PART 3 – CALCULATING RISK

TABLE 4 – LIGHTWEIGHT RISK ASSESSMENT FOR INFORMATION ASSETS

	Software Attacks	Cyberattack	Information Extortion	Insider Threat	Phishing
Distribution Software	*L = 4* *I = 5* *Risk = 20*	*L = 4* *I = 4* *Risk = 16*	*L = 4* *I = 4* *Risk = 16*	*L = 5* *I = 5* *Risk = 25*	*L = 5* *I = 5* *Risk = 25*
Distribution SQL DB	*L = 4* *I = 5* *Risk = 20*	*L = 4* *I = 4* *Risk = 16*	*L = 4* *I = 4* *Risk = 16*	*L = 5* *I = 5* *Risk = 25*	*L = 5* *I = 5* *Risk = 25*
Human Resource Information System (HRIS)	*L = 4* *I = 5* *Risk = 20*	*L = 3* *I = 4* *Risk = 12*	*L = 3* *I = 3* *Risk = 9*	*L = 3* *I = 4* *Risk = 12*	*L = 5* *I = 5* *Risk = 25*
HRIS DB	*L = 4* *I = 5* *Risk = 20*	*L = 3* *I = 4* *Risk = 12*	*L = 3* *I = 3* *Risk = 9*	*L = 3* *I = 4* *Risk = 12*	*L = 5* *I = 5* *Risk = 25*
2013 Email Server	*L = 3* *I = 4* *Risk = 12*	*L = 3* *I = 4* *Risk = 12*	*L = 2* *I = 5* *Risk = 10*	*L = 4* *I = 3* *Risk = 12*	*L = 5* *I = 5* *Risk = 25*

Risk Recommendations:

- Implement advanced threat detection systems and regular software updates to mitigate the risk of software attacks and cyberattacks.
- Enhance employee training and establish robust security protocols to defend against information extortion, phishing and insider threats.
- Regularly back up critical data and test recovery plans to ensure quick recovery from system failures and natural disasters.