

eSHARE Data Attributes Tool

Organizations managing sensitive and regulated data face a critical challenge: ensuring documents are consistently classified, clearly marked, and protected without disrupting end-user productivity.

The Challenge: Inconsistent Data Classification

- Sensitivity labels alone **lack the precision** required for regulatory or contractual controls
- Manual header or footer markings lead to **inconsistencies and errors**
- DLP policies struggle without structured metadata to act upon
- End users need a solution that fits naturally into their existing workflows

The Solution: Clear Classification. Real Enforcement.

The eSHARE Security Attributes Add-in extends Microsoft Purview Sensitivity Labels by introducing attribute-based classification, allowing organizations to define and enforce additional security context.

How It Works

1. Begin with a Sensitivity Label

The user opens the eSHARE Office Add-in, which reads the document's assigned Microsoft Sensitivity Label and determines which security attributes are available.

2. Select Required Security Attributes

Based on the label, the user selects values for each mapped security attribute (such as CUI or Export Control). The Apply button remains disabled until all required values are chosen.

3. Apply Markings Intelligently

When applied, eSHARE automatically generates standardized header or footer markings. If existing markings are present, the user can append, prepend, or replace them with guided prompts.

4. Enable Policy Enforcement

At the same time, eSHARE writes a unique GUID to the document's custom properties, enabling precise, policy-driven DLP enforcement across Microsoft 365.

The screenshot shows the eSHARE Security Attributes Add-in interface. The window title is "eSHARE" and it has a close button. The main content area is titled "Security Attributes" and "External Sharing". Under "Sensitivity Label", a dropdown menu shows "Private". Below that, under "Security Attributes", there are two sections: "Proprietary Information" and "Controlled Unclassified Information". Each section has radio buttons for "YES" and "NO". At the bottom, there are "Apply" and "Cancel" buttons. Blue numbered callouts (1, 2, 3) point to the Sensitivity Label dropdown, the Security Attributes section, and the Apply button respectively.

Key Capabilities & Value



Attribute-Based Classification

Extend Microsoft Sensitivity Labels with configurable security attributes such as CUI, Export Control, and proprietary classifications,



Consistent Visual Markings

Automatically generate standardized header and footer markings based on selected attributes, eliminating manual errors and ensuring clear, human-readable classification on every document.



GUID-Driven DLP Enforcement

Embed a unique GUID into document properties to enable precise, policy-driven DLP enforcement that goes beyond brittle keyword or pattern-based detection.



Policy-Driven Configuration

Map attributes and values to sensitivity labels through backend configuration, ensuring users only see options aligned to organizational security and compliance policies.



User-Friendly Experience

Guide users through proper classification directly within Microsoft Office, reducing training overhead while enforcing security without disrupting productivity.



Improve Compliance Confidence

Standardized markings and enforceable metadata help organizations meet regulatory, contractual, and internal data protection requirements with greater consistency and auditability.

Why It Matters

Teams can confidently create and share sensitive documents knowing required security context is **applied correctly from the start.**

The Outcome

The eSHARE Data Attributes Add-in allows Security classification to become part of everyday document creation, enabling teams to work confidently while ensuring sensitive information is consistently prepared for enforcement and compliance.

Turn Document Classification into Enforceable Policy

Discover how eSHARE extends Microsoft Sensitivity Labels with structured security attributes and metadata that make compliance-driven workflows enforceable from the start.

About eSHARE

eSHARE helps organizations protect sensitive information with attribute-based security, enforceable metadata, and user-friendly controls that integrate directly into everyday workflows.

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