

# Cybersecurity: An Integrated Approach

From CAS



## We take an integrated approach to building and managing healthy security environments.

The threat envelope has widened and new vectors must be addressed across people, processes, and networks.

If you're ready to transform your cybersecurity posture, CAS can help you plan, build, and manage an integrated and proactive strategy that will protect, detect, prioritize, respond, address, and control security breaches. The team of highly experienced professionals has successfully implemented security solutions for organizations of all sizes, including education, healthcare, and state and federal government.

### Advanced Fraud

IBM Trusteer helps organizations seamlessly establish identity trust across the omnichannel customer journey. Through cloud-based intelligence, backed by AI and machine learning, Trusteer provides a holistic platform to help you welcome in new and existing customers, while protecting against malicious users. The challenge becomes knowing if new and existing customers are truly legitimate, without creating a painful user experience.

### Cloud Identity

IBM Cloud Identity helps you secure user productivity with cloud-delivered

Single Sign-On, multifactor authentication, and identity governance. It comes with thousands of pre-built connectors to help you quickly provide access to popular SaaS apps; and pre-built templates to help integrate in-house apps.

### End Point Management

If your organization is like most, you have a diverse mix of endpoints, desktops, laptops, servers, point-of-sale devices and more, connecting to your corporate network. Only a handful of these endpoints run on the same platform. We see many organizations with multiple point solutions performing different tasks on different devices, like asset discovery, patching, software usage and OS deployment. CAS can help you secure your organization's endpoints from laptops, desktops and servers to point-of-sale devices, ATMs and kiosks, including 90+ platforms and operating systems with scalable and comprehensive solutions for today's distributed networks.

### Carbon Black and Bigfix Integration

IBM and Carbon Black have partnered to design a new integrated offering, which links Carbon Black's endpoint activity data with public Common Vulnerabilities and Expo-

sure (CVE) databases to deliver a prioritized list of actively exploited vulnerabilities that's tailored to each organization. Combining IBM BigFix and Carbon Black lets security professionals identify and patch the endpoint exploits that are most threatening to their particular organizations. This process increases enterprise-wide visibility and speeds response time.

The integration also uses IBM QRadar which, together with BigFix, provides threat prioritization of vulnerabilities at network level. The IBM BigFix and Carbon Black integration allows administrators to deploy a full endpoint security solution to detect, contain, investigate, and remediate security threats and attacks on endpoints across the enterprise. The following sections provide useful information and links to the resources available for the solution.

### Data Security

CAS helps clients safeguard critical data wherever it resides, across a full range of environments – from databases to big data, cloud, file systems and more with a step-by-step, holistic strategy to data security and governance using IBM Security Guardium and Key Lifecycle Manager.

IBM Security Guardium is a comprehensive data security platform that

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provides a full range of capabilities – from discovery and classification of sensitive data to vulnerability assessment to data and file activity monitoring to masking, encryption, blocking, alerting and quarantining to protect sensitive data.

## Identity Access Management

Managing identities and access privileges is at the heart of solving any security issue. IBM's Identity Access Management (IAM) products and services help customers define their identity governance strategy, centralize identity management, and reduce cost associated with user provisioning and access management. IAM products also audit, monitor and report on user compliance with acceptable use policy.

Privileged Identity Manager provides a single integrated product that helps thwart insider threats by protecting and tracking the use of user credentials with elevated access privileges.

## Incidence Response

IBM Resilient Incident Response Platform (IRP) is the leading platform for orchestrating and automating incident response processes. IBM Resilient IRP quickly and easily integrates with your organization's existing security and IT investments. The CAS cybersecurity experts can help you go from hours to minutes in responding to emerging threats.

## Mobile Device Management

MaaS360 is a comprehensive Enterprise Mobility Management platform that enables apps and content with trust on any device anytime, anywhere, by delivering mobile security for the way people work. Whether you need basic mobile device management or are looking to support the full gamut of iOS, macOS, Android, and Windows, CAS can help you secure your mobile workforce.

## Network Security

CAS works with clients to protect the integrity of their network and data. We work with hardware and software partners to create the most secure solutions for targeting threats and stopping them from entering and spreading on networks. Feature partners include:

**Forcepoint:** Protects your enterprise's datacenters, edges, branch offices, cloud networks and the people that use them with the world's best network security solution while saving you valuable time and resources.

**Cisco Enterprise Network Security:** Integrates security into the Cisco Digital Network Architecture (Cisco DNA) to provide one trusted architecture.

## Security Intelligence And Event Management (SIEM)

**IBM QRadar:** The most intelligent, integrated and automated SIEM system in the industry, and recognized as a leader by multiple independent analyst firms, IBM QRadar provides value before, during and after an attack because it incorporates behavior and context. This means better security profiling, advanced detection and complete forensics. IBM QRadar leverages the threat intelligence expertise of the IBM X-Force dynamic database to provide a preemptive approach to security with early threat detection, forensic analysis, log management, and vulnerability management.

**Splunk:** Named a Leader in 2017 Gartner Magic Quadrant for SIEM for the fifth straight year, Splunk Solutions transform machine-generated data into valuable insights that can help make your business more productive, profitable and secure. It's the easy, fast, and secure way to search, analyze and visualize the massive streams of machine data generated by your IT systems and technology infrastructure — physical, virtual and in the cloud.