

Cybersecurity Risk Assessment Report

Company:

CosmeticReplenish Inc.

Company Overview:

CosmeticReplenish Inc. is a company specializing in the manufacturing of cosmetic items along with store distribution.

Identified Assets:

Customer Personal Data

Research & Development Data

Supplier/Inventory Management System

Potential Threats:

Customer Personal Data:

- Ransomware
- Data breach

Research & Development Data:

- Corporate Espionage
- Unsecure Cloud Security

Supplier/Inventory Management System:

- Data Tamper
- Chain Attacks

Risk Matrix (Likelihood v. Impact):

| Threat | Likelihood | Impact |
|------------|------------|--------|
| Ransomware | High | High |

| | | |
|-------------------------|--------|--------|
| Data Breach | High | High |
| Corporate Espionage | Low | Medium |
| Unsecure Cloud Security | Medium | High |
| Data Tamper | Medium | Medium |
| Chain Attacks | Low | Medium |

Proposed Mitigations:

Multi-Factor Authentication

Data Encryption

Data Loss Prevention

Non Disclosure Agreements

Audit Logs

Summary:

CosmeticReplenish Inc. shows inconsistencies with overall data and product security. To lessen the risk of these threats, it is highly recommended for a security and product audit. Security audits should include penetration testing, vulnerability assessments, access controls, authentication mechanisms, and evaluation of data protection. Product audits should focus on security verification of software/systems, protection of intellectual property/R&D Data, security of supply chain and inventory systems. Implementing and practicing these audits would allow for improvements in operation efficiency and reduce risks of data leaks/tampering.