

SOLUTIONS BROCHURE

# Security, Risk & Governance

Secure what matters most



**Cyber threats are escalating. Aging apps and processes (and new ones) are full of unforeseen risks. Privacy and compliance requirements are mounting. And point solutions don't offer the scope, vision, or cross-silo analytics needed to address these company-wide challenges. What's the solution?**

**A holistic, analytics-driven approach to securing what matters most—identities, applications, and data.**

**With the industry's broadest set of integrated security, risk, and governance solutions, combined with deep domain expertise and industry-leading analytics, Micro Focus is uniquely suited to help organizations take a holistic approach to protecting identities, apps, and data. Very few vendors can support defense against breach, secure DevOps and the SDLC process, guard the privacy of individuals and their data, and help you comply with worldwide regulatory and jurisdictional regulations at enterprise scale.**



# Top Concerns in Today's Business Landscape

As company boards continue to focus on overall performance, delivering a better customer experience, and improving IT, they are now tackling privacy concerns/regulations and cybersecurity threats, managing risk, and addressing corporate governance. This is obviously putting C-level executives in a position where they not only have to prevent security breaches, but also deal with data privacy and management challenges—all while enabling the business and keeping major initiatives like DevOps or Data Analytics on track.

## Evolving Cybersecurity Threats

Cyber security threats are still on the rise and causing tremendous damage to businesses and individuals. Threats come from both inside and outside the organization. With so many point vendors creating new technologies to solve narrow problems, CISO's and IT leaders are trying to simplify their lives and ensure that everything possible is done to prevent a breach. The impact of cyber security criminals is staggering. These statistics demonstrate the ongoing cost that board members deal with regularly:

### CSO online: Top 5 cybersecurity facts, figures, and statistics for 2018<sup>1</sup>

**2**

Cyber security **spending to exceed \$1 trillion** from 2017 to 2021.

**4**

Human attack surface to reach **6 billion people by 2022.**

**1**

Cyber damages to hit **\$6 trillion annually by 2021**—up from \$3 trillion in 2015.

**3**

Cyber crime will **more than triple** the number of unfilled security jobs. Predicted to reach **3.5 million by 2021.**

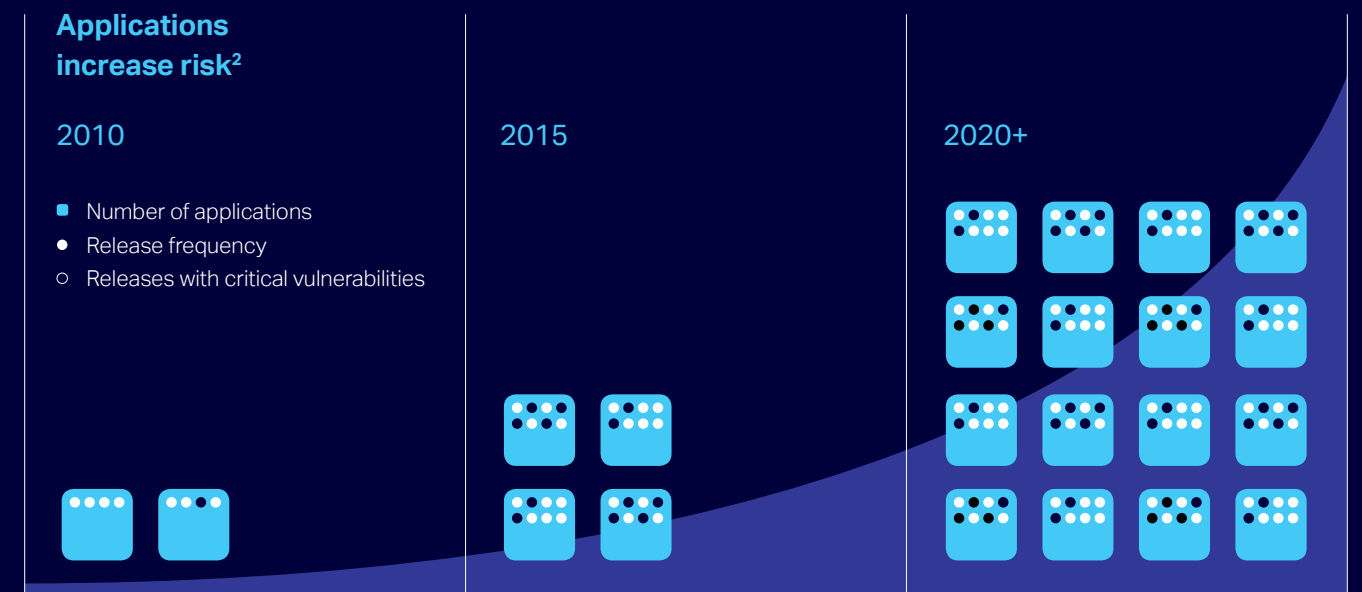
**5**

Ransomware damage costs are predicted to reach **\$11.5 billion by 2019.**

1. CSO online: Top cybersecurity facts, figures and statistics for 2018

## Growing Complexity Increases Risk

Complexity is driven by an increasing number of apps and the frequency of releases—in order to support business needs and compete with digital services. Data generation also grows from an expansion of apps, users, and devices, along with an expanding volume of identities to manage. Given this complexity, it's no wonder organizations are releasing vulnerabilities 10x faster.



## Data Regulations Keep Mounting

Meanwhile, compliance, governance, and privacy requirements (GDPR, CCPA, FINRA/SEC, HIPPA, Dodd-Frank, ISO 27001/2, etc.) are mounting, adding even more risk.

Enterprise security has moved to a new level of complexity as well, with added responsibility for identities, data, and applications. Your security, risk, and governance strategy must support all three dimensions. However, point solutions typically solve only one particular problem, without regard for related issues. The fact is, it takes many disparate solutions to address the broader problem space, which leaves integration for the customer to figure out—adding to the complexity and increasing their risk.

2. 2017 Micro Focus Application Security Research Update

# The Micro Focus Approach to Securing What Matters Most

Unlike point products, Micro Focus Security, Risk & Governance solutions take a holistic, analytics-driven approach to securing what matters most: identities, applications, and data.



## Core business needs

Seamless application security

Compliance

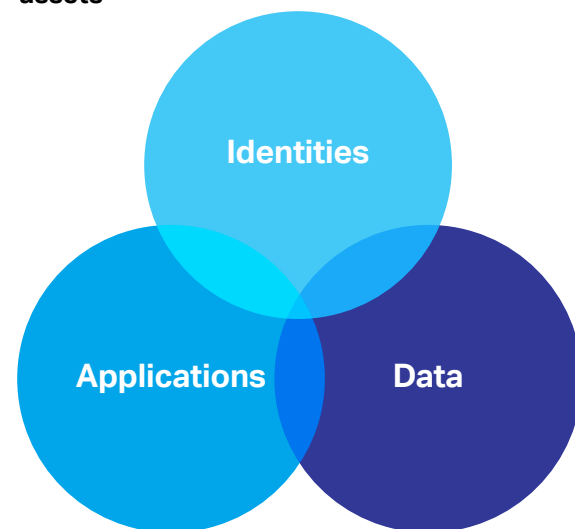
Breach defence

Privacy

Governance



## Critical company assets



## Managing Identities

Identities have evolved beyond heartbeats: they are now users, devices, things, and services. Monitoring who or what is requesting access to data and systems, what access is appropriate, and the privileges the identity has is necessary to demonstrate compliance and secure the ecosystem. At the same time, organizations need to manage customer identities to improve the customer experience and drive engagement and revenue. They must also protect the identity of customers to maintain the organization's reputation as privacy regulations proliferate. Managing all identities is foundational to protecting the organization as a whole.

### MICRO FOCUS CUSTOMERS CAN:

- **Centrally manage all identities** (users, devices, things, and services internal and external to the organization, at scale)
- **Manage privileges** to mitigate and reduce risk
- **Enforce access controls** to protect information, meet regulations, and improve the user experience
- **Meet identity governance** compliance requirements

## Securing Applications

Too many applications are deployed with poor security. This includes weak authentication, bad development practices, and poor data management. Not building security best practices in from the start is a recipe for disaster. Infrastructure, application, and device security must be strengthened to resist external and internal threats. DevOps practices accelerate the delivery of applications, but without good security built in, DevOps will also accelerate the delivery of vulnerabilities.

### MICRO FOCUS CUSTOMERS CAN:

- **Improve security** by baking in good security practices and strong authentication from day one of application development with the largest tech stack and vulnerability coverage
- **Harden applications** to help protect from attackers, whether on-premises or in the cloud
- **Deploy encryption capabilities** in applications that enable data to be secured both at rest and in-flight at the scale of billions of TPS
- **Identify older applications** that often pose the greatest risk and take

## Protecting Data

Data is increasingly becoming the lifeblood of the enterprise. You need to protect it accordingly. A driving factor is compliance. More organizations, of more sizes, in more locations worldwide are required to protect data or face punitive repercussions. Other factors include business continuity (e.g., as an insurance policy to Ransomware), sharing information more broadly within the business without time- and cost-intensive implementation and documentation of controls, and as a proactive approach to litigation.

### MICRO FOCUS CUSTOMERS CAN:

- **Archive and protect information** in accordance with a broad range of regulatory and jurisdictional requirements
- **Surface information** that poses the greatest risk to the enterprise and take extra precautions to protect and encrypt this data
- **Ensure that all important data is secure** so it becomes useless in the case where it is stolen or shared inappropriately
- **More easily manage access** to sensitive data and document how those controls are implemented and managed
- **Respond quickly** and cost effectively to investigations and litigation

# Build on What You Have

We believe that organizations don't need to eliminate the past to make way for the future. Everything we do is based on this simple idea: The quickest, safest way to get results is to build on what you have. Our solutions do just that. They bridge the gap between existing and emerging technologies—so you can innovate faster, with less risk, in the race to digital transformation.

# Security, Risk & Governance Portfolio

Micro Focus has one of the largest portfolios in the industry to address the security, risk, and governance needs across your enterprise.



- 1 Data governance and protection
- 2 Application security
- 3 Identity and access management
- 4 Endpoint security
- 5 Security operations
- 6 Information archiving
- 7 Analytics and machine learning

# Core Business Needs for the Enterprise

**Micro Focus delivers high trust to your most sensitive data, with software and hardware security assurance. Our solutions provide broad protection across users, apps, and data—powered by leading analytics to assess risk, classify and mask data, and automate user entitlements. Our unique end-to-end approach is aligned to enterprise maturity, enabling security, risk, and compliance teams to secure legacy infrastructure, adopt new apps safely, and migrate to the cloud while unlocking the full power of IT.**

## Privacy

Current approaches to addressing Privacy regulations are sometimes ineffective and incomplete. Many privacy regulations are complex and open to interpretation, making it difficult for organizations to determine specific requirements and map technology to them. In addition, many currently available technology solutions are inflexible, comprised of multiple loosely integrated point products, and lack the analytics at their core to automate required activities on the large volume of data that is a reality for enterprises today. Organizations also need to be able to gain greater insight into customer needs, enhance overall productivity, and create value from the data they govern.

Micro Focus delivers a flexible and modular set of solutions to help you identify and take action on data that might be subject to Privacy regulations. Our market-leading security, information management, and governance software is mapped to specific Privacy use cases (as outlined by PwC) and can help to support your organization's Privacy compliance program.

This broad portfolio, underpinned by rich analytics, enables you to:

- Streamline information classification by automatically identifying the most critical and sensitive data
- Apply governance policies
- Detect and respond to data breaches
- Optimize backup and recovery
- Protect data in use, in transit, and at rest

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### MICRO FOCUS SOLUTIONS

ControlPoint  
Structured Data Manager  
Identity Governance  
Voltage SecureData Enterprise



## Compliance

Mitigating risk is a fight that organizations face every day on many fronts. And with the mounting weight of legal and regulatory mandates, the need to compliantly archive and analyze rising volumes of digital data has become one of the most pressing challenges for IT leaders. While email storage and retention represent the chief data management challenge for most organizations, a variety of other content types (e.g., social media, websites, texts, images, voice files) are introducing new levels of compliance complexity every day. Organizations are realizing that they can no longer protect all enterprise information in the same way.

Micro Focus has a broad portfolio of security compliance, compliant archiving, and records management solutions to address these challenges. Our solutions enable you to:

- Manage the risk of fines, sanctions, and potentially negative legal ramifications by managing information throughout its lifecycle in accordance with internal and external requirements.
- Consolidate a broad set of data types in a central repository to manage information uniformly by policy and in accordance with varying legal, regulatory, and IT requirements.
- Meet regulatory and governance mandates for over 160 jurisdictions, with support for 1000s of content types, in a unified solution.
- Secure information that is most important to you, your organization, and your customers.

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### MICRO FOCUS SOLUTIONS

Digital Safe  
Retain  
Secure Content Management suite

## Governance

Quickly evolving privacy and regulatory compliance requirements, such as GDPR and CCPA, are intersecting with a continued explosion of digital data. Some of these regulations are global in nature, leaving many non-regulated organizations having to cope with these new requirements. Organizations need a uniform way to apply policy to all regulated data—structured and unstructured. They must also be able to quickly investigate data and deliver it as requested by regulatory agencies. Retained data must be classified and organized to optimize for storage, security, compliance, legal, and other needs. Governance is an ongoing process, and policies must be compliant, comprehensive, current, and automatically executed.

With Micro Focus Governance solutions, you can safely and securely manage information throughout its lifecycle, based on a complete governance policy—from data classification through to long-term management and disposition. This includes automated retention management that supports thousands of content types in a unified solution to simplify and speed compliance with regulatory requirements. Automation will help to reduce the cost and complexity of managing all of your data, as well as help to lower your organization's overall risk exposure.

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### MICRO FOCUS SOLUTIONS

Secure Content Management suite  
Collaboration suite  
Digital Safe  
Retain

# Our solutions provide broad protection across users, apps, and data.

## Seamless Application Security

Organizations of all verticals and sizes rely on applications to run their businesses. The ability to deliver and operate effective applications has become a significant differentiator for all organizations—and securing these applications is essential for survival. Organizations are struggling to secure their applications because of the lack of integrating application security into their existing development, test, and operations processes. They also lack expertise in application security and the ability to keep up with the proliferation of the sheer volume of applications and frequent releases.

Trust your applications and protect your business with the most comprehensive and scalable application security solution—one that works with your current development tools and processes. Micro Focus Fortify is the recognized market leader in application security. Through integration with existing tools such as Visual Studio, JIRA, ALM Octane, and Jenkins, Fortify enables adoption by developers, reduces friction, and promotes continuous deployment of secure code through automation. With Fortify, you can start securing your applications in just a day (including custom code, open source, or commercial components) and scale as your needs grow with an on-premises, as a service, or hybrid implementation.

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### MICRO FOCUS SOLUTIONS

Fortify on Demand  
Fortify Static Code Analyzer  
Fortify WebInspect

## Breach Defense

While single-point products might address one aspect of privacy, a holistic approach requires controls across the entire IT ecosystem. Hackers are counting on attack vectors caused by bloated, siloed infrastructures. As organizations build with point solutions, they are creating siloed management practices that make it harder to catch anomalies and breaches. And with the average CISO's tenure lasting just two years, this constant change limits the effectiveness of long-term planning and cybersecurity sustainability. Organizations need a better long-term security plan for cybersecurity and their digital transformation.

The Micro Focus security solution set is uniquely positioned to solve security problems across the modern IT Hybrid ecosystem—from mainframe, to traditional IT, to public cloud—helping to secure your organization as you bridge the old and the new. Our holistic approach to security moves beyond just detecting events and aligns with the NIST framework. We provide the capabilities for organizations to Identify, Protect, Detect, Respond, and Recover incidents to reduce overall risk profiles and drive a modern and secure IT ecosystem, regardless of how or where things are deployed.

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### MICRO FOCUS SOLUTIONS

Arcsight  
Fortify  
Voltage  
Interset  
Identity & Access  
Endpoint Security  
Secure Content Management suite

**With Micro Focus Security, Risk & Governance solutions, you can leverage an advanced analytic ecosystem to classify your most at-risk data across 1000s of content types, apply and enforce policies over more than 160 jurisdictions, and secure information that is most important to you, your organization, and your customers.**



Find out more at [www.microfocus.com/srg](http://www.microfocus.com/srg)

