

Measurement Methods for Controls for Event Vulnerabilities (by Control)

On this page, you can define the measurement method to use when evaluating the Controls for Event Vulnerabilities (by Control).

This is found on **CONTROLS > Measure > Measurement Methods > f or Controls for EVENT Vulnerabilities (by Control)**.

The screenshot displays the 'Measurement Methods for Controls for Vulnerabilities' interface. The left sidebar contains a navigation tree with the following items:

- Measurement Methods
 - for Controls for Sources
 - for Controls for Event Vulnerabilities (by Event)
 - for Controls for Event Vulnerabilities (by Control)** (selected)
 - for Controls to Objectives (by Event)
 - for Controls to Objectives (by Control)
- Participants
 - Invite participants
 - Participant Roles
- Participant evaluate controls
 - Evaluation status
 - Collect my input
- Combined effectiveness for c...
 - for Controls for Sources
 - Combined effectiveness for c...
 - of Controls for Event Vulnerabilities (by Event)
 - of Controls for Event Vulnerabilities (by Control)
 - Combined effectiveness for c...
 - of Controls for Objectives (by Event)
 - of Controls for Objectives (by Control)

The main content area shows a table with the following structure:

Index	Event Name	Sources								
		Human Factor			Environmental		Infrastructure			
		Inadequately Trained Staff	Disregarding or Not Following Proper Policies, Processes, or Procedures	Lack of Situational Awareness	Engineers Failure to Properly Install Equipment	Flooding of Intelligent Event Monitoring Infrastructure	Lightning Striking Signaling Infrastructure	Minor Electrical Power Shortage	Major Electrical Power Loss	Mechanical Failure of Sensors
1	Late Train Running		Direct							
2	Degradation of Intelligent Monitoring System Physical Assets									
5	Line Closure		Direct	Direct						
6	Failed Integration with Future Monitoring		Direct							

From the grid above, you can assign the measurement method to use when evaluating the selected control to mitigate the vulnerabilities of the events due to Threats/Sources.

You can select another control using the "Select a control:" dropdown:

The dropdown menu shows the following options:

- Monitoring Gate System Approach (selected)
- Reprimand
- Frequent Monitoring and Replacement (Signals/Sensors/Cables)
- Engineer Credentials
- On the spot training
- Replace Operator
- Implement External Emergency Power Support
- Power Redistribution via National Grid
- Reboot from Software back-up
- Disaster Recovery System by different ISP
- Increase Security Measures
- Purchase and install latest bespoke and COTS SW version
- Isolate Network from external access
- Purchase latest hardware technology

The Events are listed as rows under the "Event Name" column, and the succeeding column headings to the right are the Hierarchy of Sources. The intersecting cell of the event(row) and the covering sources (column) is where you can define

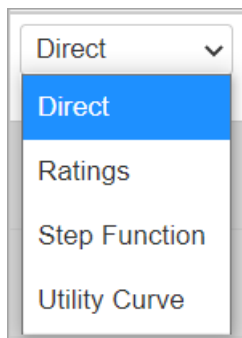
the measurement method.

You can only assign measurement methods for the controls that are previously identified to reduce the given event's vulnerabilities. The control identification is done from the [Controls > Identify > Controls for Event Vulnerabilities](#) page. Those un-assigned controls to the selected Event are disabled or greyed out.

From below, the selected control "**Monitoring Gate System**" is a potential control to reduce the vulnerability of the event "**Late Train Running**" given the source "**Disregarding or Not Following Proper Policies, Processes, or Procedures**", thus the measurement method dropdown selection is available.

		Select a control: Monitoring Gate System Approach			
Index	Event Name	Sources			
		Human Factor			
		Inadequately Trained Staff	Disregarding or Not Following Proper Policies, Processes, or Procedures	Lack of Situational Awareness	Engineers Failure to Properly Install Equipment
1	Late Train Running		<input type="text" value="Direct"/>		

You can select from four possible methods:



All the measurement methods except Direct have a measuring default scale which is already defined by Riskion.
