#### **Technical Review**

### Prepared for:

Prepared by:
Copper Mountain Consulting
02/01/2025

## Technical Risk Treatment Plan

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Scan Date: 02/01/2025

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## **Table of Contents**

01	Network Management Plan
02	Security Management Plan
03	Data Security Management Plan
04	Azure AD Management Plan

CONFIDENTIAL Page 2 of 7

## **Network Management Plan**

This ranks individual issues based upon their potential risk to the network while providing guidance on which issues to address by priority. Fixing issues with lower Risk Scores will not lower the Overall Risk Score but will reduce the global Issue Score. To mitigate global risk and improve the health of the network, address issues with higher Risk Scores first.

#### High Risk **RISK SCORE** RECOMMENDATION **SEVERITY PROBABILITY** Upgrade or replace computers with operating HΞ m= 97 systems that are no longer supported. Upgrade Microsoft Office versions that are no 97 **G**= **G**= longer supported. Ensure anti-spyware definitions are up to date on HΞ ШΞ 90 specified computers. Address patching on computers missing 4+ 90 85 security patches. Address patching on computers missing 1-3 **75** M **H**= security patches.

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RISK SCORE	RECOMMENDATION	SEVERITY	PROBABILITY
68	Free or add additional disk space for the specified drives.	HF	OF.

CONFIDENTIAL Page 3 of 7

#### Low Risk

RISK SCORE	RECOMMENDATION	SEVERITY	PROBABILITY
30	Investigate all accounts with passwords set to never expire and configure them to expire regularly.	UF	UF.
20	Upgrade computers that have operating systems in Extended Support before end of life.	UF	<b>UF</b>
15	Investigate the list of inactive computers and determine if they should be removed from Active Directory, rejoined to the network, logged into by authorized users, or powered on.	u.	LF
	100 of 187 displayed. See Technical Risk Treatment Plan Details.xlsx report generated in Excel format.		
13	Disable or remove user accounts for users that have not logged on to active directory in 30 days.	UF	UF.
10	Remove or populate empty organizational units.	UF	
10	There may be a legitimate business need, but these risks should be assessed individually. Certain protocols are inherently insecure since they often lack encryption. Inside the network, their use should be minimized as much as possible to prevent the spread of malicious software. Of course, there can be reasons these services are needed and other means to protect systems which listen on those ports. We recommend reviewing the programs listening on the network to ensure their necessity and security. See Listening Ports sheets in Excel Export for details.		

CONFIDENTIAL Page 4 of 7

## **Security Management Plan**

This ranks individual issues based upon their potential risk to the network while providing guidance on which issues to address by priority. Fixing issues with lower Risk Scores will not lower the Overall Risk Score but will reduce the global Issue Score. To mitigate global risk and improve the health of the network, address issues with higher Risk Scores first.

High Risk			
RISK SCORE	RECOMMENDATION	SEVERITY	PROBABILITY
95	Assess the risk of each vulnerability and remediate all external vulnerabilities as prescribed.	HF	ĦF
95	We recommend assessing the risk of each vulnerability and remediating all internal vulnerabilities as prescribed.  100 of 749 displayed. See Technical Risk Treatment Plan Details.xlsx report generated in Excel format.	HF	HF
75	Enable password complexity to assure that network user account passwords are secure.	HF	OF.
75	Enable enforcement of password length to 8 or more characters.	HF	MF
72	Enable automatic screen lock on the specified computers.	M	MF
72	Increase password history to remember at least six passwords.	HF	HF

CONFIDENTIAL Page 5 of 7

# Scan Date: 02/01/2025

RISK SCORE	RECOMMENDATION	SEVERITY	PROBABILITY
70	Assess the risk of each vulnerability and remediate all external vulnerabilities as prescribed.	HF	HF
70	Modify the maximum password age to be 90 days or less.	HF	OF.
68	Eliminate inconsistencies and exceptions to the password policy. See the Security Policy Assessment report for policy details.  □ Enforce password history □ Maximum password age □ Minimum password age □ Minimum password length □ Password must meet complexity requirements	HF	HF

#### Low Risk

Medium Risk

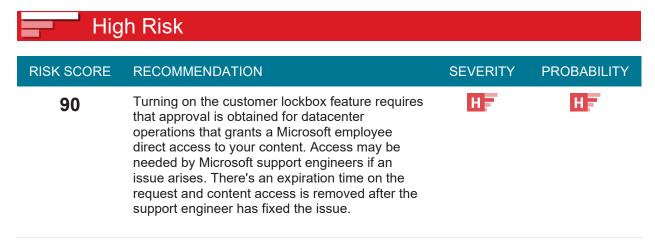
RISK SCORE	RECOMMENDATION	SEVERITY	PROBABILITY
50	Ensure company's WiFi is secure and discourage the use of any open WiFi connections.	LF	UF.
	<ul><li>☐ Insecure Wireless -</li><li>☐ Insecure Wireless -</li><li>☐ Insecure Wireless -</li><li>☐ Insecure Wireless -</li></ul>		

CONFIDENTIAL Page 6 of 7



## **Azure AD Management Plan**

This ranks individual issues based upon their potential risk to the network while providing guidance on which issues to address by priority. Fixing issues with lower Risk Scores will not lower the Overall Risk Score but will reduce the global Issue Score. To mitigate global risk and improve the health of the network, address issues with higher Risk Scores first.



CONFIDENTIAL Page 7 of 7