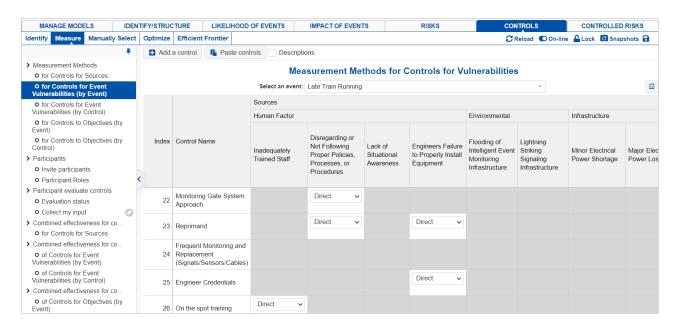# Measurement Methods for Controls for Event Vulnerabilities (by Event)
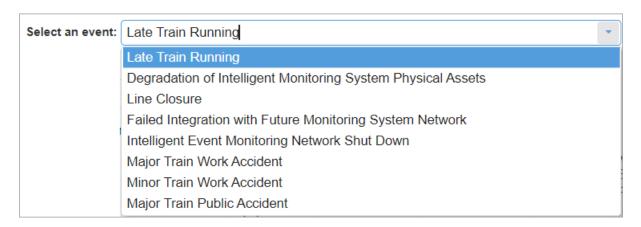
On this page, you can define the measurement method to use when evaluating the Controls for Event Vulnerabilities (by Event).

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

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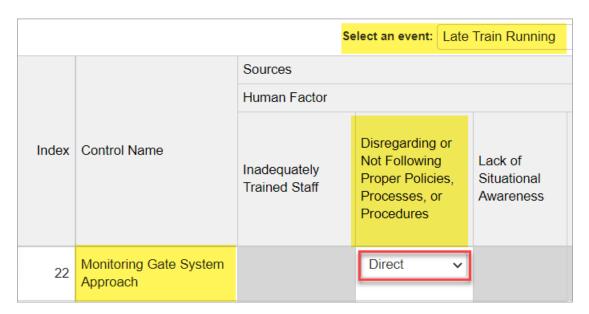
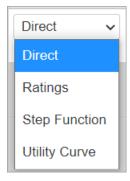You can select another event using the " **Select an event**:" dropdown at the top of the grid:

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 Eventhave **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.

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 ∨	

Select an event: Late Train Running

You can select from four possible methods:

Direct ∨
- Direct
- Ratings
- Step Function
- Utility Curve

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