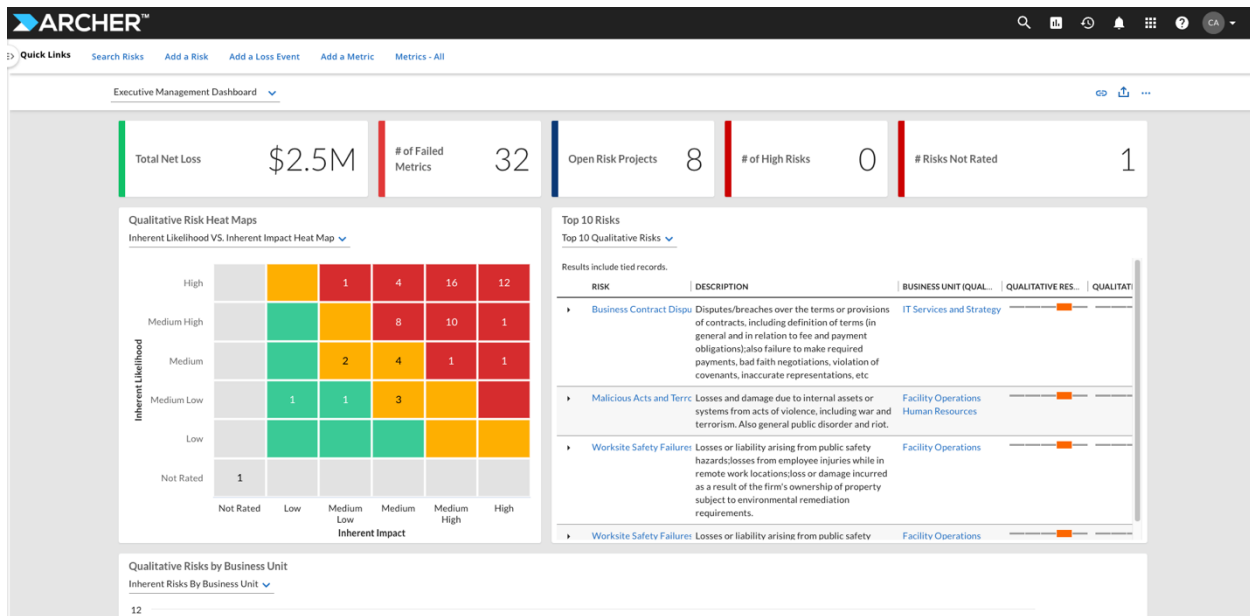
Username: Provided by the Presenter

Password: Provided by the Presenter

Table of Contents

<i>Landing Page – Archer Executive Risk Management Dashboard:</i>	2
<i>High Level Benefits of Archer Insight:</i>	2
1. Improved Risk Aggregation	2
2. Improved Risk-Based / Strategic Decision Making	2
3. Faithful Representation of Risks	3
<i>Navigating to Archer Insight:</i>	3
<i>Assessing a Risk in Archer Insight:</i>	4
<i>Reporting on Control ROI in Archer Insight:</i>	8
<i>Lab Ends</i>	8

Landing Page – Archer Executive Risk Management Dashboard:



High Level Benefits of Archer Insight:

1. Improved Risk Aggregation

Archer Insight uses quantitative models to combine individual risks into a clear, enterprise-wide view. This enables better prioritization and strategic oversight by showing how risk exposure is distributed across the organization. Red, Yellow and Green risks are impossible to faithfully aggregate, so moving towards Risk Quantification helps with this.

2. Improved Risk-Based / Strategic Decision Making

Archer Insight equips decision-makers with quantified metrics like Expected Loss and Conditional Value at Risk, replacing subjective heat maps with objective data. Archer Insight also enables organizations to assess the effectiveness of individual controls by calculating how much loss each control prevents. This allows for ROI-based prioritization of controls, helping teams reduce losses without overspending on mitigation. It supports more strategic, financially grounded conversations with executives about where to invest in risk management.

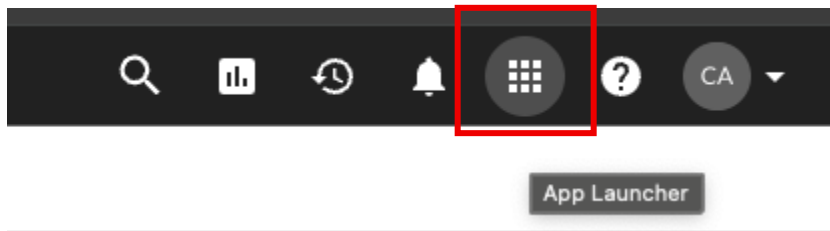
3. Faithful Representation of Risks

Insight models both the frequency and impact of risks, avoiding worst-case-only assessments. It ensures each risk is represented accurately, so similar-looking risks on a heat map are no longer treated as equal.

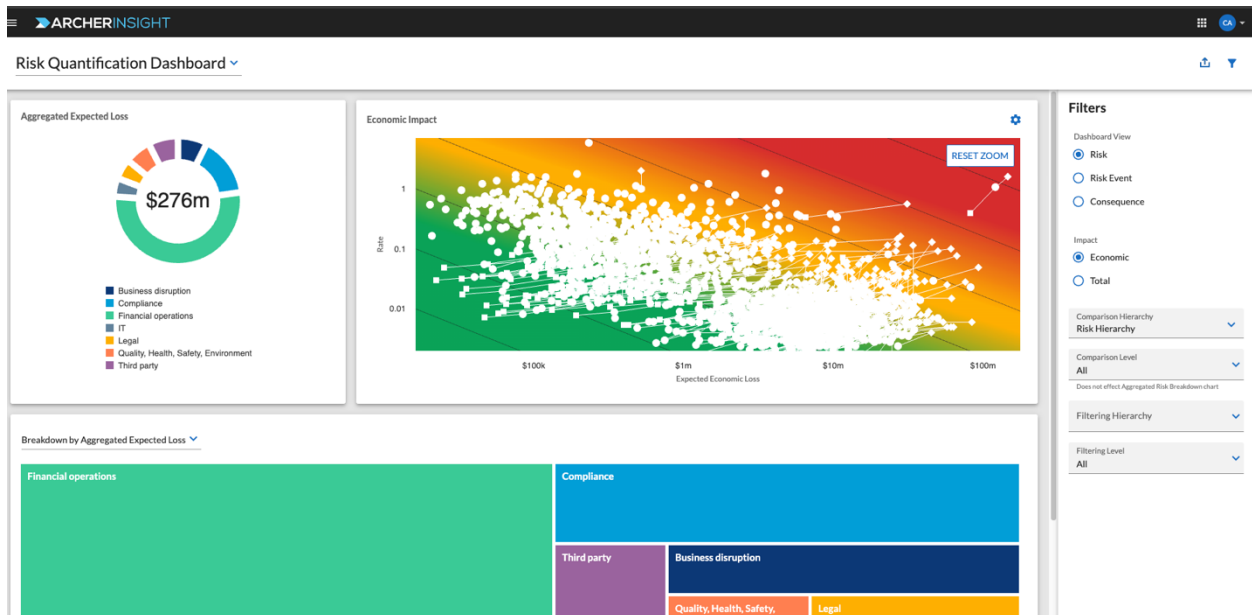
These benefits can be seen when comparing the qualitative heatmap on the left to the quantified risk report on the right.

Navigating to Archer Insight:

1. Click on the 'App Launcher' tile in the top right corner. And then right-click on Insight to 'Open in a New Tab'



2. You will then be presented with the Insight Landing Page – Risk Quantification Dashboard:



Let's walkthrough what you are seeing:

1. **Aggregated Risk Exposure Report** – Breaks down aggregated risk exposure by type.
2. **Economic Impact Heat Map** – Shows quantified risks on a heat map. Each line represents a risk and each dot on a line represents a risk in its Inherent, Actual or Full state.
3. **Breakdown by Aggregated Expected Loss** – Shows a clickable and drillable breakdown of risk exposure by type.

Now, let's adjust the filters to make these reports more insightful:

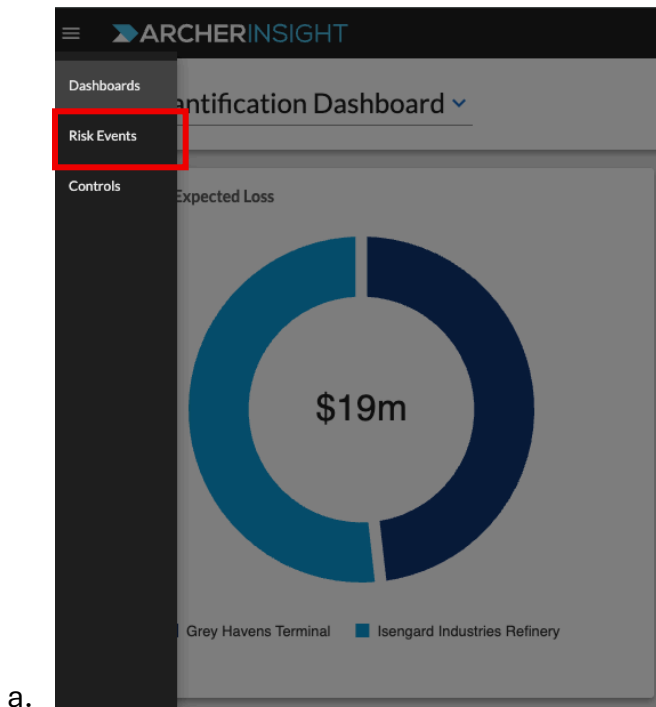
1. **Comparison Hierarchy** = Organizational
2. **Comparison Level** = Sarumanco-->Downstream
3. **Breakdown by Aggregated Expected Loss** = Click on Sarumanco

Now we have a much better understanding of Sarumanco's Risk Exposure as a whole and by Business Unit.

Assessing a Risk in Archer Insight:

Next, we will create a new Risk Event for assessment. This type of assessment is what leads to the outputs you just saw in the Risk Quantification Dashboard:

1. Click on the navigation menu in the top-left hand corner and select Risk Events



2. Now you will see a list of assessed Risk Events. Insight has 3 assessment types:
 - a. Actual Risk Assessment
 - b. Actual and Inherent Risk Assessment
 - c. Control Specification Assessment
3. In the top-right corner, you will see a '+' button to create a new Risk Event, click on that

a.

4. First, lookup a parent risk you want to assess, then name your Risk Event something unique. For reference, a risk event is a specific, quantifiable occurrence that may happen within a defined timeframe. Lastly, select the Actual Risk Assessment Type. Then click 'Add'.
 - a. Example Parent Risk and Risk Event:
 - Parent Risk: This is the broader category or theme of risk, often aligned with a taxonomy or business concern.
 - Example: "Cybersecurity Risk"
 - Risk Event: This is a specific, quantifiable occurrence that falls under the parent risk and is assessed independently.
 - Example: "Phishing Attack Leading to Credential Compromise at Regional Office"

Now you should see a screen that looks like this:

The screenshot displays the Archer Insight interface for a risk event titled "Risk Event: BID - CC". The "Loss Events" section is expanded, showing a "Number Of Occurrences" section. This section includes a text input field for "Rate" and a "Probability distribution of the number of occurrences of the risk event per year" graph. The graph shows a probability distribution with the y-axis labeled "Probability" ranging from 0.000 to 1.000 and the x-axis labeled "Number Of Occurrences". The right sidebar contains "Overview" and "Quantification Metrics" sections. The "Quantification Metrics" section shows the following values:

ACTUAL	
Rate	0
Economic Expected loss per occurrence	\$0
Expected annual loss	\$0
Value at risk at 10%	\$77k
Conditional value at risk at 10%	\$88k
Total Expected impact per occurrence	0
Expected annual impact	0

1. First, expand the Loss Events section - New to Archer Insight v5 is the ability to use historical losses to estimate inputs for annual frequency, median impact and downside impact. This was created because the primary roadblock with early versions of Insight was that end users needed a way to validate their estimations.
 - a. Click the 'Lookup' feature for loss events and select 2-3 pre-created examples.
 - b. Then, select a start date of August 2023
 - c. The end date will be assumed to be today
2. Now, below you will see a 'Best Estimate of Rate', 'Best Estimate of Median Impact' and a 'Best Estimate of Downside Impact'

Loss Events

Select Loss Events associated with this risk event

[Explain this](#)

LOSS EVENT	DATE OF OCCURRENCE ↑	LOSS AMOUNT	ACTIONS
Trade Settlement due to C...	1/9/2024	\$200k	⊖
Internal Trading Platform ...	1/16/2024	\$450k	⊖
Discrimination and Harras...	4/22/2024	\$1.2m	⊖
Indonesian typhoon losses	6/11/2024	\$1.2m	⊖
Unauthorized Access to C...	11/1/2025	\$100k	⊖

Rows per page: 20 | 1-5 of 5 | < 1 >

Start Date: 08/14/2023 | End Date: MM/DD/YYYY

Best Estimate of Rate: 2.00

Best Estimate of Median Impact: \$605k
Best Estimate of Downside Impact: \$1.8m

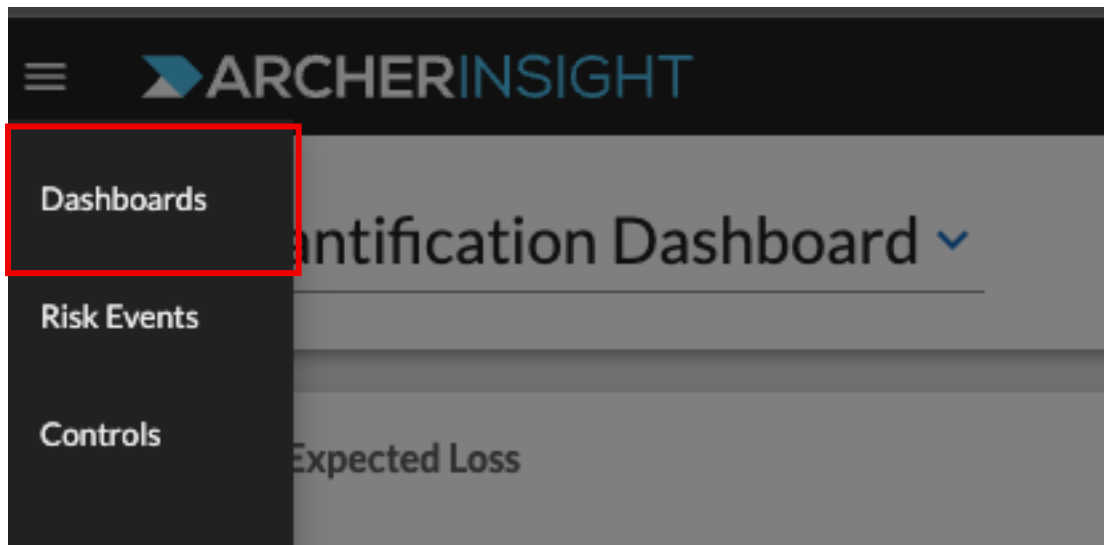
Probability Distribution ▾

- Now, scroll down to create a Risk Consequence
 - Click the '+' button next to Consequences
 - Select 'Economic' under Type
- Then, scroll up and click 'Use These Recommendations' from the historical losses you input above.
 - Now you can see an estimate of Rate and Impact has been auto calculated and your 'Quantification Metrics' tile has been populated.
- Click the 'Save' icon in the bottom-right of the screen

Your Risk Event has now been assessed automatically using historical loss events rather than best estimates. Although not all risks will have historical data, this is an important step forward in making the end user comfortable with Risk Quantification.

Reporting on Control ROI in Archer Insight:

1. Return to 'Dashboards' under the left-hand navigation menu



2. Click on the 'Risk Quantification Dashboard' Title and change the dashboard view to 'Control Quantification Dashboard'
3. Change the filters to the following settings:
 - a. Full or Actual – Full
 - b. Top or Bottom – Top
 - c. Number of Records – 10

Now, you will be able to see the top 10 controls across the organization in terms of the losses they prevent or mitigate as well as the top controls by Net Value Ratio

Lab Ends