

# PK Classification

## Apply Labels to Identify and Protect Sensitive Information

Data classification solutions are an essential component of helping organizations secure personal and sensitive data. PK Classification categorizes data based on custom or predefined policies to ensure sensitive data security and privacy.

Systematic, enterprise-wide sensitive data classification at a glance:

- Simplifies compliance
- Improves end-user awareness of security policies
- Makes other personal data security technology more effective



### Classification You Can See

PK Classification allows access control defined by the organization and enables enforcement.

- **Add visual tags to classified data**  
As it is created, moved, shared, duplicated, or saved. Metadata associated with encrypted sensitive data and their files remains readable by data loss prevention (DLP) tools.
- **Build correlated and indexed identifiers**  
Across all stores and endpoints to create all-encompassing identities for any data governance need, including DSAR response.

## Customizable Policy Builder

PK Classification offers:

- The most significant data regulatory laws and mandates in the industry are mapped to over 100 PKWARE automated, out-of-the-box policies that can be instantaneously applied, customized, and enforced
- For data privacy, security, healthcare, and financial organizations, PKWARE's reliable policies save inordinate time in rapid deployment
- Administrators have a powerful, easy-to-use policy builder capable of categorizing data based on specific needs
- Create classification policies to augment automated policies in complex scenarios
- Build basic classification frameworks based on sensitive data requirements unique to the organization

Ownership of the content, context, integrity, and accuracy of sensitive data



Governance rules determining use of each type of sensitive data



Protection techniques for each type of sensitive data



Access privileges based on the mapping and tagging levels of sensitivity



## Index Personal Identifiers and Create Full Identities

Keep a fast, dynamic, and continuous record of the types of sensitive data you have using automated, policy-based classification integration from PKWARE.

- **Map What You Have**  
Automatically apply tags to files containing sensitive data elements using business-level terms, such as confidential, public, and restricted.
- **Report on Data**  
Automatically apply classification and policy-based remediation to all types of sensitive data.
- **Tagging Options**  
Automatically apply labels to files and enable users to tag files.
- **Integration Capabilities**  
Discover and protect data tagged by classification solutions such as Microsoft, Titus, Bolden James, and more.



PKWARE gives you the confidence to act on data in the best interests of your organization and the people who entrust you with their data.

## Persistent Data Classification

PKWARE's persistent classification provides valuable data insight that can be integrated with an organization's access control system. This ensures constant privacy of sensitive personal data while in use or being modified, whether in motion, or at rest.

Files are persistently and automatically classified with policies and visual labels applied to all required files and repositories containing sensitive data. The organization can then apply appropriate protection techniques, such as:

- Deletion to minimize holding unnecessary sensitive data
- Masking data to permanently prevent misuse but maintain business value
- Encryption to protect sensitive data until approved access is required



## Supported File Extensions

Word	doc, docx, doc, dot, docx, docm, dotm, dotx
Excel	Xls, xlt, xlsx, xlsx, xltm, xlsx
PowerPoint	ppt, pps, pot, pptx, pptm, ppsx, ppsm, potx, potm
Project (2010>)	mpp
Visio (4) (2010>)	vsd, vss, vst, vsdx
TML (2,3)	html, htm
Open Office (1,2)	odf, odt, odp
PDF	
ZIP	
Message (3A)	eml, msg
Media (3)	jpg, jpeg, jpe, jpc, jpf, jps, jpx, jp2, j2c, j2k, jfif, mp4, tif, tiff, wma
Text / RTF	txt, rtf
AUTOCAD DraftSight	dwg, dxf

And many more!

## Benefits of Classification

- **Guide Sensitive Data As It Travels**  
In addition to adding human-readable file labels, classification applies metadata tags that can direct the actions of other downstream enterprise security and data management solutions, triggering appropriate rules.
- **Demonstrate Regulatory Compliance**  
Regulatory violations can lead to crippling fines, long-term public relations damage, and even criminal charges. Classifying data makes it easier for a business to meet the data governance requirements.
- **Build a Culture of Security**  
Emphasize the message that everyone has a role to play in protecting and managing sensitive information.

# Technical Requirements

## Enterprise Manager

### Operating Platforms

- Windows Servers 2008, 2008 R2, 2012, 2012 R2

### Internet Information Services

- IIS 7.0
- IIS 7.5m
- IIS 8.0

### SQL Serve

- 2008
- 2008 R2
- 2012
- 2014

## Endpoint Agent

### Operating Platforms

- Microsoft Windows
- Linux RHEL and SLES

### Algorithms

- AES256 (encryption)
- RSA 2048 SHA 512 PSS (signing)

### Certificate & Key Types

- Smartkeys
- X.509 Digital Certificates
- OpenPGP

## PK Protect Suite



PK discovery



PK classification



PK masking



PK encryption



PK privacy

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