Data Protection as a Service (DPaaS)

Protecting Sensitive Information

All organizations have sensitive information. It's created by internal business processes, stored on numerous devices, processed by enterprise applications, accessed by users, and shared with third parties. Common forms of sensitive information include intellectual property, confidential data, personally identifiable information (PII), protected health information (PHI), personnel files, credit card information, and financial records. The challenge for IT teams is securing the data whenever and wherever it's stored, moved, accessed, or shared. For organizations using cloud applications and repositories, the complexity of protecting this data increases exponentially.

Data Protection (DP)

Holistic data protection combines the benefits of Enterprise Data Loss Prevention (DLP) with the file-level control of Enterprise Digital Rights Management (EDRM). This robust synergy allows you to discover, monitor and protect sensitive data on premises and in the cloud, while simultaneously providing information-centric encryption, identity-based access, granular permission levels, and multi-factor authentication. With EDRM, security-specific settings travel within the file and can be modified dynamically over time. Your data is protected every time it's accessed—no matter where it travels. However, proactively managing the additional files, permissions, encryption keys, policy violations, threat alerts, end-user communications, and administrative tasks can easily overwhelm a security operations team.

DPaaS in Action

On-boarding a new employee often requires sharing sensitive data with internal teams and external partners. Policy dictates that this data should be captured in a secure PDF, encrypted, and saved to SharePoint where it can be shared and decrypted by specific users. Even after extensive user-awareness training, inevitably someone will save this file to another location, send the file to a non-authorized user, or try to save the PDF without proper encryption and tracking. With Phoenix Cybersecurity DPaaS, the tools will automatically identify the non-compliant act, trigger an alert, restrict access, take corrective action, communicate with the user and report the offense to the privacy team for follow-up.
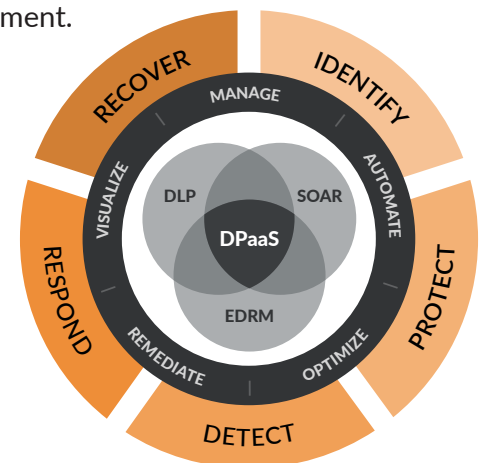
Data Protection as a Service (DPaaS)

Preventing sensitive information from being lost, stolen, exposed, misused and accessed requires governance policies, operational processes, and data protection expertise you may not have in-house. Phoenix Cybersecurity combines industry-leading **Enterprise Digital Rights Management** and **Data Loss Prevention** software with our own Allesao **Security Orchestration, Automation and Response** (SOAR) managed service to deliver a unique Data Protection as a Service (DPaaS) solution for federal government and enterprise organizations. The powerful, on-premises platform is managed by data protection and security experts using engineering, operations, and sustainment best practices customized for each client environment.

Velocity and Visibility

Including an enterprise SOAR platform in our DPaaS solution, allows us to automate tasks both internal and external to the DLP and EDRM tools. We build automated workflows to quickly triage alerts, investigate incidents, enrich cases, modify user file access, import data from other systems, communicate with users and escalate cases that require a human touch. This proven approach reduces the Mean Time to Respond (MTTR) and minimizes the risk associated with protecting sensitive information. SOAR also improves executive visibility by using real-time dashboards to visualize operational statistics and trends. Now difficult questions like "How many high-severity incidents were contained at each location last month?" are easy to answer.

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How is Phoenix Cybersecurity different?

We are data protection and cybersecurity experts that understand the importance of governance, user experience and building holistic security operations following a programmatic approach. Our architects simultaneously develop the technical and operational designs of your solution to ensure your platform goes into production faster and immediately delivers value to your organization.

Policy

Having written policies and industry-leading tools that enforce them are key to the success of a Data Protection solution. Our experts will help you develop your Data Protection Plan, build your governance policies and gain executive approval.

Manage

Managing the operations and sustainment of your Data Protection solution leverages the best practices and experience we have developed from designing and managing similar implementations over the last 10+ years.

Automate

Automating workflows with an enterprise SOAR platform enhances the velocity, scalability, and accuracy of your processes. Even incidents that require human intervention are semi-automated to improve decision speed, efficiency and quality.

Optimize

Our programmatic approach focuses on continuous process improvement. Analyzing the data and alerts generated by our tools helps us refine the policies, logic, and operational processes resulting in smarter, tighter security workflows.

Remediate

False positives are a significant problem for most security solutions. But with SOAR, we automatically triage and remediate about 50% of your alerts and semi-automate the rest. Security automation and orchestration reduces analyst stress and fatigue.

Visualize

Real-time dashboards deliver valuable business insights to privacy and security executives. Using the power of SOAR, dashboard charts and graphs are customized to provide the "big picture" and analyze trends over time.

About Phoenix Cybersecurity

Phoenix Cybersecurity is a national provider of data protection engineering, operations, sustainment and managed security services to Fortune 500 companies, U.S. Department of Defense, and U.S. Federal Government and Federal Prime Contractors.

Call 1-888-416-9919 or Visit www.phxcyber.com to Request a Demo

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