PART 1 – INFORMATION ASSET INVENTORY AND PRIORITIZATION

TABLE 1 - LISTING OF INFORMATION ASSETS

Table 1: Listing of Information Assets for *Case Organization*

Asset	Data Owner	Type of Sensitive Data
1) AD Service	CIO	PII
2) AD SQL DB	CIO	PII
3) DNS Service	IT Tech – Systems & Servers	N/A
4) DNS SQL DB	IT Tech – Systems & Servers	N/A
5) 2013 Email Server	IT Tech – Systems & Servers	PII, Intellectual Property (IP)
6) Email DB	IT Tech – Systems & Servers	PII, IP
7) Accounting Software	Senior Accountant	PII, FERPA
8) Accounting SQL DB	Senior Accountant	PII, FERPA
9) Distribution Software	Manager, Distribution	PII, Conf, PCI, IP
10) Distribution SQL DB	Manager, Distribution	PII, Conf, PCI, IP
11) ERP Software	Manager, IT	Intellectual Property (IP)
12) ERP SQL DB	Manager, IT	Intellectual Property (IP)
13) NAS 1 Server	Manager, IT	PII, Conf, PCI, IP
14) NAS 1 Server DB	Manager, IT	PII, Conf, PCI, IP
15) Microsoft Office 365 Server	IT Tech – Systems & Servers	Intellectual Property (IP)
16) Microsoft Office DB	IT Tech – Systems & Servers	IP, PII
17) Internet Info Server	IT Tech -Networking	Intellectual Property (IP), PII
18) Human Resource Information System (HRIS)	Manager, HR	PII, ePHI
19) HRIS DB	Manager, HR	PII, ePHI
20) IIS/Forefront TMG	IT Tech -Networking	Intellectual Property (IP), PII
21) IIS/Forefront TMG DB	IT Tech -Networking	Intellectual Property (IP), PII
22) IT Support System	IT Tech – Systems & Servers	Intellectual Property (IP), PII
23) IT Support System DB	IT Tech – Systems & Servers	Intellectual Property (IP), PII
24) NAS 2 Server	Manager, IT	PII, IP, ePHI
25) NAS 2 Server DB	Manager, IT	PII, IP, ePHI

TABLE 2 – WEIGHTED RANKING OF INFORMATION ASSETS
Table 2: Weighted Ranking of Information Assets

Criteria ➜	Impact on Business Operations	Sensitivity of Data	Financial Impact	Regulatory Compliance	Access Control	Total 0-5.0
Criteria Weight➜ ⬇Asset Name	0.30	0.25	0.20	0.15	0.10	
1) AD Service	4	4	3	3	4	3.60
2) AD SQL DB	5	3	4	5	4	4.05
3) NAS 1 Server	3	4	3	3	3	3.30
4) NAS 1 Server DB	4	5	5	4	3	4.20
5) Human Resource Information System (HRIS)	5	5	5	4	3	4.55
6) HRIS DB	5	5	5	4	3	4.55
7) NAS 2 Server	3	4	3	3	3	3.30
8) NAS 2 Server DB	4	5	5	4	3	4.20
9) Accounting Software	4	4	4	3	3	3.60
10) Accounting SQL DB	4	4	4	4	3	3.90
11) Distribution Software	5	4	4	4	5	4.55
12) Distribution SQL DB	5	4	4	4	5	4.55
13) ERP Software	5	4	4	5	3	4.20
14) ERP SQL DB	5	4	4	5	3	4.20
15) IIS/Forefront TMG	4	3	3	4	3	3.40
16) IIS/Forefront TMG DB	4	3	3	4	3	3.40
17) DNS SQL DB	4	4	4	3	3	3.60
18) 2013 Email Server	5	4	4	5	4	4.40
19) Email DB	5	4	4	5	4	4.40
20) DNS Service	4	4	4	3	3	3.60
21) Microsoft Office 365 Server	5	4	4	5	3	4.20
22) Microsoft Office DB	5	4	4	5	3	4.20
23) IT Support System	4	4	4	4	4	4.05
24) IT Support System DB	4	4	4	4	4	4.05
25) Internet Information Server	4	3	3	4	3	3.40

Criteria:

1. **Impact on Business Operations (0.30)**: How critical the asset is to daily operations.

2. **Sensitivity of Data (0.25)**: Type of sensitive data it holds.

3. **Financial Impact (0.20)**: Potential financial loss if the asset is compromised.

4. **Regulatory Compliance (0.15)**: Impact on compliance with regulations.

5. **Access Control (0.10)**: The level of access control needed for the asset.