Netwrix and Stealthbits

The Future of the Portfolio

netwrix

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Foreword by Steve Dickson

For more than 15 years, both Netwrix and Stealthbits have been paving the path to a more secure and compliant state for thousands of organizations around the globe. Often operating at the opposite end of the end user market, each company has successfully focused on addressing similar problems, but in sometimes very different ways. Whether addressing the need of a small startup or a large enterprise, our missions have been highly consistent – helping our customers identify threats, secure their sensitive data, and reduce the risks their organizations face.

However, in a world where the size of an organization means little to undiscerning, opportunistic attackers, businesses large and small require effective approaches and tools to mitigate the risk of data breach and compliance failure across their hybrid IT infrastructures. Every day, more security and risk leaders come to realize that the answers to their most confounding data security challenges lie not only in the details, but in a broader and multi-layered perspective to the problem. As Netwrix and Stealthbits join forces, organizations of all sizes can now look to a single source for the industry's best technology, approaches, and expertise in data security.

STEVE DICKSON
Chief Executive Officer

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Why did we come together?

At its core, this merger is about compounding strengths. It is about creating better software solutions and becoming a better partner meeting and exceeding your organization's cybersecurity strategy. Your investments in Netwrix and Stealthbits are as safe as they have ever been. Your relationships with the new company will only grow tighter. Finally, your confidence in us to deliver will only grow stronger.

Through Stealthbits' portfolio of Data Access Governance, Active Directory Management & Security, and Privileged Access Management products, we will be bringing enterprise features and an expanded solution set to Netwrix customers. Through Netwrix's portfolio of Data-Centric Security offerings, we will be bringing a whole new level of usability and an unmatched experience to the large enterprise. All the products and capabilities you have grown to love are here to stay. The plan is to make them even better.

What should you expect?

From the onset, your expectation should be that everything is business as usual – from who you call for support to how you download your software and everywhere in between. Not everything will happen overnight, but you can expect action as we have developed a plan to bring you the value quickly and steadily over the coming year.

We hope you are as excited as we are about what we can do together.

Executive Summary

Organizations around the world of every shape and size are struggling with a variety of challenges associated with the security of their data. Cloud adoption, advanced threats like ransomware, data privacy regulations, and dozens of other factors dictated by past decisions and uncertain futures are only making these challenges harder.

Beyond innovative solutions to these complex problems, what these organizations need is a solution provider that everyone can benefit from. They need a provider they can standardize on and grow with as their businesses and requirements change. They need a provider that has a targeted mission, but also options on how to get to where they need to go. This is why Netwrix and Stealthbits have come together.

Together, we will accelerate our ability to innovate rapidly and develop solutions to the modern data security and privacy challenges that all organizations face. We already have extensive reach across unstructured and structured data repositories located both on-premises and in the cloud, but as adoption of cloud resources and technologies increases, as will ours in both the visibility we provide and our ability to deliver from it. We already have a comprehensive approach to data security, but we will continue to deliver more across each and every product within our portfolio. We remain committed to our mission of securing your organization's sensitive information, wherever it lives. Our combined technologies and depth of expertise put us in an even more unique position to do so, having complete visibility into the infrastructure, identity, and data layers of the modern enterprise. This visibility and the capabilities we provide enables data security in depth for all customers.

Integration Summary

To help both Netwrix and Stealthbits customers understand how their investments will be secured, we decided to unveil a few of our upcoming projects. The list below outlines some of the swim lanes where the team will be executing in the coming months. The product integration initiatives we have chosen ultimately boil down to two common themes:

1. Adding tangible value to and strengthening existing products

2. Introducing new, innovative offerings that leverage the strengths of both teams and technology stacks

Product Initiatives

Risk Insight

Organizations that can effectively locate, quantify, and qualify their risks are the organizations that can effectively do something about them. We're making it easy and beautiful.

Data Classification

Best of breed approaches for sensitive data discovery and classification means the right tool for the right job.

Data Access Governance

Identify and assign data owners, perform entitlement reviews, and enable self-service access requests. Achieve alignment with least privilege principles with insightful recommendations on access changes based on observed behavior and best practices

Privileged Access Management

Privileged accounts are a target in virtually every breach scenario. Securing privileged accounts starts with knowing where they exist. Once that is done, we'll reduce your threat surface, protect your sensitive data from advanced threats, and satisfy compliance with virtually any standard or framework through a just-in-time, Zero Standing Privilege approach.

Real Time Threat Detection

Detect and respond to abnormal behavior and advanced threats in real-time like Ransomware and Active Directory lateral movement with unprecedented accuracy and speed.

Automation & Workflows

Don't just find it. Fix it! Standardize permissions, move stale data, force password resets, clean up groups, remediate misconfigurations, and automate countless other workflows.

Please note that all projects listed in this document are preliminary and subject to change.

Integration Details

Risk Insight

Much like the Key Performance Indicators (KPIs) so many business leaders rely on to measure their businesses, Key Risk Indicators (KRIs) can act as a trustworthy compass for security and compliance professionals charged with safeguarding their organizations' digital assets.

With an understanding of where your sensitive data resides and key contexts such as access rights, activity, privileged accounts, and infrastructure, system, directory, and data vulnerabilities, Netwrix Risk Insight provides clear, executive-level visibility into where your greatest risks exists so you can prioritize your efforts accordingly.
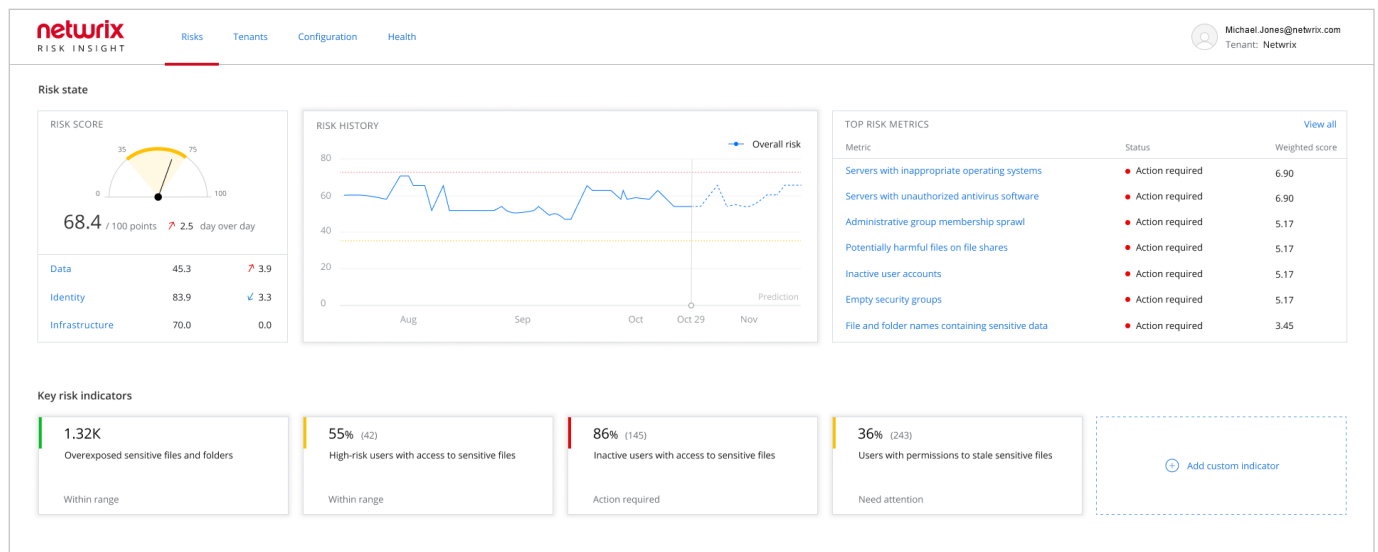

From overexposed data to weak passwords and other conditions affecting your ability to demonstrate compliance with global data privacy, federal, and industry compliance regulations, Netwrix Risk Insight provides users of Netwrix and Stealthbits products with visibility into current risks, how risks are trending over time, as well as predictions for the future.

Data Classification

Identifying and classifying sensitive information across an organization's hybrid, heterogenous IT infrastructure is arguably among the most important and necessary disciplines an organization can develop. Serving as the context for so many critical processes from Data Access Governance to Data Loss Prevention, Data Privacy to Digital Rights Management, Encryption, Security Information & Event Management, User & Entity Behavior Analytics, and likely dozens more, there are few datasets that are more useful than knowing where your sensitive data is, what kind of information each file and database contain, and how important any given file or database is to your organization.

One of the great debates occurring within the data classification space is how to perform this function best. At creation or after the fact? Agent-based or agent-less? Using pattern-based searches, exact matching, full-text indexes, or machine learning? Whether or not a true winner will emerge is unclear, but the most likely determination is that all approaches provide their advantages and drawbacks, but the right combination of these approaches will ultimately provide the greatest value.
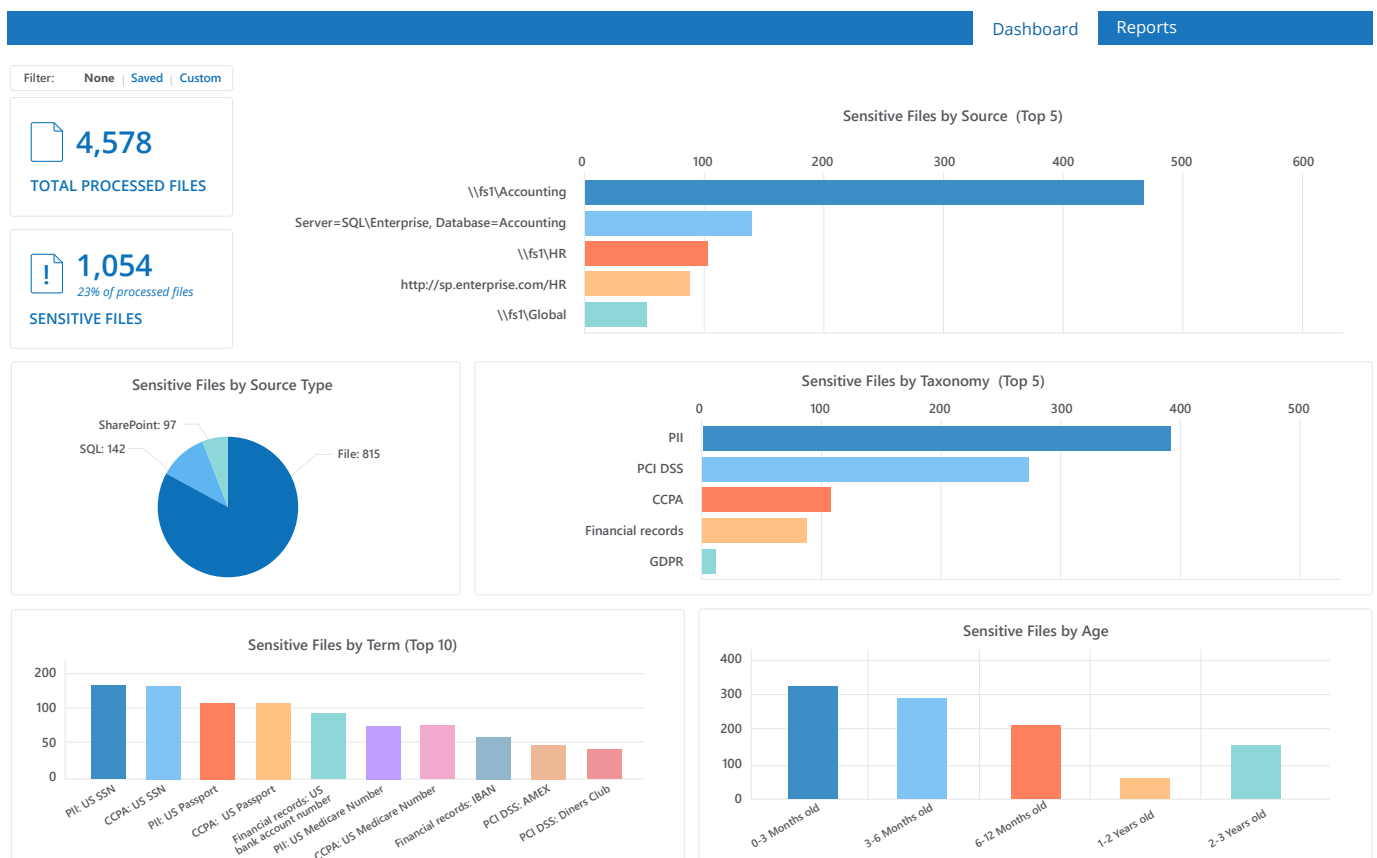
Through the combination of Netwrix Data Classification and Stealthbits' sensitive data discovery and data privacy engines, we'll be extending Netwrix and Stealthbits users the luxury of choice for their data classification initiatives. Providing the right tool for the right job is what accelerates results and success, and our offering promises to leverage the best of all approaches to limit false-positives, scale appropriately, and offer value through integration with any solution or process that could benefit from this critical dataset.

Data Access Governance

Data is the primary target in virtually every breach scenario – and protecting data gets more difficult every day. While there are many challenges Administrators face in the management and security of their various data repositories, there are some common denominators that ultimately make managing data access so problematic.

Access rights are already overprovisioned, and when mixed with a high degree of management complexity and a plethora of hidden risks, it's no wonder why data stores like file shares and databases are so difficult to control and susceptible to attack. As if security concerns were not enough, stringent compliance requirements demand something be done to secure sensitive data of all types.

Data Access Governance is about making access to data exclusive. It is about ensuring that only the right people have the right access to the data – and keeping it that way.

Governance Workflows

Over the past decade, Stealthbits has developed extensive experience in the Data Access Governance space and the enterprise governance features. As a combined company, we will be extending proven governance workflows like Ownership Identification & Assignment, Entitlement Reviews, and Self-Service Access Requests to Netwrix customers, providing an easy to use, seamless experience for data owners and data consumers alike. For security or compliance, these new workflows will allow you to ensure the right people always have the right access to the right data.
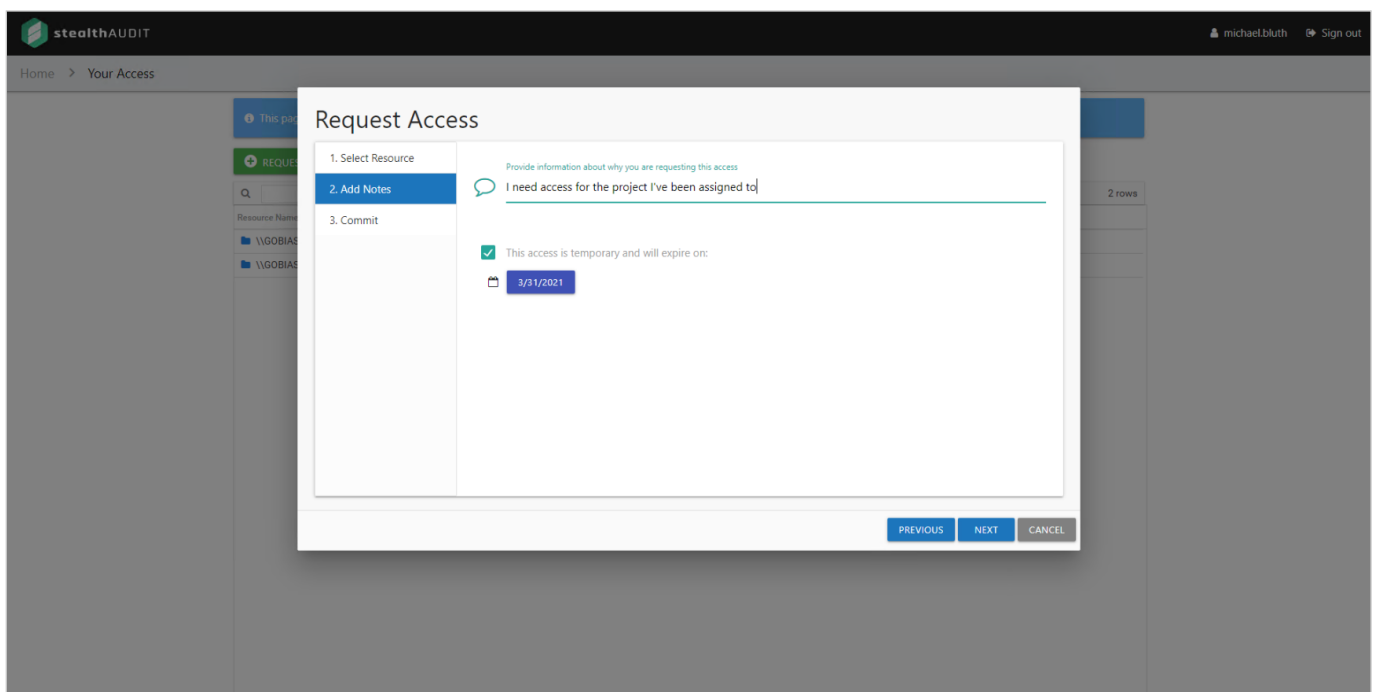
Permission Hardening

The principle of least privilege stems from the idea that users should only have access to the resources they need to adequately perform their duties. To some degree a less stringent predecessor to concepts such as Zero Trust, aligning with a least privilege model is often more appropriate for non-privileged users who require fast and robust access to information and resources, but not in a completely unfettered fashion.

Limiting user access to only what is needed is not difficult. It does, however, require proper visibility into how users leverage the privileges they've been given if organizations are to understand what access any given user actually needs.

To more closely align with security frameworks such as CIS (e.g. Control 14 – "Controlled Access Based on the Need to Know") and fulfill compliance requirements like PCI DSS Requirement 7 (Restrict access to cardholder data by business need to know), we're working to extend Stealthbits' least privilege analysis capabilities to Netwrix Auditor customers. As we add these features, administrators and data custodians will have clear visibility into where access rights to sensitive data have been overprovisioned, along with recommendations on how access and permissions should be adjusted to reduce the risk any one user poses the organization.

Privileged Access Management

Privileged Account Discovery

Accounts with administrative and elevated privileges are necessary for both business and IT functions, but also represent a significant risk to your organization. Privileged credentials in the hands of the wrong user or an attacker can lead to a variety of undesirable outcomes, including data breaches, infrastructure outages, and compliance failures.

Although Privileged Access Management (PAM) is recognized by CISOs and security professionals as one of the most important areas of focus among their many initiatives, it is still estimated that over half of all privileged accounts and entitlements remain unknown within most organizations[1].


Combining Stealthbits' and Netwrix's visibility across multiple layers of an organization's IT infrastructure, including systems, directories, data repositories, and network devices located both on-premises and in the cloud, Netwrix and Stealthbits customers have the industry's broadest and deepest privileged account discovery capabilities at their fingertips. With a complete view of what exists, customers can more easily calculate risk and make decisions about which accounts are actually needed, reducing their threat surface and increasing their security posture.

[1] https://www.csoonline.com/article/3129474/pain-in-the-pam.html

Zero Standing Privilege PAM

Privileged Access Management (PAM) tools have proven to be essential components of information security and compliance programs, yet privileged account compromise remains a nagging issue despite broad scale adoption of password vaults.

Breaches often begin at the desktop and server layers of an organization's IT infrastructure and spread through the overabundance of privileged access rights (i.e. standing privilege) to each system, as well as other misconfigurations and vulnerabilities attackers exploit. In addition to being overly expensive as well as complex to use and maintain, traditional PAM providers still focus on controlling access to accounts and their passwords, but not on the activities administrators need to perform. The result is minimal reduction of an organization's attack surface because the accounts still exist and maintain their access in perpetuity, leaving them vulnerable to compromise.
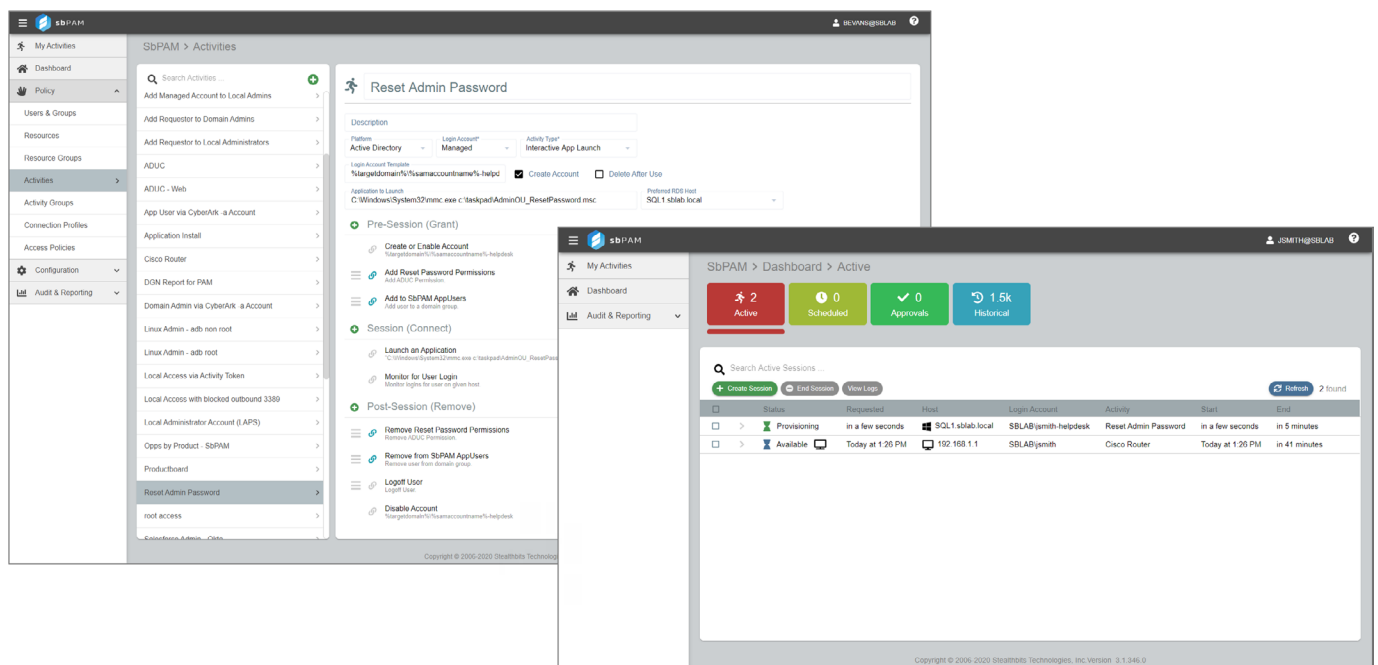

As a result of the merger, we now can offer Netwrix customers access to Stealthbits' award-winning, innovative PAM solution, making it easy for organizations of any size to overcome the challenges, limitations, and unnecessary expense of traditional PAM offerings and enabling them to secure, control, manage, and monitor privileged account usage through a just-in-time, just-enough privilege approach that reduces privileged accounts and the risk surface they represent.

Real Time Threat Detection

Every attacker is after the same two things: credentials and data. That is why authentication-based attacks factor into four out of every five breaches involving hacking and why ransomware is not just about data encryption or even exfiltration, but lateral movement, privilege escalation, and domain dominance.

Once inside a network, attackers perform reconnaissance to discover your environment, find and compromise privileged credentials, and leverage those credentials to access, exfiltrate, or destroy data. With the Mean Time to Identify an attack at 197 days and global data privacy regulations demanding organizations do more to detect and respond to breaches, the need for real-time visibility into advanced tactics, techniques, and procedures, the ability to accurately detect abnormal and outlier behavior, and instantaneously respond to and contain threats of all types has never been more dire.
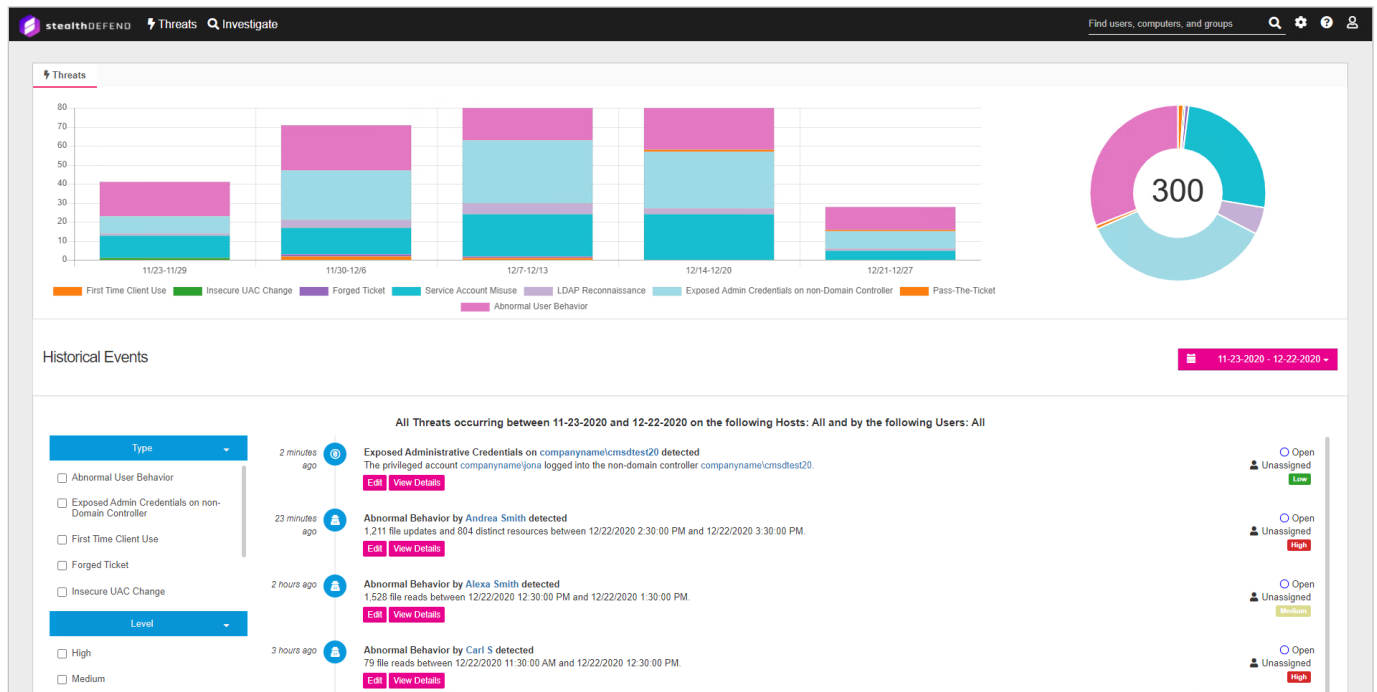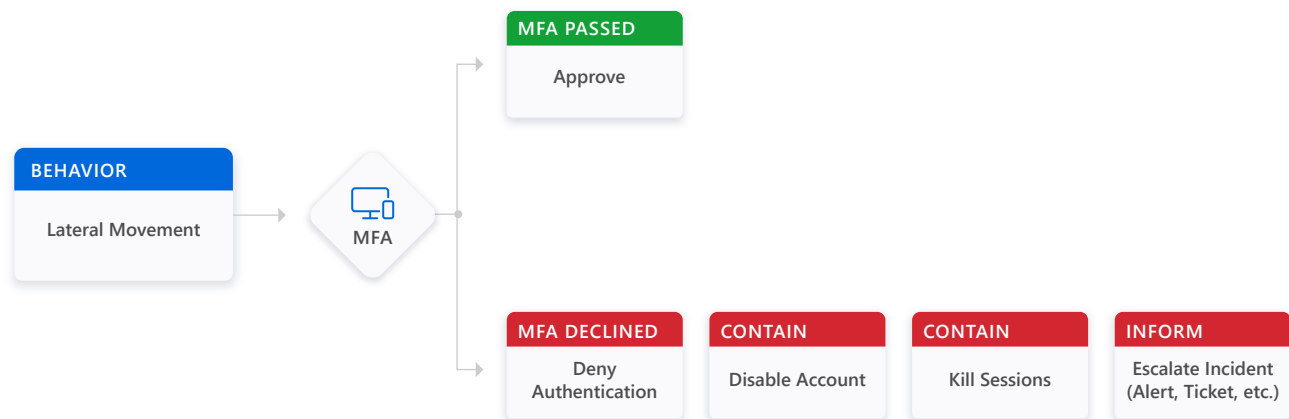

Through the combination of the Stealthbits and Netwrix products, we're working to layer in enterprise-grade threat detection and UBA capabilities for our customers, with advanced options such as blocking, threat response, and even cloud delivery. Purpose-built and context-aware through a data-centric view, customers of any size can quickly identify and contain threats and know with certainty whether sensitive information was involved.

Automation & Workflows

With the acceleration in digital transformation initiatives and a significant shift to a largely remote workforce, an overall increase in cyberattacks, and a globally recognized skills shortage in both cybersecurity and information technology, the need for automation and orchestration of manual, repetitive, and time-consuming processes has never been more essential.

As a result, especially smaller organizations that are already stretched to the maximum need solutions that can easily automate a plethora of functions that would otherwise require staff involvement, without introducing additional complexities like having to learn and manage troves of PowerShell scripts.

BEHAVIOR		MFA PASSED
Lateral Movement	MFA	Approve

MFA DECLINED	CONTAIN	CONTAIN	INFORM
Deny Authentication	Disable Account	Kill Sessions	Escalate Incident (Alert, Ticket, etc.)

Drawing from Stealthbits' extensive library of enterprise-grade workflow capabilities, we're working to curate and extend a simplified automation and workflow experience for Netwrix Auditor customers that can enable them to make short work of otherwise difficult tasks, including:

- Removal of open and high-risk permissions to data
- Clean-up of stale user/group/computer objects
- Downgrading of inactive Azure licenses
- Clean-up of stale data
- Restructuring of permissions on file shares to align security with least privilege principles

An Exciting Future

As if the problems aligning to data, identity, and privilege security were not reason enough to act, industry tailwinds including global-reaching Data Privacy regulations, accelerated Digital Transformation initiatives, a never-ending barrage of Advanced Threats, and the implementation of widely desirable security architectures like Zero Trust are further driving the need to act – pragmatically and expediently.

With Netwrix and Stealthbits as one, we have accelerated our ability to deliver on the projects and priorities you have accelerated for your own organizations, while simultaneously creating the most formidable, applicable, credible, relevant, and sensible company and product portfolio in the data security space.

We are excited to deliver the solutions you need to your most vexing data security challenges and will continue to innovate and collaborate with each other and you along the way.

About Netwrix

Netwrix is a software company that enables information security and governance professionals to reclaim control over sensitive, regulated and business-critical data, regardless of where it resides. Over 10,000 organizations worldwide rely on Netwrix solutions to secure sensitive data, realize the full business value of enterprise content, pass compliance audits with less effort and expense, and increase the productivity of IT teams and knowledge workers. For more information, visit www.netwrix.com.

About Stealthbits

Stealthbits Technologies, Inc. is a cybersecurity software company focused on protecting an organization's sensitive data and the credentials attackers use to steal that data. By removing inappropriate data access, enforcing security policy, and detecting advanced threats, we reduce security risk, fulfill compliance requirements, and decrease operational expense.

Next Steps

Free Trial — Set up Netwrix in your own test environment: netwrix.com/freetrial

In-Browser Demo — Take an interactive product demo in your browser: netwrix.com/browser_demo

Live Demo — Take a product tour with a Netwrix expert: netwrix.com/livedemo

Request Quote — Receive pricing information: netwrix.com/buy

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