

Information asset	Known or suspected threats	Known or suspected vulnerabilities	Primary concerns (C/I/A)	Possibility of occurrence	Impact level	Raw risk level	Key information security controls in effect	Incident undetectability	Detected risk level	Mean risk total
Web system	Hacking	lack of awareness;Internet connectivity; inadequate firewall protection; web client;	I + A	1	4	4	Network security controls; system security controls; data security controls	2	8	12
	Social engineering	Limited compliance with procedures; lack of awareness of the threat	C	1	4	4	Data protection policies & procedures; network security controls; system security controls	4	16	
Database	Social engineering	Limited compliance with procedures; lack of awareness of the threat	C	0.5	3	1.5	Data protection policies & procedures; ongoing awareness program	3	4.5	10
	Poor quality data	Poor quality information provided; incomplete checking and updating	A + I	3.5	2	7	Built-in integrity checks; routine procedures for checking & correcting data; ad hoc re-checks	2	14	
	Hacking	Internet connectivity; inadequate firewall protection	C + I	1	4	4	Data protection policies & procedures; network security controls; system security controls	3	12	
LAN	Hacking	Lack of awareness; inadequate firewall protection;Internet connectivity	A + I	1	4	4	network security controls; system security controls; data security controls	3	12	16
	Virus, worm, trojan or other malware	internet connectivity;low security;inadequate firewall protection	C+I+A	2	4	8	network security controls; system security controls; data security controls	3	24	
	Data or system corruption	low security;internet connection;user system access overload	A + I	3	4	12	login controls;network security controls	1	12	
Backup tapes	Theft	low security	A+C+I	1	3	3	security controls	1	3	5
	Accidental or criminal damage, sabotage	low security	A+C	3	3	9	security controls	1	9	
	Fire, flood	low security;environment issues;	C+A	1	2	2	security controls;envirnmental controls	1	2	
PC's, laptops, PDAs etc. used by staff	Theft	low security	C+I+A	2	4	8	security controls	1	8	13
	Accidental or criminal damage, sabotage	low security;unexperienced access	C+A+I	4	4	16	security controls;employee training	2	32	

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