

Optimized Risk Reduction Plan

This report presents a recommended sequence of mitigation steps that will reduce the system's risk to a given target level in the most cost-effective way. Each step in the plan is comprised of countermeasures that should be implemented in order to achieve the step's contribution to risk reduction.

System's Risk Status

(in % of total system assets value)

Maximal risk	34.8	%
Minimal risk	10.3	%
Current risk	34.8	%

Step # : 1

List of countermeasures that should be implemented in this step:

C023 EPS,Monitor AUP violations

Countermeasure Implementation Cost:	28,000 \$
Accumulated Cost of Step:	28,000 \$
Accumulated Cost of Plan:	28,000 \$

C009 SDLC,Enforce security code review

Countermeasure Implementation Cost:	50,000 \$
Accumulated Cost of Step:	78,000 \$
Accumulated Cost of Plan:	78,000 \$

Risk remaining after implementation of step's countermeasures: 12.8 %

Step # : 2

List of countermeasures that should be implemented in this step:

C025 EPS, Monitor unusual file transfers

Countermeasure Implementation Cost:	14,000 \$
Accumulated Cost of Step:	14,000 \$
Accumulated Cost of Plan:	92,000 \$

C022 EPS, Alert on transfer of structured data from enterprise mgmt/design databases

Countermeasure Implementation Cost:	28,000 \$
Accumulated Cost of Step:	42,000 \$
Accumulated Cost of Plan:	120,000 \$

C020 AUP, establish procedure and enforce for insider disclosures

Countermeasure Implementation Cost:	25,000 \$
Accumulated Cost of Step:	67,000 \$
Accumulated Cost of Plan:	145,000 \$

Risk remaining after implementation of step's countermeasures: **11.1 %**

Step # : 3

List of countermeasures that should be implemented in this step:

C021 EPS,Alert on Web postings

Countermeasure Implementation Cost:	14,000 \$
Accumulated Cost of Step:	14,000 \$
Accumulated Cost of Plan:	159,000 \$

Risk remaining after implementation of step's countermeasures: 10.3 %