



# CA Security Management

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In today's business environment, security remains one of the most pressing IT concerns. Most organizations are struggling to protect an increasing amount of disparate resources, allow for additional users, and manage the ever-evolving risk of threats and malicious attacks—all while trying to handle the exponential increase in security-related events. As an organization expands its assets and increases its exposure to a variety of users—from employees and customers to competitors and those dreaded hackers—a simple patchwork of security controls no longer suffices. Instead, organizations require a comprehensive solution that facilitates proactive management of their security environment; one that addresses the entire spectrum of security, from user identity and access, to threat management, to centrally managed security-related administration and information. A comprehensive security management solution can deliver multiple benefits, including reduced costs, less downtime and lost productivity, and easier regulatory compliance. Most importantly, when an organization is confident that its information assets and resources are secure, it can return to doing what it does best—conducting business.

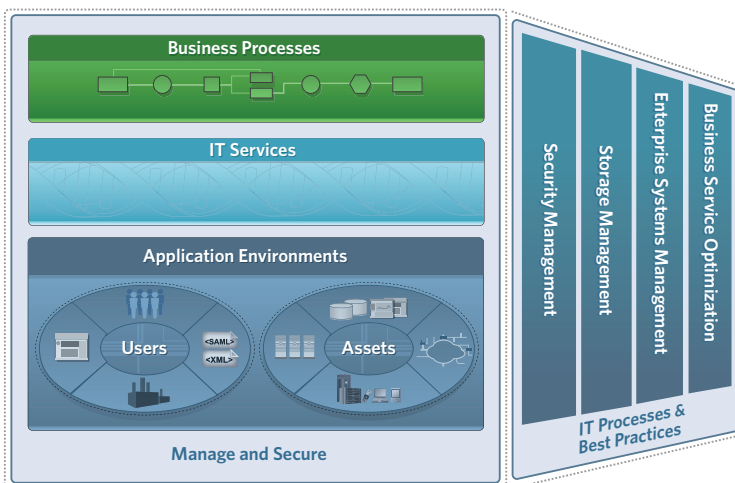


Figure 1. EITM — Unify and Simplify IT Management

## The IT Security Management Challenge

Effective security management cannot exist in isolation. It should be viewed as part of an overall IT infrastructure that covers many disciplines. CA's vision is to optimize the performance, reliability and efficiency of enterprise IT environments by tightly integrating the control and management of distinct functions: operations, storage, security, life cycle and service management. By developing a central management system to provide a unified view of all aspects of the enterprise in relation to business activities and needs, CA can provide the foundation for a truly business-centric IT organization.

Enterprise IT Management (EITM) is CA's vision for enabling a new level of management control across the enterprise. EITM is a dynamic, secure approach that integrates and automates the management of information

technology applications, databases, networks, security, storage, and systems across departments and disciplines to realize the full potential of each. CA's comprehensive portfolio of modular IT management solutions helps the enterprise unify, simplify and secure IT to better manage risk, costs, service and ensure that the value of IT is realized.

With its Security Management solutions, CA applies its extensive expertise in management software to today's security management issues. Strong security management helps you gain an understanding of your security environment in all of its complexity, turning security data into actionable information, obtaining on-demand answers to critical questions and, based on those answers, taking proactive, aggressive action to protect assets and information across your entire enterprise—whatever your business model or organizational structure. Furthermore, CA Security Management solutions align security with your business needs to protect and enable your business.

## CA Security Management Solutions

CA's Security Management solutions deliver the flexibility required to align every aspect of your organization's security issues with your business needs by automating, simplifying and streamlining processes and providing real-time visibility into the multitude of security events that occur daily in your business environment—enabling the right response at the right time. Your organization quickly achieves operational efficiencies, reduces costs and mitigates risk while helping to ensure compliance with governmental or industry regulations.

CA's Security Management solutions are grouped into three areas: Identity and Access Management, Threat Management, and Security Information Management. These solutions address virtually every aspect of your organization's security, are tightly integrated, and can operate with your existing security infrastructure helping to cut costs and enhance security.



Figure 2. CA Security Management Solutions

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## CA Identity and Access Management

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Today, organizations like yours face major challenges when managing the digital identities and access levels of users of all kinds (e.g., employees, customers and partners). IT security departments must quickly enable new employees with access to appropriate accounts and resources, while finding new ways to control access to corporate business resources by external users and partners. To achieve regulatory compliance, you must also ensure that a consistently strong security policy is applied across all resources, and that a complete audit trail is available in order to prove compliance.

CA Identity and Access Management includes the most comprehensive solutions available to manage the administration, user provisioning, policy enforcement and auditing of user identity and access. These solutions centralize and automate the creation of user identities, accounts and approval work flows, provisioning both IT and non-IT resources while reducing costs through process automation. Digital identities are managed throughout their life cycles with tools such as automated work flows and approval processes, automated resource provisioning and de-provisioning, comprehensive password services, single sign-on and self-service administration. These solutions allow you to control every aspect of digital identities from initial creation, all the way to identity termination. From the day an employee begins work, a partner signs up, or a customer accesses services, your organization can track and manage the relationship. As identities change, work flow and approval processes reflect those changes, preventing orphaned accounts and security breaches.

CA Identity and Access Management solutions also enforce strong access policy across all platforms, operating systems and business applications, whether or not resources are web-based. Centralized management of user identities and access rights, coupled with consistent policy application, help reduce costs, achieve operational efficiencies and minimize risk. To help ensure information privacy, prevent inappropriate access and achieve regulatory compliance, CA Identity and Access Management solutions also provide strong and customizable reporting and auditing features.

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## CA Threat Management: Managing Technology's Demons

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These solutions meet—and defeat—a broad range of threats head-on, with unique preventive and rapid-response approaches. These solutions incorporate technologies that prevent viruses, spam, spyware, Trojans, rootkits, and other malicious content from infiltrating and infecting email and business applications. They empower your security personnel to identify a threat to, or weakness in, your infrastructure. In addition, they allow you to take immediate actions, preventing incidents before they impact your organization.

Today's businesses—both large and small—want to profit from the power of the Internet and improve communication channels while preventing exposure to attacks and threats. Sophisticated new viruses and network attacks surface “in the wild” every day, ready to wreak havoc on business operations. In addition, newer threats are becoming “blended attacks”, in which the malware exhibits attributes of a number of different attack categories. Left undetected, these malicious attacks can destroy information assets, reduce productivity and damage your organization's reputation, possibly even infecting the assets of your partners and customers. Even with the best antivirus technology, malicious viruses and computer attacks continue to plague today's businesses. The brand reputation, excellent customer service and employee productivity that took years to build can be jeopardized in a matter of seconds by a successful cyber attack.

CA's Threat Management solutions proactively detect, analyze, warn, prevent and remediate attacks across IT environments—efficiently and cost-effectively. These solutions proactively prevent network policy violations both at the corporate gateway and endpoint—across critical servers and workstations—averting malicious content or virus-laden attachments from infiltrating your business systems. Furthermore, these solutions remediate security threats and vulnerabilities before they can be exploited by an outside attacker, thereby securing uninterrupted business operations.

Because organizations like yours need to understand the nature of the threat before they can respond to it, CA's solutions are backed by the CA Security Advisory Team, a worldwide network of rapid-response centers staffed 24 x 7 by a team of expert security researchers and certified support professionals who initially identify and automatically isolate the latest attacks—no matter where they appear on the network.

With CA's Threat Management solutions, you can embrace an active and adaptable strategy to tailor your security defenses to new situations, reducing security management costs without sacrificing protection.

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## CA Security Information Management: Managing Information Overload

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Many security systems collect data from security-related resources and issue alerts. Each system generates this information in a different way, presents it in a different format, stores it in a different place and reports it to a different location. Over time, this constant flood of security events and incidents from incompatible security technologies creates security information overload. This fragmented approach leads to duplication of effort, high overhead, weak security models and failed audits.

CA's Security Information Management solutions convert reams of security data from disparate systems and applications into meaningful and actionable business intelligence. They bring order to the massive amounts of security data generated daily, helping to prevent disruption of business and providing the security views needed to gain regulatory compliance. CA Security Information Management solutions provide the "big picture" to help control costs, create business intelligence and increase the overall efficiency of security system management, allowing your organization to make the right decision at the right time.

These solutions help ensure that your organization is controlling its security infrastructure rather than being controlled by it. These solutions use visualization and advanced forensics analysis of physical and IT data, transforming raw security data into actionable business intelligence. Centralized control helps you improve administrator efficiencies and reduce costs, while integration and automation improve effectiveness and enhance security. Most importantly, these solutions help prevent negative impact on your business operations and provide the security views required to achieve regulatory compliance.

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## CA Security Management: Business Benefits

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CA Security Management solutions proactively secure an organization's cross-platform, heterogeneous IT infrastructure. Powerful, comprehensive solutions provide complete security infrastructure management from the IT industry's leading security management vendor.

CA Security Management can provide critical benefits to IT Executives of all types of enterprises. These solutions allow you to:

- **Manage Costs.** These solutions can dramatically increase the operational efficiencies of your security management effort. Costs can be reduced through the use of centralized access management, automated user provisioning, self-service and delegated administration capabilities, password management services, and automated aggregation and correlation of security event log file information.  
  
In addition, user and administrator productivity can be significantly improved through automated provisioning of accounts, integrated threat management, single sign-on, and automated workflow approval processes.
- **Manage Risk.** CA Security Management solutions enable you to reduce and control your IT risk by significantly improving the security and privacy capabilities of your entire IT infrastructure. Lowered IT risk means lowered overall corporate risk, which can translate into improved standing with investors, as well as protection of your critical corporate assets.
- **Achieve Regulatory Compliance.** CA Security Management solutions enable you to establish strong and effective internal IT security controls, which can serve as the basis for much more effective regulatory compliance programs. Regardless of which regulation you need to comply with, strong IT controls will make compliance much easier, as well as help to create an effective compliance framework for use with other existing or emerging regulatory mandates.

### CA Security Management

- Manage Costs
- Manage Risk
- Achieve Regulatory Compliance



Security Management is a key part of any overall management strategy. However, security does not exist in a silo. To ensure business continuity and connect with your enterprise's overall business processes, security must seamlessly integrate with your management infrastructure. CA's Security Management solutions integrate with Unicenter® infrastructure management, BrightStor® storage management and AllFusion® application life cycle management solutions, which work together to help you reduce costs, maximize business efficiencies and enable business continuity.

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## CA: Delivering Value

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CA is committed to keeping your interests at the forefront of everything we do by delivering value through innovative and high-quality products and services. Our CA Technology Services team helps ensure unimpeded access to our rich technical skills throughout all stages of your project life cycle, including: strategy, implementation, results monitoring, and CA Education courses. Our business processes are certified global ISO 9001:2000—the highest quality standard—allowing us to consistently deliver high-quality products to our customers. And in an industry first, we sell our solutions through FlexSelect Licensing™. FlexSelect Licensing gives you the flexibility and power to determine the length and dollar value of your license agreement, adjust software usage to your business needs, adapt to technological changes and better manage your software budget.

**For more information, please call 1-800-875-9659 or visit [ca.com](http://ca.com)**



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