NETWORK DETECTIVE PRO

# The Complete Checklist For IT Risk Assessments

Discover, Resolve, Report and Act on
Every Issue and Risk, Everywhere

Network breaches and cyberattacks show no signs of slowing down any time soon, leaving SMBs struggling to keep up. Networks change constantly and new security risks come to light on a daily basis. IT professionals must ensure their organization's IT risks are identified, evaluated and addressed in a proactive and timely manner, so implementing a robust risk management strategy is essential.

Since you can't protect what you don't know, we've identified some network assessment must-dos and created a checklist to help you streamline your network discovery and IT assessment processes. This will help empower your technicians to manage the risks within your network infrastructure.

## Harsh Facts

83% of organizations have suffered more than one data breach.

The average cost of a data breach is a record-high $4.35 million.

Breaches caused by ransomware attacks grew 41% in 2022.

Source: (IBM)

# When to follow this checklist?

- If your organization relies on your IT network to operate effectively
- If your network is at risk due to the constant addition of unauthorized assets and changes made by other employees
- If your IT data is scattered across different applications with different interfaces
- If you lack the tools to quickly identify, prioritize and act upon IT issues and risks

# Do these circumstances sound familiar?

To protect your network, you need clear visibility of the weak links in your environment. You can only achieve this with a thorough network assessment and reporting process.

Identifying security gaps and performance issues in your IT infrastructure can be simple. All you have to do is follow the steps below to achieve enhanced network visibility.

## Implement a robust network assessment strategy

A comprehensive network assessment gives you complete visibility into your organization's IT infrastructure so you can build a proactive security strategy against external cyberthreats as well as end-user vulnerabilities.

Network assessments expose security loopholes in your local network, cloud and on devices that connect remotely. A regular automated assessment allows you to keep an eye on everything and enables you to optimize network health and defenses.

□ Automate your data collection of risks and issues across your IT environment.

□ Collect security data from all environments — on-premises, in the cloud and on remote users and machines.

□ Schedule your data collectors to run regularly, in line with the cadence of typical changes.

□ Ensure your teams have immediate web access to all the network data to troubleshoot issues quickly.

□ Focus on remediating the most important risks and issues first.

□ Generate specialized IT security assessment reports that cover the entire IT risk assessment.

□ Identify remediation opportunities to enhance security.

□ Share clear and concise summaries of critical issues with non-technical stakeholders.

□ Showcase the health and performance of your network to corporate leadership with executive summary reports.

□ Identify a baseline of gaps where your organization is out of compliance with corporate IT requirements.

## Support your team with a powerful network assessment tool

Staying focused on the most critical risks and issues while trying to achieve more control of your IT environment requires a lot of painstaking hours and resources. Drive the efficiency of your IT team by employing a powerful network assessment tool like Network Detective Pro that allows them to:

- □ Assess the status of all network assets and discern what devices are obsolete, vulnerable or nearing their end.
- □ Understand what data or devices may cause compliance challenges during your next audit.
- □ Avoid relying entirely on antivirus software and strong password-generation practices.
- □ Carry out comprehensive performance analyses to determine the health of your IT infrastructure while identifying over- or under-utilized technologies across the network.
- □ Set up cloud environments and streamline the process of building a fully-rounded security infrastructure.
- □ Achieve a top-to-bottom view of your organization's IT infrastructure.
- □ Make use of lightweight, streamlined data collection agents that can be configured to scan sites individually or in bulk.
- □ Identify systems inside the network with exploitable ports or protocols and improve content filtering operations.
- □ Save costs wherever possible through automated and streamlined data collection and analysis processes.

# Carry out a range of security tests to achieve a secure network infrastructure

## Security configuration

- □ Run unsupported operating system (OS) checks and verify which version of Windows is installed in each system.
- □ Test for insecure password policies.
- □ Keep an eye out for the same local accounts on multiple computers connected to your network.

## Applications

- □ Scan for vulnerabilities in all your third-party applications and software tools used by every department.
- □ Track every MS application and ensure no patches are missed.

## Endpoint Protection

- □ Install the best antivirus tools and update them regularly.
- □ Become proactive about scanning and downloading malicious files.

## Patching

- □ Ensure no OS patches are missed.
- □ Reinforce patch management configuration practices to check for auto-updated, legacy and failed patches.

## Encryption

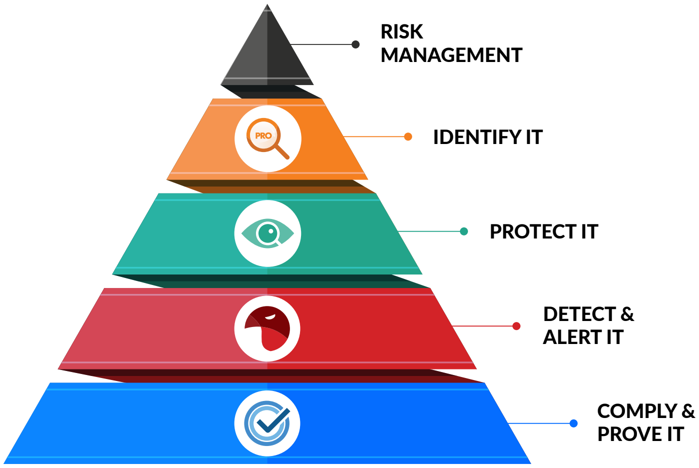
- □ Improve BitLocker management policies.
- □ Implement the latest encryption best practices for high levels of privacy.

## Network Vulnerability

- □ Schedule and execute thorough external vulnerability scans.
- □ Be wary of system protocol leakage.
- □ Immediately take action on unrestricted internet activities.

## User Behavior

- □ Monitor any connections to insecure wireless networks, especially for traveling employees.



The first step of risk management involves identifying and assessing all potential risks associated with an organization's IT systems and operations. This can be achieved through means such as network assessments with Network Detective Pro.

# Discover and report IT issues before they turn into big problems

With a powerful IT assessment tool like Network Detective Pro, you can automatically scan networks and individual endpoints to collect data, analyze assessment results, receive recommended remediation steps and generate a wide range of professionally designed reports. Network Detective Pro is the industry-leading IT assessment tool used by thousands of IT professionals to gain greater visibility into all parts of their IT environment.

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| Automated network discovery for all devices | An easy-to-use interface to view all the data | Troubleshoot issues faster by prioritizing remediation based on risk scores |
| Third-party integration capabilities | Generate customizable reports at the click of a button | Real-time insights into network performance, security and configuration |

## Get a full view of IT with

NETWORK DETECTIVE PRO
by RapidFire Tools

Stay focused on the most important risks and issues.

Schedule a demo

Get expert guidance whenever you need it.

Request a quote

Show corporate leadership your value.

Watch on-demand demo