


Where Applied

This page displays the summary of all the potential controls, their applications, and the control cost:

MANAGE MODELS		IDENTIFY/STRUCTURE		LIKELIHOOD OF EVENTS		IMPACT OF EVENTS		RISKS		CONTROLS		CONTROLLED RISKS	
Identify	Measurement Methods	Participants	Combined Effectiveness	Manually Select	Optimize	Efficient Frontier				Reload	On-line	Lock	Snapshots
Controls and their Targets													
<ul style="list-style-type: none"> ▶ All Controls ○ Details ○ Where Applied ○ Categories ▶ Controls for Sources ▶ Controls for Event Vulnera... ○ by Event ○ by Control ▶ Controls for Event Conseq... ○ by Event ○ by Control 		Control Name		Targets			Control Cost						
		Source	Vulnerability of Events to Sources	Consequences									
		Monthly Performance Review	✓			\$10,000							
		Schedule Proper Maintenance	✓			\$150,000							
		Upgrade Signals	✓			\$20,000							
		Mandatory Training for Engineers	✓			\$60,000							
		Periodic Proficiency Training	✓			\$20,000							
		Identify Staff requiring additional training	✓			\$15,000							
		Update Sensor	✓			\$50,000							
		Back-up Generator Power	✓			\$15,000							
		Periodic Inspection/Maintenance of Power Relay Station	✓			\$15,000							
		Predeployment Software Testing	✓			\$72,000							
		Quality Control of Cables	✓			\$2,000							
		Employ Higher Security	✓			\$4,000							
		Increase physical security	✓			\$19,000							
		Emplace flood prevention material	✓			\$13,000							
		Employ Water Pumps	✓			\$4,000							
		Periodic System Functional Checks	✓			\$10,000							
		Planned System Software Upgrades	✓			\$13,000							
		Prevent External Network Attacks	✓			\$10,000							
		Network Access Protocols	✓			\$8,000							
		Monthly Software Control Board	✓			\$5,000							
		Internal Emergency Communication System	✓			\$14,000							
		Monitoring Gate System Approach		✓		\$5,000							
		Reprimand		✓		\$500							
		Frequent Monitoring and Replacement (Signals/Sensors/Cables)		✓		\$5,000							
		Engineer Credentials		✓		\$11,000							
		On the spot training		✓		\$6,000							
		Replace Operator		✓		\$200							
		Implement External Emergency Power Support		✓		\$20,000							
		Power Redistribution via National Grid		✓		\$80,000							
		Reboot from Software back-up		✓		\$30,000							
		Disaster Recovery System by different ISP		✓		\$75,000							
		Increase Security Measures		✓		\$20,000							
		Purchase and install latest bespoke and COTS SW version		✓		\$50,000							
		Isolate Network from external access		✓		\$100,000							
		Monthly safety meeting to review safety protocols			✓	\$500							
		Implement high vis personal protective equipment			✓	\$2,500							
		Maintain proper insurance policy			✓	\$500							
		Follow safety protocols for moving trains into and out of sidings			✓	\$2,000							
		Use emergency response team to assess and repair damage			✓	\$20,000							
		Use media to demonstrate safety record and following safety protocols			✓	\$8,000							
		Implement 24h repair schedule			✓	\$40,000							
		Follow safety protocols for running trains on the main track			✓	\$2,000							
		Public media campaign awareness to promote safety on trains			✓	\$100,000							
		Public media campaign to promote better service			✓	\$75,000							
		Maintain regular maintenance schedule			✓	\$100,000							
		Install state of the art software and hardware equipment			✓	\$250,000							
		Install wider network monitoring system compatible software and hardware			✓	\$250,000							

Clicking the checkmark  to the right of a control will open a dialog with the control details: applications and %effectiveness.

Control Name	Event Name	Source/Objective Name	Effectiveness
Monthly Performance Review		Disregarding or Not Following Proper Policies, ...	25%
Monthly Performance Review		Engineers Failure to Properly Install Equipment	10%

The control "Monthly Performance Review" is a control for Sources: "Disregarding or Not Following Proper Policies" and "Engineers Failure to Properly Install Equipment", with 25% and 10% effectiveness respectively.

