

Combined Effectiveness of Controls for Event Vulnerabilities (by Control)

After **identifying** and measuring the controls, the Controls Effectiveness for groups and participants can be viewed on the Combined Effectiveness pages.

Depending on the control application, the %effectiveness can be viewed by:

- [Controls for Threats/Sources](#)
- [Controls for Event Vulnerabilities \(by Event\)](#)
- **Controls for Event Vulnerabilities (by Control)** - this page
- [Controls for Event Consequences \(by Event\)](#)
- [Controls for Event Consequences \(by Control\)](#)

The Combined Effectiveness for the **Controls for Event Vulnerabilities (by Control)** of the "All Participants" group is displayed below.

MANAGE MODELS		IDENTIFY/STRUCTURE		LIKELIHOOD OF EVENTS		IMPACT OF EVENTS		RISKS		CONTROLS		CONTROLLED RISKS	
Identify	Measure	Manually Select	Optimize	Efficient Frontier		<input type="button" value="Reload"/> <input type="checkbox"/> On-line <input type="button" value="Lock"/> <input type="button" value="Snapshots"/>							
<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 for Event Consequences (by Event) for Controls for Event Consequences (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 <ul style="list-style-type: none"> of Controls for Sources of Controls for Event Vulnerabilities (by Event) of Controls for Event Vulnerabilities (by Control) of Controls for Event Consequences (by Event) of Controls for Event Consequences (by Control) 		All Participants	<input type="button" value="Add a control"/>	<input type="button" value="Paste controls"/>	<input type="checkbox"/> Descriptions	Effectiveness of Vulnerabilities Controls Select a control: Monitoring Gate System Approach							
		Sources											
		Human Factor					Environmental						
	Index	Event Name	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					
	1	Late Train Running		<input type="text" value="0.35"/>									
	2	Degradation of Intelligent Monitoring System Physical Assets											
	5	Line Closure		<input type="text" value="0.75"/>	<input type="text" value="0.5"/>								
	6	Failed Integration with Future Monitoring System Network		<input type="text" value="0.75"/>									
	7	Intelligent Event Monitoring Network Shut Down		<input type="text" value="0.75"/>									
	8	Major Train Work Accident		<input type="text" value="0.9"/>	<input type="text" value="0.9"/>								
	9	Minor Train Work Accident											
	10	Major Train Public Accident		<input type="text" value="0.9"/>	<input type="text" value="0.9"/>								

The "All Participants" group is the average of the %effectiveness of all the participants who made the evaluation.

Note: You can also manually add or edit the %effectiveness for the "All Participants" group, which will override the calculated average, if any.

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) display the %Effectiveness of the selected group or participant.

You can view the %Effectiveness for another group or individual participant by selecting from the pull-down menu:

- All Participants ▾
- All Participants
- [C-Level Executives]
- [Engineering]
- Brian Quigley
- Chief Engineering Of...
- Chief Executive Officer
- Chief Risk Officer
- Control Expert
- Denis Risman
- Devin Nagy
- IT Supervisor
- John Doe
- Michael Mankowski
- Project Manager

Note: The %Effectiveness is only available 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 have **disabled or greyed cells**.

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 %effectiness is displayed:

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
1	Late Train Running		0.35