**Risk Assessment Matrix Template**

**General risk assessment matrix**

**Impact of risk event**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **No impact** | **2** | **3** | **4** | **5** | **Worst possible** |
| **Most likely** | 6 | 7 | 8 | 9 | 10 | 11 |
| **5** | 5 | 6 | 7 | 8 | 9 | 10 |
| **4**  **Likelihood** | 4 | 5 | 6 | 7 | 8 | 9 |
| **3** | 3 | 4 | 5 | 6 | 7 | 8 |
| **2** | 2 | 3 | 4 | 5 | 6 | 7 |
| **Least likely** | 1 | 2 | 3 | 4 | 5 | 6 |

**Risk assessment calculation matrix**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | *Column A* | *Column B* | *Column C* | *A x B x C* |
| **Risk event** | **Likelihood** | **Overall impact severity** | **Financial impact** | **Calculated risk factor** |
| **External threats** |  |  |  |  |
| Severe weather |  |  |  |  |
| Loss of power |  |  |  |  |
| Fire or flood |  |  |  |  |
| Loss of internet |  |  |  |  |
| Loss of data center |  |  |  |  |
|  |  |  |  |  |
| **Internal threats** |  |  |  |  |
| Loss of staff |  |  |  |  |
| Loss of offices |  |  |  |  |
| Loss of phones |  |  |  |  |
| Loss of website |  |  |  |  |
|  |  |  |  |  |

Enter value 0.0 to 1.0 in each column based on threat analysis data

1. = No damage or disruption, no likelihood of occurrence
2. = Severe damage or disruption; 100% likelihood of occurrence

**Calculated risk factor ratings**

**0.0 to 0.2 = Low to minimal business risk indicated**

**0.2 to 0.4 = Moderate to high business risk indicated**

**0.4 to 0.8 = Serious business risk indicated**

**0.8 to 1.0 = Catastrophic business risk indicated**

**Example risk assessment calculation**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | *Column A* | *Column B* | *Column C* | *A x B x C* |
| **Risk event** | **Likelihood** | **Overall impact severity** | **Financial impact** | **Calculated risk factor** |
| **External threats** |  |  |  |  |
| Severe weather | 0.6 | 0.3 | 0.3 | 0.054 |
| Loss of power | 0.5 | 0.7 | 0.7 | 0.245 |
| Fire or flood | 0.3 | 0.7 | 0.6 | 0.126 |
| Loss of internet | 0.2 | 0.9 | 0.9 | 0.162 |
| Loss of data center | 0.3 | 0.8 | 0.8 | 0.192 |
|  |  |  |  |  |
| **Internal threats** |  |  |  |  |
| Loss of staff | 0.5 | 0.7 | 0.8 | 0.28 |
| Loss of offices | 0.3 | 0.3 | 0.4 | 0.036 |
| Loss of phones | 0.3 | 0.7 | 0.7 | 0.147 |
| Loss of website | 0.3 | 0.8 | 0.8 | 0.192 |
|  |  |  |  |  |