



DATA LOSS PREVENTION **SOLUTION GUIDE**

Now, more than ever before, organizations are storing and accessing sensitive data across a variety of networks, clouds, and devices. Without proper visibility into these complex systems, organizations increase their risk of theft or the accidental disclosure of sensitive information, including financial data and personally identifiable information (PII) such as credit card numbers, social security numbers (SSNs), and protected health information (PHI). Failure to protect this sensitive data can result in serious penalties and lasting reputational damage as evolving compliance mandates have tightened data protection requirements surrounding consumer information.

With managed data loss prevention (DLP) by ECS, organizations can understand how and where their employees interact with sensitive data and what controls are needed to protect it. Our experts will help your organization secure your intellectual property, protect sensitive information, and comply with industry regulations and business standards surrounding data protection.



VISIBILITY

CHALLENGE: Your analysts cannot effectively identify corporate data as it travels between network, cloud, and employee devices.

SOLUTION: ECS leverages data capture technology that allows you to track, manage, and visualize your organization's data with real-time scanning and detailed indexing of all network traffic. Whether data is at rest in storage, in use during an operation, or in transit across a network, your organization will know where data is, who is using it, and where it is going at all times. This enhanced visibility allows ECS' experts to forensically analyze events and fine-tune how rules and policies are implemented across the organization.



ACCIDENTAL SHARING

CHALLENGE: Your team lacks the ability to prevent and respond to events in which sensitive information has been unintendedly disclosed.

SOLUTION: Backed by the latest monitoring and prevention software, ECS' analysts will identify when sensitive information such as personal health records or confidential data has been shared or accessed by parties inside or outside of your organization. When permissions are violated, ECS automatically blocks any future attempts to access, store, or share the information.



BRING YOUR OWN DEVICE (BYOD) SECURITY

CHALLENGE: As remote work increases your organization's reliance on cloud storage and personal devices, your IT team struggles to secure a growing number of endpoints.

SOLUTION: With data capture and device control solutions, ECS secures your organization's email and web gateways, preventing information from leaving the network through email, instant messaging, wikis, ports, and other leakage vectors. Our security analysts help tackle insider threats by detecting unusual behavior and identifying risky users, preventing rogue or negligent employees from exposing sensitive data no matter the employee's location or device.



DEVICE CONTROL

CHALLENGE: Removable devices pose a threat to your enterprise data and serve as a potential entry point for malware.

SOLUTION: ECS leverages hardware and content-based filtering, strict access control, and real-time monitoring to prevent the unauthorized use of removable media and mass storage devices. Whether your employee is in the office or on the move, ECS captures detailed device information and enforces strict security policies, ensuring data is never misused and malware remains safely off your corporate network.



COMPLIANCE

CHALLENGE: Changing data regulations make it hard for your organization to maintain compliance with government and industry standards.

SOLUTION: Whether you store PII, PHI, credit card information, or other regulated data, ECS provides your organization with the remediation tools to meet regulatory frameworks. When audits occur, increased visibility makes it easier to assemble the necessary compliance information, saving time, money, and effort.



EXPERTISE

CHALLENGE: Your in-house experts struggle to maintain DLP policies across your organization's networks, clouds, and devices.

SOLUTION: As part of our DLP solution, ECS offers award-winning managed security services. ECS' team of experts continually monitor and protect your organization's data with 24x7x365 eyes-on-glass monitoring, proactive threat-hunting, and rapid incident response. Whether the threat is an external actor attempting to extrude trade secrets or an internal employee with malicious intent, you can rest easy knowing ECS experts are there protecting your organization's most sensitive data.

Interested in learning more about ECS' cybersecurity solutions?
Reach out and speak to an expert today at cyber@ECStech.com

ECS is a leading information technology provider delivering solutions in cloud, cybersecurity, software development, IT modernization, and science and engineering. The company's highly skilled teams approach and solve critical, complex challenges for customers across the U.S. public sector, defense, and commercial industries. ECS maintains partnerships with leading cloud and cybersecurity technology providers and holds specialized certifications in their technologies.