

# Measurement Methods for Controls for Event Consequences (by Control)

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

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

The screenshot displays the 'Measurement Methods for Controls for Consequences' interface. On the left, a navigation menu lists various measurement methods, with 'for Controls to Objectives (by Control)' highlighted. The main content area shows a table with columns for Objectives (Public Relations, Financial, Reliability, Availability, Maintainability) and rows for Events (Late Train Running, Degradation of Intelligent Monitoring System Physical Assets, Line Closure, Failed Integration with Future Monitoring System). A dropdown menu at the top allows selecting a control, currently set to 'Monthly safety meeting to review safety protocols'.

From the grid above, you can assign the measurement method to use when evaluating the selected control to mitigate the consequences of the events to Objectives.

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

The screenshot shows the 'Select a control:' dropdown menu. The dropdown is open, displaying a list of control options. The selected option is 'Monitoring Gate System Approach'. Other options include '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', and '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 Objectives. The intersecting cell given the event(row) and the covering objectives (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 consequences. The control identification is done from the [Controls > Identify > Controls for Event Consequences page](#). Those un-assigned controls to the selected Event are disabled or greyed out.

From below, the selected control "**Monthly safety meeting to review safety protocols**" is a potential control to reduce the consequence of the event "**Late Train Running**" given the source "**Loss of Customers**", thus the measurement method dropdown selection is available.

Select a control: Monthly safety meeting to review safety protocols					
Index	Event Name	Objectives			
		Public Relations		Financial	
		Loss of Company Reputation	Customer/Business Dissatisfaction with the Service/Network Efficiency	Loss of Customers	Financial Loss
1	Late Train Running			Direct	

You can select from four possible methods:

A dropdown menu with a white background and a grey border. The top item is "Direct" with a downward arrow. Below it are "Direct" (highlighted in blue), "Ratings", "Step Function", and "Utility Curve".

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

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