

Measurement Methods for Controls for Event Vulnerabilities (by Event)

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

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

MANAGE MODELS		IDENTIFY/STRUCTURE		LIKELIHOOD OF EVENTS		IMPACT OF EVENTS		RISKS		CONTROLS		CONTROLLED RISKS												
Identify	Measure	Manually Select	Optimize	Efficient Frontier																				
<ul style="list-style-type: none"> Measurement Methods <ul style="list-style-type: none"> for Controls for Sources for Controls for Event Vulnerabilities (by Event) for Controls for Event Vulnerabilities (by Control) for Controls to Objectives (by Event) for Controls to Objectives (by Control) Participants <ul style="list-style-type: none"> Invite participants Participant Roles Participant evaluate controls <ul style="list-style-type: none"> Evaluation status Collect my input Combined effectiveness for co... <ul style="list-style-type: none"> for Controls for Sources Combined effectiveness for co... <ul style="list-style-type: none"> of Controls for Event Vulnerabilities (by Event) of Controls for Event Vulnerabilities (by Control) Combined effectiveness for co... <ul style="list-style-type: none"> of Controls for Objectives (by Event) 													Add a control Paste controls Descriptions		Measurement Methods for Controls for Vulnerabilities Select an event: Late Train Running									
Index	Control Name	Sources			Environmental			Infrastructure																
		Human Factor																						
		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 Elec Power Los															
22	Monitoring Gate System Approach		Direct																					
23	Reprimand		Direct		Direct																			
24	Frequent Monitoring and Replacement (Signals/Sensors/Cables)																							
25	Engineer Credentials				Direct																			
26	On the spot training	Direct																						

From the grid above, you can assign the measurement method to use when evaluating the potential controls to mitigate the vulnerabilities of the selected event "Late Train Running" from Threats/Sources.

You can select another event using the "Select an event:" dropdown at the top of the grid:

Select an event:

- Late Train Running
- Degradation of Intelligent Monitoring System Physical Assets
- Line Closure
- Failed Integration with Future Monitoring System Network
- Intelligent Event Monitoring Network Shut Down
- Major Train Work Accident
- Minor Train Work Accident
- Major Train Public Accident

The Controls for Event Vulnerabilities are listed as rows under the "Control Name" column, and the succeeding column headings to the right are the Hierarchy of Sources. The intersecting cell of the controls (row) and the covering sources (column) is where you can define the measurement method.

Note: You can only assign measurement methods for controls that are previously identified for the selected Event. The control identification is done from the [Controls > Identify > Controls for Event Vulnerabilities](#) page. Those un-assigned controls to the selected Event have **disabled or greyed cells**.

From below, the control "**Monitoring Gate System**" is a potential control to reduce the vulnerability of the selected 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 an event: Late Train Running		
Index	Control Name	Sources		
		Human Factor		
		Inadequately Trained Staff	Disregarding or Not Following Proper Policies, Processes, or Procedures	Lack of Situational Awareness
22	Monitoring Gate System Approach		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.