

Implementation

PREDEFINED IMPACT AREAS:

1. Reputation and Customer Confidence
 2. Financial
 3. Productivity
 4. Safety and Health
 5. Fines and Legal Penalties
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Q1) What are the number of employees working in your company.

Risk Measurement Criteria

1) Reputation/customer confidence.

Q1) What is the reputation of the company/organization.

- 1) LOW
- 2) MEDIUM
- 3) HIGH

Q2) Based on above reputation loss what is the category of customers that might lose the confidence in the company.

- 1) LOW
- 2) MEDIUM
- 3) HIGH

Q3) OTHER

2) Financial

Q1) Based on Operating Cost which category will the asset fall under.

- 1) LOW
- 2) MEDIUM
- 3) HIGH

Q2) What is the revenue loss that your company might incur if the asset is at risk.

- 1) LOW
 - 2) MEDIUM
 - 3) HIGH
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3)Productivity

Q1) What is productive range of the organization based on staff working hours

- 1) LOW
 - 2) MEDIUM
 - 3) HIGH
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4) Safety and health

Q1) How likely is the life of the employees at risk if the asset is attacked.

- 1) LOW
- 2) MEDIUM
- 3) HIGH

Q2) How likely is the health of the employees to be degraded if the asset is attacked.

- 1) LOW
- 2) MEDIUM
- 3) HIGH

Q3) How likely is the life of the employees at risk if the asset is attacked.

- 1) LOW
 - 2) MEDIUM
 - 3) HIGH
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5) Fines/legal penalties

Q1) How likely is the company to bear Legal Fines

- 1) LOW
- 2) MEDIUM
- 3) HIGH

Q2) How open is the organization open to investigations from non-government, government and government or other organizations.

- 1) LOW
- 2) MEDIUM
- 3) HIGH

Developing Asset Profile

Q1) Which among pre-defined impact areas does the company feel more important sort in descending order?

PRIORITY	IMPACT-AREAS
	REPUTATION AND CUSTOMER CARE
	FINANCIAL
	PRODUCTIVITY
	SAFETY AND HEALTH

PRIORITY	IMPACT-AREAS
	FINES AND LEGAL

Develop Information Asset Risk

Severity Calculation

Impact-Area	Value	Score
REPUTATION AND CUSTOMER CARE		
FINANCIAL		
PRODUCTIVITY		
SAFETY AND HEALTH		
FINES AND LEGAL		

Note

Value is calculated based on previous responses from the organization (i.e) LOW, MEDIUM, HIGH / taken average.

Tip

To calculate the economic range of the company if required we can use the below findings.

Based on the above input we define the coefficient by which we can define the α hence defining the economic range of the company.

 **Size<40000**

$$\alpha = \frac{(as^3 + bs^2 + cs)}{11.7}$$

 **Size>40000**

$$\alpha = \frac{de^{k s} + le^{m s}}{10^6}$$

where,

$$a=1.04 \times 10^{-12}$$

$$b=-6.54 \times 10^{-8}$$

$$c=1.41 \times 10^{-3}$$

$$d=1.815 \times 10^7$$

$$k=2.125 \times 10^{-7}$$

$$l= 0.5838$$

$$m= 6.398 \times 10^{-5}$$

