## Controls for Event Consequences (by Control)

In addition to managing (view, add, assign) the <u>Controls for Events Consequences for one selected event at a time (by</u> <u>Event</u>), you can also perform the same actions for one selected control at a time (by Control).

MANAGE MODELS	IDEN	TIFY/STRU	CTURE	LIKELIHOOD OI	F EVENTS IMP/	ACT OF EVENTS	1	RISKS		CONTROLS	CONTROLLE	ED RISKS
Identify Measure Manually	y Select	Optimize	Efficient Fre	ontier						CReload On-line	🔓 Lock 🖸 Sn	apshots 🖬
	Ŧ	🗄 Add	a control	Paste contro	Is Descriptions							
Controls     Controls for Sources     Controls for Event     Vulperabilities (by Event)	0	(	Control "N	"Monthly safety meeting to review safety protocols" to mitigate consequences of events to objectives Select a control: Monthly safety meeting to review safety protocols								tives
<ul> <li>Controls for Event</li> </ul>				Objectives								
Vulnerabilities (by Control)				Public Relations		Financial		Reliability, Ava		ilability, Maintainability		Performanc
Controls for Event Consequences (by Event) Consequences (by Control)		Index	Event Name	Loss of Company Reputation	Customer/Business Dissatisfaction with the Service/Network Efficiency	Loss of Customers	Financial Loss	Financial Liability Due to Accident	Loss of Maintenance Efficiency	Disruption/Damage to Service Line Infrastructure	Repair to Service Line Infrastructure	Temporary Line Closure
		1	Late Train Running			~				~		
		2	Degradation of Intelligent Monitoring System Physical Assets							~		~
		5	Line Closure									
		6	Failed Integration with Future Monitoring									

From the grid above, you can specify to which events the selected control "Monitoring Gate System Approach" can be applied to mitigate its consequences given objectives.

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

Select a control:	Monitoring Gate System Approach
	Monitoring Gate System Approach
	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
	Purchase latest hardware technology

Next to the index column is the "Event Name" column which lists all the events as rows. The succeeding column headings correspond to the Objectives Hierarchy of your Riskion model.

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

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

From below, the selected control "Monitoring Gate System" is a potential control to mitigate the consequence of the event "Late Train Running" given the objective "Loss of Customers".

			Select a c	ontrol: Monthly	y safety meeti	ng to review s	afety protocols			
Index	Event Name	Objectives								
		Public Relation	าร	Financial	Reliability, Availa					
		Loss of Company Reputation	Customer/Business Dissatisfaction with the Service/Network Efficiency	Loss of Customers	Financial Loss	Financial Liability Due to Accident	Loss of Maintenance Efficiency			
1	Late Train Running			$\checkmark$	_					

The dark gray cells (disabled) mean that the event is not contributing to the objective, thus you will not be able to assign a control for it. This is true for "Late Train Running" given "Loss of Maintenance Efficiency". You can assign to which objectives an event is contributing on the "<u>Consequences Grid</u>".

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

Add a contro	pl
Control name:	
Cost:	0.00
Category:	
Add category:	+
	OK Cancel

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 o	ontrols	Descriptions	C				
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)								
uences (by								

Once you are ready, click "Paste controls".