



The Security Division of EMC

RSA Solution Brief

The RSA® Solution for Microsoft SharePoint®



What's going on within your Microsoft SharePoint deployment?

Organizations of all sizes, throughout a wide range of industries, leverage the collaboration and content management offerings of Microsoft Office SharePoint Server® (MOSS) 2007 and Windows SharePoint Services (WSS). The platform's ease of use from an end-user perspective and tight integration with Microsoft Office® productivity tools enable knowledge workers to deliver on their day-to-day tasks more efficiently and with greater speed. Such productivity and ease-of-use advantages have enabled SharePoint to proliferate and thrive in enterprises. Nevertheless, SharePoint proliferation can quickly become "SharePoint sprawl" in loosely governed environments. This sprawl takes on a life of its own and can create data security challenges for IT security administrators as well as senior management.

As your organization puts SharePoint to use, the platform becomes a more strategic and more valuable asset, one that should be managed and secured. Even shortly after deployment, SharePoint sites can propagate swiftly. As more and more workers leverage the sites – adding information from customer data to intellectual property – sensitive information (company confidential and regulated information) can become at risk. Enterprises find sensitive information of all types exposed to users who should not have access to it located on SharePoint sites. This increases the risk of a breach of sensitive information, either intentionally or unintentionally, which could have a negative impact on the business. Managing risk associated with information on SharePoint is just as important as managing risk associated with data anywhere in your organization.

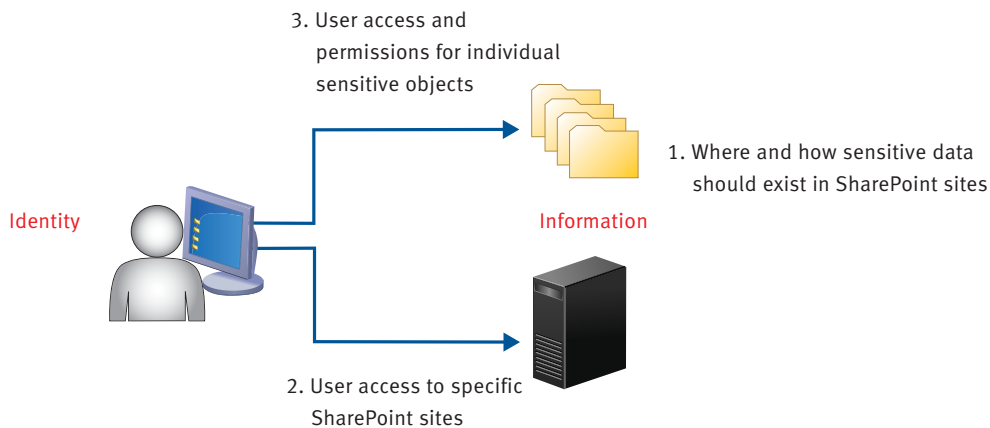
Managing Risk Within Your Microsoft SharePoint Environment

Rapid growth in the use of SharePoint sites for collaboration presents specific security challenges related to user authentication, loss of sensitive data and auditing for compliance.

Organizations are constantly trying to strike the balance between enabling ad-hoc collaboration and enforcing consistent enterprise policy as it relates to sensitive information. This dynamic has resulted in the inability to audit and assure security for distributed sites administered by individual departments (proliferation of security 'silos').

Due to the lack of careful planning and governance for many SharePoint deployments, organizations find it difficult to implement policies that govern the following security objectives:

1. Where can and where does sensitive data exist within a SharePoint environment?
2. Which users should and do have access to specific SharePoint sites based on their organizational roles?
3. On a given SharePoint site, what types of permissions should users have on sensitive resources?



Security professionals cannot assume SharePoint deployments to be safe and secure simply because they are behind firewalls. Studies show that 50%–70% of all information security breaches resulting in the loss of confidential data can be attributed to insiders.

RSA, The Security Division of EMC, helps enable you to address the security risks associated with information on SharePoint and many other enterprise applications using enterprise security tools. By securing your SharePoint deployments with RSA you will be able to discover the sensitive information within your sites; enforce controls to implement desired data protections; and report on user access activity and policy compliance.

Site sprawl intensifies SharePoint vulnerabilities:

- Uncontrolled proliferation and sharing of sensitive data with little central visibility or management across site collections
- Lack of visibility into information sharing makes data difficult to secure and manage
- Auditing and compliance attestation becomes challenging

An Integrated Solution for Microsoft SharePoint Governance

The complex security challenges described above call for a solution that ties together data security, policy enforcement, authentication and compliance reporting. The RSA Solution for Microsoft SharePoint helps organizations gain meaningful visibility and control over their SharePoint deployment.

Discover

RSA Secure View for Microsoft SharePoint

Before you begin to secure your SharePoint environment, you need a basic understanding of how broadly the scope of your deployment extends. RSA Secure View for Microsoft SharePoint is an easy-to-use tool that provides a hierarchical view of your entire SharePoint environment from the servers down to the resources within SharePoint sites (e.g., files). RSA Secure View presents a snapshot of the current environment, including lists of sites, lists of resources on each site and which users/user groups have access to each server/site/resource.

The tool offers users a quick way to simplify the data loss prevention scanning process by allowing security professionals to prioritize which areas of their SharePoint deployment they would like to scan for sensitive information (using RSA Data Loss Prevention). Ultimately, RSA Secure View for Microsoft SharePoint provides users with valuable insight into the scope of their SharePoint “sprawl” and a glimpse into potential security policy violations and concerns.

SOLUTION	FUNCTION
RSA Secure View for Microsoft SharePoint	Provides a hierarchical view of the SharePoint environment from servers to files within SharePoint sites. Reveals which users and groups have access to resources within the SharePoint deployment
RSA Data Loss Prevention (RSA DLP)	Discovers sensitive information and enforces data security policies
Microsoft Active Directory Rights Management Services (RMS)	Applies specific information rights management policies (e.g., write/copy/save) to Microsoft Office documents based on data sensitivity classification by RSA DLP
RSA SecurID and Adaptive Authentication	Flexible choices for multi-factor authentication using tokens or risk-based policy
RSA enVision platform	Monitors the security context around SharePoint servers to prioritize security remediation. Reports on vulnerabilities within SharePoint and aids in compliance efforts

RSA Data Loss Prevention Datacenter

SharePoint security governance starts with visibility – knowing what information you have stored in your environment. Without this knowledge, you cannot manage the data or apply the right security policies. RSA Data Loss Prevention (DLP) Datacenter helps businesses manage risk associated with information on SharePoint. RSA DLP Datacenter discovers and analyzes sensitive data with exceptionally high efficiencies using revolutionary, distributed, on-the-spot scanning architecture. RSA DLP provides:

- Robust enterprise incident management and reporting
- Scalability and centralized management
- High levels of accuracy

Furthermore, RSA DLP Datacenter is a comprehensive data loss prevention solution that extends across your infrastructure, not only for information residing in SharePoint sites, but also for file shares and other data repositories. It scans data sources with unprecedented speed and accuracy delivering a complete risk profile of data in SharePoint and in the data center.

RSA DLP Datacenter also lowers the costs of compliance operations. With a false positive rate on data discovery that is lower than 1%, customers know that the incidents their compliance staff has to review are genuine. They're not chasing dead ends and constraining resources. RSA DLP Datacenter reduces the need to hire and train more staff and lowers total cost of ownership. Overall, RSA DLP Datacenter gives customers a better understanding of the location of high impact business information within SharePoint, and enables businesses to protect against the proliferation of that data.

Enforce

Integration with Microsoft Active Directory Rights Management Services

Once businesses discover and classify sensitive information in their SharePoint environments, they can begin to manage and secure the data by creating and enforcing data protection policies. RSA DLP Datacenter allows users to quarantine, delete and move sensitive data, which gives more control over where sensitive data should and does exist and who can access it. Further, RSA DLP's integration with Microsoft Rights Management Services (RMS) provides persistent data controls on Microsoft Office

documents such as 'read-only, write, copy'. These controls are enforced not only in the SharePoint environment, but also when documents are downloaded to laptops or other media. Microsoft RMS is tightly integrated with RSA DLP to offer policy-based protection to documents based on the sensitivity of the data that RSA DLP identified.

RSA Authentication

RSA SecurID® and RSA Adaptive Authentication provide flexible choices for an added layer of security to ensure that only the right user can access sensitive or confidential SharePoint sites. The power of RSA's multi-factor authentication options reduces the risk of data falling into the wrong hands in the context of a large, distributed SharePoint deployment. With an increasing risk of internal threats, both intentional and unintentional, multi-factor authentication helps businesses mitigate risks associated with the exposure of sensitive data in SharePoint sites and around the enterprise.

Prevent data leakage from your Microsoft SharePoint environment.

- Understand the risk profile by discovering and analyzing sensitive data in SharePoint sites
- Attain high levels of accuracy and speed in identifying sensitive data
- Manage sensitive data through actions such as move, quarantine and delete
- Leverage RSA DLP's integration with Microsoft Active Directory Rights Management Services for persistent data protection beyond the boundaries of SharePoint sites

RSA SecurID technology is the most widely deployed, relied-upon two-factor authentication solution in the market today. Businesses globally trust RSA SecurID strong authentication to ensure that the right people get secure access to the data they need. Moreover, many organizations prefer to choose the risk-based solution offered by RSA Adaptive Authentication. No matter what your business needs, RSA offers the right form factor and type of authentication solution to meet your requirements.

Report

RSA enVision Platform

The RSA enVision® security information and event management platform allows IT security professionals and compliance officers to pull SharePoint within the scope of their compliance mechanisms. Because many SharePoint deployments harbor sensitive data that are subject to regulatory requirements, businesses need to understand the security context with SharePoint to attest that the business is in compliance with laws regarding personally identifiable information (PII), health information, payment card information (PCI) and other sensitive data that is subject to regulatory mandates. However, SharePoint is often overlooked as a repository for regulated data until auditors arrive and ask about what information is stored in those sites.

The RSA enVision platform collects logs from RSA DLP to enable security professionals to view anomalous activity associated with SharePoint servers that have sensitive information. RSA enVision software analyzes the DLP events and creates prioritized alerts based upon correlations with other enVision data – for example, what the platform reports about the user activity. The RSA enVision platform also cross references events from RSA DLP in forensic activity. Further, it is an enterprise platform that scales across the enterprise, beyond SharePoint sites to monitor systems both locally and remotely, and to report on compliance mandates and streamline security operations.

Why consider the RSA Solution for Microsoft SharePoint?

RSA SecurBook for Microsoft SharePoint

With RSA, businesses using SharePoint will be able to better understand and prioritize information risks within their SharePoint deployments, to leverage RSA security controls across applications and data repositories and ultimately do more with less while preparing for security challenges now and in the future.

RSA offers security and IT professionals the ability to gain a quick return on investment with The RSA SecurBook for Microsoft SharePoint, an easy to follow solution guide to get to the root of SharePoint security issues and quickly establish flexible controls and frameworks that will enable dynamic and persistent SharePoint security as deployments grow. Further, The RSA SecurBook for Microsoft SharePoint is designed to help to reduce implementation time and cost of ownership. The SecurBook covers the following:

- Solution Architecture for Securing SharePoint
- Solution Deployment and Configuration guides
- Operational Guidance for effectively using the solution
- Troubleshooting Guidance

With better, broader SharePoint site security controls, businesses can to unlock the value of their investment, leverage the full capabilities of MOSS 2007 and use it as a strategic asset knowing that the information in SharePoint sites is managed and secured. The RSA Solution for Microsoft SharePoint, together with EMC's information management capabilities offers the widest set of solutions to SharePoint security and data management concerns.

Choosing RSA for SharePoint security is a smart choice.

- A comprehensive product portfolio covering the identity and data life cycles
- Testing and validation of security within a SharePoint environment
- Broadest range of industry leading authentication choices



The RSA Solution for Microsoft SharePoint, together with EMC's information management capabilities offers the widest set of solutions to SharePoint security and data management concerns.

RSA is your trusted partner

RSA, the Security Division of EMC, is the premier provider of security solutions for business acceleration, helping the world's leading organizations succeed by solving their most complex and sensitive security challenges. RSA's information-centric approach to security guards the integrity and confidentiality of information throughout its lifecycle – no matter where it moves, who accesses it or how it is used.

RSA offers industry-leading solutions in identity assurance & access control, encryption & key management, compliance & security information management and fraud protection. These solutions bring trust to millions of user identities, the transactions that they perform, and the data that is generated. For more information, please visit www.RSA.com and www.EMC.com.

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