

Threat Assessment Assignment

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ITMS-588

VSB Threat Matrix / Total Risk

	Significance (1-5)	Occurrence (1-5)	Total Risk
	<u>A:</u> <u>Operating Impact</u> Low (1) Medium (3) High (5)	<u>B:</u> <u>Historical Likelihood</u> Extremely Low (1) Very Low (3) Low (5)	<u>A x B:</u> <u>Total Risk</u> (Significance x Likelihood)
Environmental (Availability)			
Earthquake	3	0	0
Flood	2	1	2
Blizzard / Ice Storm	1	2	2
Tornado	1	0	0
Hail	1	1	1
Systemic (Availability)			
Terrorism (Water, Air, Bomb)	5	1	5
Power Failure	5	4	20
Riot	3	0	0
Fire	5	2	10
Transportation Issues (Strike, Fuel, Roads)	1	2	2
Financial Market Failure	5	0	0
Communication Line Failures	5	3	15
Denial of Service	3	3	9
Ransomware	4	2	6
Server Failure	5	2	10
ERP Software Failure	4	3	12
Hardware Theft (Laptops, phones, etc.)	3	2	6
Electronic (Confidentiality)			
Data Compromise	5	3	15
Data Leakage	5	4	20
Insider Attack	5	1	5

Assessed Risk Rating	Categorization
20 - 25	Critical Risk
15 – 19	High Risk
10 – 14	Above Average Risk
5 – 9	Average Risk
0 – 4	Negligible Risk

