

# Risk Register Report

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## Executive Summary

Total Risks	8
Critical	1
High	3
Medium	2
Low	2
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# Detailed Risk Register

ID	Risk Name	Likelihood	Impact	Score	Severity	Controls
1	Ransomware Attack	4	5	20	Critical	None
2	Insider Threat	3	5	15	High	CC6.6, CC6.1
3	DDoS Attack	3	4	12	Medium	CC6.6
4	Unpatched Systems	4	4	16	High	CC7.1, CC6.1
5	API Security Breach	3	5	15	High	CC6.1
6	Third-Party Vendor Risk	3	3	9	Low	CC6.1
7	Data Loss	2	4	8	Low	None
8	Social Engineering	4	3	12	Medium	None

## Risk Details

**Risk 1: Ransomware Attack**  
Potential ransomware infection through phishing emails or malicious downloads

**Risk 2: Insider Threat**  
Malicious or negligent employees accessing sensitive data without authorization

**Risk 3: DDoS Attack**  
Distributed denial of service attack disrupting online services and availability

**Risk 4: Unpatched Systems**  
Critical security vulnerabilities due to outdated software and missing patches

**Risk 5: API Security Breach**  
Insecure API endpoints exposing sensitive customer and business data

**Risk 6: Third-Party Vendor Risk**  
Security vulnerabilities introduced through third-party vendors and suppliers

**Risk 7: Data Loss**  
Accidental deletion or loss of critical business data due to inadequate backups

**Risk 8: Social Engineering**  
Attackers manipulating employees to divulge confidential information