

# Controls for Event Vulnerabilities (by Event)

Controls for Events Vulnerabilities can be viewed, added, and assigned to this page.

Here the controls are being assigned to one selected event given the threats/sources.

		Sources			Environmental		Infrastructure		
Index	Control Name	Human Factor			Flooding of Intelligent Event Monitoring Infrastructure	Lightning Striking Signaling Infrastructure	Minor Electrical Power Shortage	Major Electrical Power Loss	Mechanical Failure of Sensors
		Inadequately Trained Staff	Disregarding or Not Following Proper Policies, Processes, or Procedures	Lack of Situational Awareness					
22	Monitoring Gate System Approach		✓						
23	Reprimand		✓						
24	Frequent Monitoring and Replacement (Signals/Sensors/Cables)								✓
25	Engineer Credentials				✓				
26	On the spot training	✓							
27	Replace Operator	✓	✓						
28	Implement External Emergency Power						✓	✓	

From the grid above, you can assign the potential controls to mitigate the vulnerabilities of the selected event "Late Train Running" given Threats/Sources.

You can select another event using the "Select an event:" dropdown:


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

Next to the index column is the "Control Name" column which lists all the controls for "Event Vulnerabilities" as rows.

The succeeding column headings correspond to the Sources Hierarchy of your Riskion model.

The intersecting cells given the controls (row) and the covering sources (column) are clickable. Clicking a cell will show a

checkmark  which means that the control is a potential control of the event given the source. Clicking the same cell will uncheck the cell.

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".

Select an event: <b>Late Train Running</b>					
Index	Control 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
22	Monitoring Gate System Approach				
23	Reprimand				

The dark gray cells (disabled) mean that the source is not contributing to the selected event (event is not vulnerable to the source), thus you will not be able to assign a control for it. This is true for the **"Lack of Situational Awareness"** source in our example. You can assign to which sources an event is vulnerable on the ["Vulnerabilities Grid"](#).

Select an event: <b>Late Train Running</b>					
Control 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	
Monitoring Gate System Approach					
Reprimand					
Frequent Monitoring and Replacement (Signals/Sensors/Cables)					
Engineer Credentials					
On the spot training					
Replace Operator					

To add a new control to mitigate "Event Vulnerabilities, click the  button.

Add a control

Control name:

Cost:

Category:

Add category:  +

Here you can specify the Control Name, Cost, and categories. The Control name is required, once you enter the control name the OK button will be enabled.

The added control will be displayed as a new row on the Controls column.

You can add multiple controls at once by pasting them from the clipboard.

You can see the format by hovering on the Paste controls button

+
+ Add a control
Paste controls
 Descriptions

To paste controls from clipboard, include these columns, separated by a tab, or in separate worksheet columns:

- Control name
- Control description
- Control cost
- Control category 1 (if applicable)
- Control category 2 (if applicable)
- Control category n (if applicable)

Once you are ready, click "Paste controls".

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