



A Minimum Viable Security Program

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Experience

- 20 years in software development
- 10 years in information security

Past Positions

- Director of InfoSec, WebMD Health Services
- Senior AppSec Architect, WorkBoard
- Senior Risk Advisor, Leviathan Security

Current Work

- Independent Information Security Consultant

Volunteer

- Western Oregon University CS Advisory Board
- OWASP AppSec Days PNW (2021-2024)

Getting the Slides

safetylight.dev/talks

Talks



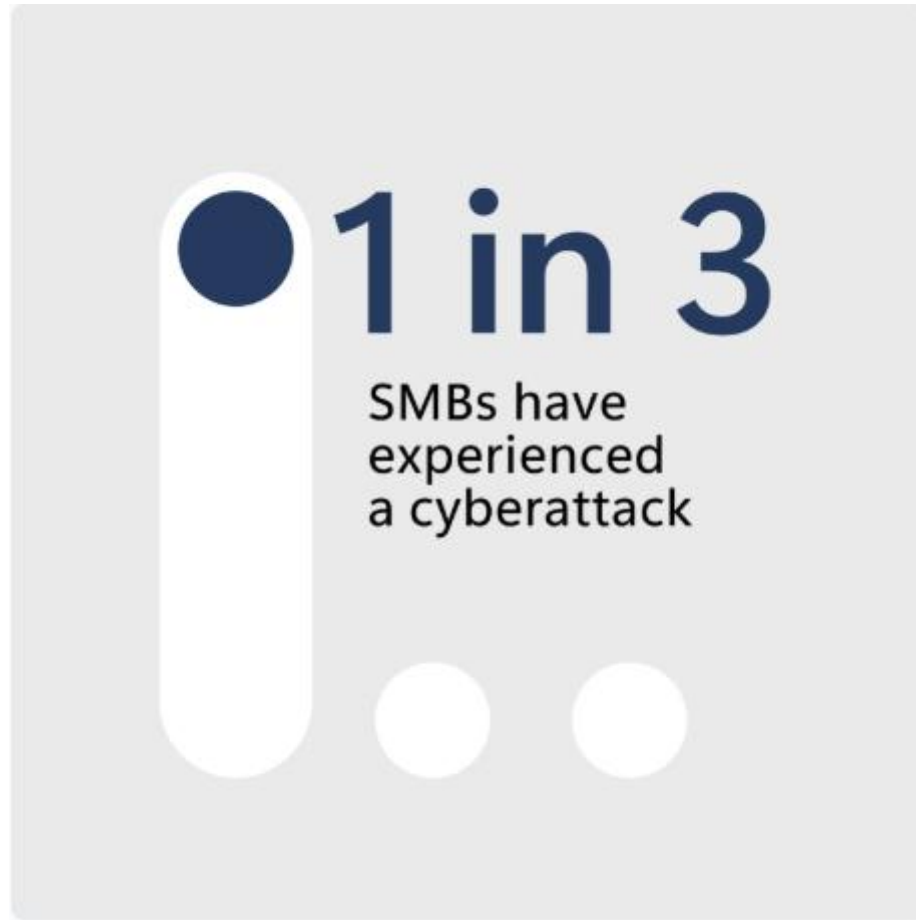
Brian is available as a speaker. He has presented for BSides Seattle, BSides Portland, BSides Idaho Falls, Oregon Cyber Resilience Summit, ISACA Portland Chapter, OWASP Portland Chapter, Western Oregon University, Technology Association of Oregon, PNSQC, and others.

A Minimum Viable Security Program: The Critical Early Steps

Shows how startups can apply lightweight, risk-based practices to achieve real security long before pursuing compliance. [\[details\]](#) [\[slides\]](#)

Cyber Reality for Small Businesses

SMB Cybersecurity Research Report (2024)



Real Incidents, Real Costs

Construction firm	Ransomware found an open remote-desktop port. Every project file was lost.
Dental clinic	An employee clicked a phishing email. Patient data leaked. Weeks of rebuilding trust.
Retailer	An email looked like it came from the owner. Three months of salaries gone.
Law Firm	No one applied Microsoft's Exchange patch. Data on 100,000 patients stolen. Legal fines: \$200,000.
Property management	Laptop stolen from employee car. Data on 620 residents exposed. \$15,000 in fines. Ordered to comply with its own written security program.

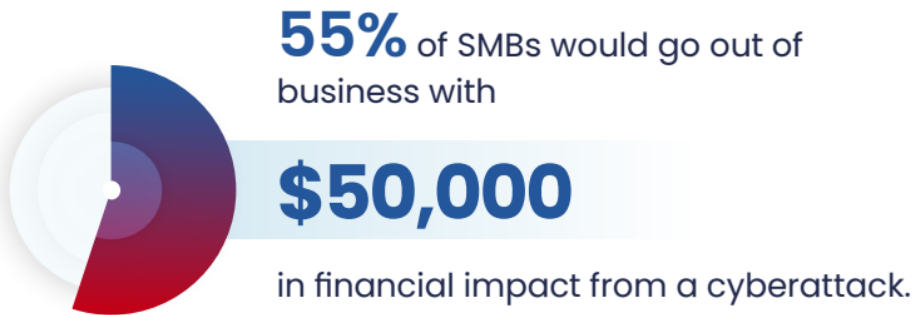
Average and high end of cyberattack costs:

	Average costs	High end of costs
Investigation and recovery	\$77,957	\$3,930,000
Fines	\$20,623	\$655,000
Cost to reputation	\$73,393	\$1,310,000
Missed opportunities	\$23,806	\$6,550,000
Other costs	\$58,666	\$3,275,000

SMBs have to run a tight ship on tight margins. It's no surprise that VikingCloud data shows **a successful cyberattack could put nearly**

1 in 5 SMBs out of business.

The ramifications of an SMB cyberattack can be crippling:



**VikingCloud's 2025 SMB
Threat Landscape Report**

What Guidance do SMBs Get?

SOC 2 or ISO 27001

Effort Dimension	Typical Range
Total time for first audit	3-12 months
Cost of first audit	\$15,000 - \$60,000
Annual staff hours	Hundreds of hours
Annual audit	\$8,000 - \$40,000

Standards and Guidelines for SMBs

Australia	<u>Essential Eight</u>
Canada	<u>Baseline Cyber Security Controls for Small and Medium Organizations</u>
CIS	<u>Critical Security Controls: Implementation Group 1 (IG1)</u>
CISA	<u>Cyber Essentials</u>
ENISA	<u>12 Steps to Securing Your Business</u>
FTC	<u>Cybersecurity for Small Business</u>
Mastercard	<u>Small Business Cybersecurity "Quick Wins"</u>
NCSC (UK)	<u>Cyber Essentials</u>
NIST	<u>Cybersecurity Framework (CSF) 2.0 Small Business Quick-Start Guide</u>

Unmanaged assets
Sensitive data exposure
Unowned security gaps
Unauthorized access
Malware infection
Network intrusion
Exploited vulnerabilities
Data loss




Slow incident response
Third-party breach
Business disruption
Human error
Undetected issues
Software flaws
Uncontrolled changes
Key compromise

Physical damage
System overload
Missing audit evidence
Access approval gaps
Privilege misuse
Excess data retention
Weak contracts
Poor system design
Regulatory failure
No performance metrics
Portable device leakage
Unmonitored code changes

SMB Guidelines

Risk Universe



Maturity	Data Backup	Patch Management
	<ul style="list-style-type: none"> • Make backups regularly. 	<ul style="list-style-type: none"> • Apply vendor patches ad hoc.
	<ul style="list-style-type: none"> • Keep backups offsite. • Test ability to restore. 	<ul style="list-style-type: none"> • Set a patching cadence. • Expedite critical patches.
	<ul style="list-style-type: none"> • Document RPO/RTO. • Run restore drills often. 	<ul style="list-style-type: none"> • Automate scanning. • Report on patch status.

An Effort to Help

Criteria for MVSP

A minimal security program should include controls that are:

- Needed by most companies
- Directly address common threats
- Give good value for the cost
- Are foundations for other best practices

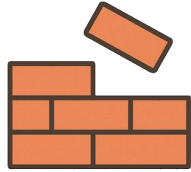




- Security starter kit
- Substantial risk reduction
- Digestible by a small org
- Foundation for growth



- Not a certification
- Not auditable
- Not a fully mature state



FOUNDATION

- Assets
- Classifications



SAFEGUARDS

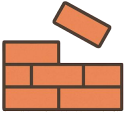
- Identity
- User Devices
- Infrastructure



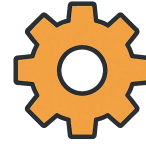
OPERATIONS

- Resilience
- Supply Chain
- Governance

MVSP Main Points



- Create asset inventories



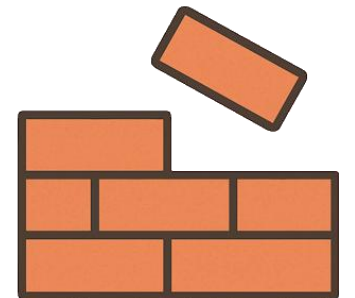
- Back up data
- Retain system logs
- Plan for incidents
- Assess vendors
- Assign a security leader
- Write a working agreement
- Train staff
- Review risks periodically

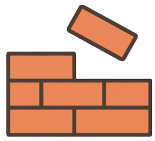


- Centralize identities
- Require MFA
- Grant minimum permissions
- Protect user devices
- Filter spam
- Secure network access

Foundation: Assets and Classification

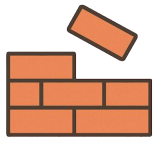
- Create inventories of all:
 - hardware assets
 - software assets
 - data assets
- Create a data classification scheme
 - Include rules for handling data in each classification





Create asset inventories

Asset Type	Owner	Data Sensitivity	Serial # or ID	Lifecycle	Vendor/Provider	Notes
Hardware	IT Manager	Confidential	SN-LAP101	Active	Dell	Encrypted, under warranty until 2026
Hardware	IT Manager	Internal	SN-LAP102	Active	Apple	Encrypted, auto-updates enabled
Hardware	IT Manager	Internal	SN-LAP103	Retired	HP	Awaiting disposal
Software	Ops Manager	Confidential	-	Active	Google	Covers email, docs, storage
Software	Ops Manager	Internal	-	Active	Slack Technologies	Collaboration and messaging
Software	Finance Lead	Confidential	-	Active	Intuit	Accounting and payroll
Data	CTO	Restricted	-	Active	Salesforce	Holds customer accounts and contracts
Data	HR Lead	Restricted	-	Active	Workday	Personnel files, benefits
Data	Marketing Director	Confidential	-	Active	HubSpot	Collected leads



Create a data classification scheme

Classification	Description	Examples	Access
Public	Intended for people outside the company	Website, press releases...	Anyone
Internal	Routine business info not meant for public	Policies, internal emails...	All staff
Confidential	Sensitive business information	Contracts, personnel reviews...	Authorized staff
Restricted	Regulated data or security secrets	PII, encryption keys...	Execs or sysadmins only

Safeguards: Identity and Access

IDENTITY AND ACCESS

- Require passwords be unique, strong, and not shared.
- Manage all staff identities in one place.
- Configure everything you can to use SSO.
- Require MFA.
- Assign users minimum necessary permissions.



Safeguards

USER DEVICES

- Ensure all user devices:
 - Require login
 - Use the primary identity provider
 - Are configured securely
 - Have anti-virus protection
 - Get updates regularly
- Configure company email provider to filter spam

INFRASTRUCTURE

- Ensure company-managed networks:
 - Are securely configured
 - Are protected by a firewall
 - Require a secure connection for remote access
 - Require encryption for any supported Wi-Fi



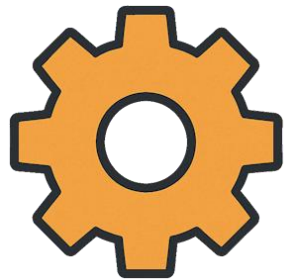
Resources for Safeguards



Topic	Resource	Source
SSO	<u>How to Implement Single Sign-On Office 365; Google Workspace</u>	Security Senses Microsoft; Google
MFA	<u>Multi-factor Authentication for Your Corporate Online Services</u> <u>Implementing Phishing-Resistant MFA</u>	NCSC CISA
Passwords	<u>Password Administration for System Owners</u> <u>Password Policy Recommendations for Microsoft 365</u>	NCSC Microsoft
User devices	<u>Device Security Guidance</u>	NCSC
Network	<u>Network Architectures</u> <u>Modern Approaches to Network Access Security</u>	NCSC CISA
Remote Work	<u>Home Working: Preparing Your Organization</u> <u>Bring Your Own Device (BYOD)</u>	NCSC NCSC
Wi-Fi	<u>Securing Wireless Networks</u>	CISA

Operations: Resilience; Supply Chain

- Back up critical data.
- Configure systems to keep system event logs.
- Make plans for:
 - Recovering from disruptions.
 - Responding to security incidents.
- Evaluate vendors/partners.
- Make sure staff know their security responsibilities.



Resources for Operations



Topic	Resource	Source
Logging & Monitoring	<ul style="list-style-type: none">• Logging and Protective Monitoring• Best Practices for Event Logging and Threat Detection	NCSC (UK) ASD (AU)
Vendor Assessment	<ul style="list-style-type: none">• CAIQ-Lite (Consensus Assessment Initiative Questionnaire)• Information and Communications Technology Supply Chain Risk Management Template for SMBs [<i>spreadsheet</i>]	CSA CISA
Training	<ul style="list-style-type: none">• Top Tips for Staff• Hook Minute (phishing test)	NCSC (UK) Hook Security

- Procedures
- Appendix A: Contact Info
- Appendix B: Resources

Questions to Address in the BC/DR Plan

- If something goes wrong, who decides what to do first?
- Which systems are business critical?
- How will we take payments if the eCommerce vendor is down?
- How will we communicate if email and chat are out?
- What steps do we follow to restore backups?
- Who is authorized to talk to customers about outages?

- What is an Incident?
- Response Process
 1. Preparation
 2. Detection
 3. Containment
 4. Eradication
 5. Recovery
 6. Close Out

Incident Response Plan

Last Reviewed: October 8, 2025

Purpose

This plan explains how MindPath responds to security incidents. Our goals are to:

- Limit damage and disruption
- Restore normal operations quickly
- Learn from incidents so we get better over time

Roles

Security Officer	Owens this plan and oversees responses.
Lead Responder	Appointed by the Security Officer to manage a specific incident.
Incident Response Team	Small group assembled by the Lead Responder to help resolve an incident.
Employees	Must report suspected incidents. May be asked to help with response.
Executive Staff	Notified of significant disruptions and direct external communication (to customers, vendors, media...) Decide when to consult outside experts (law enforcement, legal, forensics...)

What Counts as an Incident

Anything that threatens the confidentiality, integrity, or availability of MindPath services or data, such as:

- Exposure of sensitive data (malicious or accidental)
- Malware, ransomware, or phishing
- Unauthorized access to accounts or systems
- Denial of service attacks
- Violations of security policy

Incident Response Process

Based on NIST guidance, MindPath follows these six phases:

Communication

Internal discussion of an incident is limited to those involved ("need-to-know").

The Lead Responder also:

- Notifies any internal stakeholders whose work may be affected and coordinates any other internal announcements.
- Notifies executive staff of any High or Critical event
- Notifies executive staff if contractual obligations may require reporting the event to third parties.

External communication is only through executives and legal. If the situation requires a customer-facing statement before executives have time to respond, the Lead Responder may authorize issuing this pre-approved holding statement to any client whose users may have been affected:

MindPath is investigating a potential security event. Our team is working to understand the scope and impact. We will provide updates as we learn more.

Executive Staff and Legal Counsel are responsible for communication with third parties including customers, partners, cyber insurance, media, and law enforcement.

Contact info for key personnel is maintained in Appendix A of the Business Continuity Plan.

Investigation

The Response Team investigates to determine the likely cause and scope of the incident. Some of the important questions at this point include:

- Who noticed the incident and when?
- When did it start?
- Who and what is affected?
- What steps are needed to recover?

Evidence Handling

- Do not wipe or re-image systems until the Lead Responder approves.
- Save logs, alerts, suspicious files, and emails.
- Store copies in a secure evidence folder.

Resources

Appendix B of the Business Continuity Plan is a list of company resource locations that may be useful in assessing and containing security incidents as well.

Phase	Description
1. Preparation	Reduce risks and be ready to respond.
2. Detection	Notice and confirm incidents.
3. Containment	Limit the spread and impact.
4. Eradication	Remove the root cause and attacker access.
5. Recovery	Restore normal operations securely.
6. Post-Incident activity	Review what happened and improve.

1. Preparation

MindPath reduces risks through:

- Asset management
- Identity and access management
- Endpoint protection
- Remote access protection
- Employee security awareness
- Vendor assessments

We also:

- Keep regular backups of critical data
- Train staff to report incidents
- Maintain this plan.

2. Detection

When an incident is reported, the Security Officer or the Lead Responder assigns it a severity level.

Severity	Characteristics	Example	Handling
Low	Minimal impact <ul style="list-style-type: none">• Quickly contained	Email sent to wrong recipient	Handled by Security Officer. No follow-up.
Medium	Noticeable business impact <ul style="list-style-type: none">• Needs cross-team response	Malware on one laptop	Lead Responder may be appointed.
High	Major business disruption <ul style="list-style-type: none">• Possible legal or reputational damage	Stolen laptop with unencrypted sensitive data.	Response team engaged. Executives notified.
Critical	Severe disruption <ul style="list-style-type: none">• May need outside help	SaaS outage halts business for days.	Response team engaged. Executives notified.

3. Containment

If recovery will take time, the Response Team may in the interim:

- Disable accounts
- Force password resets and revoke sessions
- Disconnect affected devices
- Block attacker IPs or domains
- Suspend SaaS integrations or API keys
- Suspend access to a SaaS application
- Change shared secrets (admin passwords, API tokens)
- Cut off third-party vendor access

4. Eradication

The next step is to remove the attacker's access:

- Malware/ransomware – Rebuild or re-image infected devices.
- Compromised accounts – Reset passwords, revoke tokens, remove backdoors
- Unauthorized changes – Review and undo malicious changes

5. Recovery

Service is restored when the Response Team brings systems back safely:

- Restore from clean backups or images
- Re-enable accounts and services once secure
- Apply patches and fixes before return to use
- Monitor for persistence or reinfection

The Lead Responder notifies internal stakeholders that the incident is resolved. Notification to external stakeholders is directed by executive leadership.

6. Post-Incident Activity

The Lead Responder holds a short retrospective with everyone involved:

- Identify root cause
- Capture lessons learned
- Suggest improvements to policy, training, tools, or vendor practices

Findings go to the Security Officer, who shares them with executives and assigns follow-up tasks.

Questions to Address in the IR Plan

- If something goes wrong, who's in charge?
- If we see malware, how do we keep it from spreading?
- Who decides if it's OK to shut down our systems?
- How do I contact legal / insurance / key vendors?
- Do we tell customers about this? When?
- Who is authorized to talk to media or law enforcement?
- What evidence do we need to preserve and how?

SCRM Template for SMBs

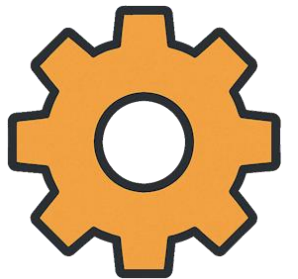
Supply Chain Risk Management from CISA

Use Case	Question Sets
Access Controls	• Acquirer/Supplier/Integrator
Cloud Hosted Solution	• Acquirer • Integrator
Vetting MSPs	• Acquirer

AI Use & Disclosure	1.1 Do you currently use AI or machine learning in your product or service, or do you have plans to use it?
	1.2 Do you notify customers before introducing or changing AI features?
	1.3 Can customers opt out of AI-assisted processing involving their data or content?
Data Use & Protection	2.1 Does any of your AI processing involve our data? If yes, describe the purpose and safeguards.
	2.2 Is customer data ever used to train, fine-tune, or improve AI models?
	2.3 Are AI features isolated from sensitive or regulated data (e.g., PII, PHI, payment info)?
Third-Party and Supply Chain	3.1 Do you use any third-party AI services within in your product? If yes, identify them and your contractual relationship (e.g., API use, business license, enterprise contract).
	3.2 Do you assess and monitor those third-party AI providers for security and compliance? If so, how?
Governance & Oversight	4.1 Is someone responsible for approving AI adoption and ensuring compliance with security and privacy obligations?
	4/2 Do you have documented policies for evaluating and managing AI risk?
Reliability & Transparency	5.1 Do you monitor and secure AI components against threats (e.g., data leakage, prompt injection, model vulnerabilities)?
	5.2 Do you maintain documentation or logs of AI-driven decisions or outputs affecting customer data or services?
	5.3 Do you have processes to detect, correct, and communicate AI errors, bias, or unintended behavior?

Operations: Governance

- Assign a leader to oversee company-wide security.
- Write down the security rules and choices the company has made.
- Keep a list of security risks and go over it with leadership periodically.



- Foundation
 - Assets
 - Classifications
- Safeguards
 - Identity and Access
 - User Devices
 - Infrastructure
- Operations
 - Resilience
 - Supply Chain
 - Governance

Security Working Agreement

Last updated: Oct 8, 2025

This document establishes the security practices [Company] has adopted to protect data, systems, and services. It provides a single reference for the rules we follow and the responsibilities we have agreed on.

Foundation

These foundational measures establish what must be protected.

Assets

- The IT team shall maintain an inventory of all hardware and software assets.
- The Security Officer shall maintain an inventory of the company's sensitive data assets.

Classifications

- The Security Officer shall create a data classification scheme defining categories of sensitivity and handling requirements for company data.

Safeguards

These safeguards protect [Company]'s assets.

Identity and Access

- All persons with access to sensitive company systems shall authenticate through the same central identity provider (e.g. Active Directory, Google Workspace).
- Passwords must be unique and strong, and they must not be shared.
- Where practical, systems and services shall be configured to authenticate using single sign-on (SSO) from the central identity provider.
- Multi-factor authentication (MFA) shall be required for all sensitive company systems, including the central identity provider.
- Personnel shall be granted the minimum permissions required to perform their jobs.
- User access shall be revoked promptly when staff change roles or leave.

User Devices

- The IT department shall ensure that user devices with access to company systems:
 - Require authentication for use of the device.
 - Authenticate through the company's primary identity provider.
 - Are configured with security protections, including full-disk encryption.
 - Run defensive software (AV/EDR) to mitigate malware risks.
 - Stay current with security updates, using automatic updates where supported.

- Are approved by IT before use. Personal devices may be approved only if they meet these same requirements.

Infrastructure

- The IT department shall ensure:
 - Company networks are securely configured and protected by a firewall.
 - Company Wi-Fi requires authentication using WPA2 or stronger.
 - All traffic to company systems is encrypted in transit (e.g., HTTPS or TLS).
 - Sensitive information is encrypted at rest.
 - Remote access uses secure methods (e.g., VPN or ZTNA) with MFA.
 - Company email is protected by spam and phishing filtering.

Operations

These measures ensure resilience and reliability.

Resilience

- The IT department shall ensure:
 - Critical business information is backed up securely and off site.
 - Critical systems generate and retain logs of security-related events.
 - System logs are reviewed regularly for signs of security issues.
- Sensitive company information shall not be shared with AI tools or services without prior approval from the Security Officer.
- The Security Officer shall maintain and test plans for restoring disrupted services.
- The Security Officer shall maintain and test plans for responding to security incidents.

Supply Chain

- Vendors shall be assessed for security and reliability before use.
- Vendors shall be reassessed when their contracts renew or their services change.

Governance

- Executive leadership shall appoint a Security Officer to oversee security.
- The Security Officer shall:
 - Maintain this working agreement to share with staff.
 - Ensure employees receive security awareness training.
 - Ensure staff understand their security responsibilities.
 - Promote a constructive security culture.
 - Maintain a list of security risks and review it with leadership periodically.

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Prioritizing Risks

Risk	Description	Likelihood	Severity	Risk Level	Possible Mitigations
Patch & Update Gaps	Failure to apply operating system, application, or device patches in a timely manner.	High	Very High	20	<ul style="list-style-type: none">* Enable automatic updates where possible* Schedule patch cycletrack and verify patch status
Shadow IT	Employees adopt unapproved SaaS tools (file-sharing, GenAI, productivity apps) outside official controls.	High	High	16	<ul style="list-style-type: none">* Educate staff* Publish list of approved tools* Use SSO to limit access to sanctioned apps
Business Email Compromise	Attackers impersonate executives or vendors via email to trick staff into transferring money or sensitive data.	Moderate	Very High	15	<ul style="list-style-type: none">* Train staff on BEC* Implement payment verification procedures* Enable email authentication (DMARC, SPF, DKIM)
Compromised customer credentials	Attacker acquires credentials to a customer account in our product (phishing, social engineering...)	Low	Very High	10	<ul style="list-style-type: none">* Require password hygiene in policies* Train staff on password hygiene* Encourage or require use of a password manager* Ensure customer requires MFA for access

Prioritizing Risks

- Shadow IT
- Weak Authentication
- Patch & Update Gaps
- Over-Privileged SaaS Integrations
- Natural Disaster
- Inadequate Security Expertise
- Unverified Backups & Recovery
- Business Email Compromise
- Regulatory compliance drift
- Remote work security gaps
- Compromised network connection
- Privilege creep
- Untrained staff

...

Risk ID	Category	Risk	Description	Potential Impact	Likelihood	Severity	Risk Level	Possible Mitigations
RSK-039	Cloud & SaaS	Shadow IT	Employees adopt unapproved SaaS tools (file-sharing, GenAI, productivity apps) outside official controls.	* Data stored in uncontrolled locations	High	High	16	* Educate staff
RSK-038	Identity & Access	Weak Authentication	Lack of multi-factor authentication (MFA) or inconsistent enforcement across systems.	* Compliance violations	High	Very High	20	* Publish list of approved tools
RSK-037	Operations & Resilience	Patch & Update Gaps	Failure to apply operating system, application, or device patches in a timely manner.	* Increased attack surface	High	Very High	20	* Enforce SSO to limit access to sanctioned apps
RSK-036	Cloud & SaaS	Over-Privileged SaaS Integrations	Third-party SaaS integrations (e.g., CRM add-ons, automation tools) granted excessive permissions.	* Account compromise	Moderate	High	12	* Enforce MFA on all business accounts
RSK-035	Physical & Environmental	Natural Disaster	An earthquake or storm could damage the AWS zone where all our servers and data are hosted.	* Unauthorized access to sensitive systems	Low	High	8	* Monitor for non-compliant accounts
RSK-034	Operations & Resilience	Monitoring & Logging Gaps	Lack of central logging or monitoring makes security incidents go undetected.	* Business disruption	Moderate	High	12	* Enable automatic updates where possible
RSK-033	Human Factors	Inadequate Security Expertise	Organization lacks in-house security knowledge to assess risks, configure controls, or evaluate vendors effectively.	* Malware/ransomware infection	Moderate	High	12	* Schedule patch cycle/track and verify patch status
RSK-032	Human Factors	Email & Collaboration Tool Misuse	Sensitive data shared insecurely via email, chat, or file-sharing platforms without safeguards.	* Regulatory or contractual noncompliance	Moderate	High	12	* Review app permissions before approval
RSK-031	Operations & Resilience	Unverified Backups & Recovery	Backups exist but are not regularly tested or isolated. Recovery after ransomware or outage may fail.	* Data exfiltration if integration is compromised	Moderate	High	15	* Use least-privilege access
RSK-030	Data Management	Poor Data Retention & Shadow Data	Sensitive data retained longer than necessary or stored in uncontrolled locations (personal devices, unapproved apps).	* Lateral movement into core systems	Moderate	High	12	* Audit integrations regularly
RSK-029	Fraud	Business Email Compromise	Attackers impersonate executives or vendors via email to trick staff into transferring money or sensitive data.	* Loss of AWS resources-servers, backups, buckets, etc.	Moderate	High	15	* Purchase AWS resources in an alternate zone for backup and redundancy
RSK-028	Operations & Resilience	Pandemic/Disaster	A pandemic or natural disaster could make unavailable portions of our staff (or vendor/partner staff.)	* Loss of data	Moderate	High	4	* Use physical media to store backups somewhere secure
RSK-027	Regulations	Regulatory compliance drift	New regulations, or changes to existing regulations such as GDPR, could affect <company>	* Business operations halted	Moderate	High	6	* Enable logging on critical systems
RSK-026	Human Factors	Remote work security gaps	Home network vulnerabilities, family members accessing work devices, unsecured video calls discussing sensitive matters.	* Extended attacker dwell time	Moderate	High	12	* Use centralized log collection
RSK-025	Endpoints & Devices	Compromised network connection	Data transmitted could be intercepted if not properly encrypted.	* Larger breaches before discovery	Moderate	High	12	* Review alerts regularly
RSK-024	Identity & Access	Privilege creep	A staff member may be granted access permissions over time and, particularly when changing roles, gradually accumulate more privileges than needed for the current role.	* Increased regulatory/insurance exposure	Moderate	High	12	* Engage external advisors or MSPs
RSK-023	Identity & Access	Unapproved access	A staff member may be granted new access permissions without a legitimate business need, violating the principle of least privilege.	* Misconfigured systems and controls	Moderate	High	9	* Provide role-appropriate training
RSK-022	Human Factors	Untrained staff	A staff member who has not received company training but has been granted access to sensitive data may handle the data improperly, inadvertently creating a security incident.	* Inability to detect/respond to incidents	Moderate	High	9	* Adopt lightweight frameworks for structure

Rating Risks Consistently

Likelihood	Description	Practical Indicators
Very High	Expected to occur repeatedly (e.g., monthly or more). No controls or easy to exploit.	Happens frequently across the industry or internally. Example: automated login attacks, unpatched CVEs.
High	Likely to occur at least once per year. Common and credible threat.	Phishing, credential stuffing, minor misconfigurations.
Medium	Possible but not frequent. Could occur under	Insider mishandling, single-point supplier outage.
Low	Unlikely, but plausible under exceptional	Major ISP outage, targeted attack on a small firm.
Very Low	Extremely rare or hypothetical. Requires	Natural disasters, global pandemics.

Severity	Description	Observable Consequences
Very High	Severe, business-threatening loss or extended	Customer exodus, major data breach, executive/legal
High	Major disruption or loss, but survivable with	Days of downtime, serious data loss, regulator or
Medium	Noticeable impact requiring management action	Partial service outage, moderate financial loss, some
Low	Minor inconvenience with little or no customer	Brief downtime, small internal cost, no external
Very Low	Negligible impact, quickly reversible.	Momentary glitch, easily restored file.

Resources for Risk Assessment



Resource	Source
<u>Minimum Viable Risk Management Program</u>	Rachael Lininger
Binary Risk Analysis [<u>readme</u>] [<u>app</u>]	Ben Sapiro
<u>FAIR: A Framework for Revolutionizing Your Risk Analysis</u>	CIS

What Have We Accomplished?

The Story for Customers

- Critical assets are inventoried, protected, and backed up.
- Access is managed centrally with strong authentication.
- Devices are secured and updated.
- Vendors are reviewed for security and reliability.
- Incidents and recovery plans are in place.
- Risks are reviewed regularly.
- Ready to meet higher assurance standards as we grow.



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