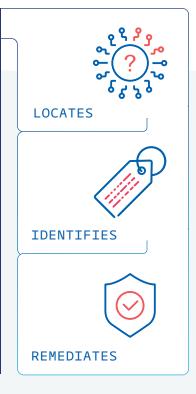# PK Protect

Productivity Protected

Businesses need to be empowered to work safely with sensitive data in order to make better business decisions, gain greater customer insights, move to the Cloud, and generate new revenue streams.

With data quickly becoming the new currency for businesses, the PK Protect Platform provides the sensitive data control that businesses need.

- Largest platform support in the market
- Direct line of sight to all sensitive data exposure risks
- Single view for data discovery, security, and reporting

LOCATES

IDENTIFIES

REMEDIATES

Protect with Precision

PK Protect enables enterprise-wide sensitive data protection, safeguarding people's privacy and the entire organization's security. Businesses can be confident that they have complete administrative control in finding and protecting sensitive data, wherever it is stored. The PK Protect suite makes it simple for organizations to:

- Seamlessly deploy and gain quick time to value
- Perform granular custom discovery operations for identities and sensitive data
- Gain precise, automated visibility
- Apply masking, encryption, classification, or redaction to match custom and pre-defined policies

PK Protect shields your business from financial and brand damage by ensuring that your sensitive information is identified, labeled, and protected with the best technology available.

The Fundamental First Step: PK Discovery

Build your foundation for business-sensitive data management and privacy protection

- Automate data discovery across structured, unstructured, and semi-structured data
- Utilize out-of-the-box policy templates for PII, PCI, HIPAA, and GDPR elements, or define advanced custom policies
- Close sensitive data discovery gaps to prepare for audits and minimize breach data exposure
- Build correlated and indexed identifiers across all stores and endpoints to create all-encompassing identities for any data-governance need

PK Classification

Keep a fast, dynamic, and continuous record of the types of sensitive data you have

- Categorize data based on custom or predefined policies to ensure sensitive data security and privacy
- Simplify systematic manual and automatic classification to achieve enterprise-wide sensitive data classification compliance
- Extend data protection policies to classification partners, vendors, and other parties receiving sensitive information

"PKWARE has provided extreme security for our files."

Litigation Support Specialist
State and Local Government

PK Masking

Apply masking or redaction of sensitive information across petabytes of data

- Gain the power to mask sensitive data, making it permanently indecipherable
- Add dynamic masking and access controls to data at the exact moment of query or time of access
- Automatically mask and permanently obscure sensitive data in analytics and test databases for quick and full leverage of the entire data set
- Match credit card-issuer algorithms and other sensitive data types with PK Protect intelligent policy-based redaction, automatically redacting a portion of each credit card number within a file
- Reduce retention of sensitive data by automatically and permanently removing it as soon as it appears in files on computers, file servers, or in other network locations

PK Encryption

Dynamically encrypt data in motion or at rest on the broadest platform in the industry

- Convert sensitive data into encrypted values for emails, files, databases, on-premises, and in data stores of all major cloud players
- Provide controlled mechanisms for decrypting only to people in defined roles with proper access
- Encrypt data while preserving the formatting and length of original data
- Transparently encrypt data at the block level for a smooth user experience
- Seamlessly send internal and external end-to-end encrypted emails
- Encrypt structured, semi-structured, and unstructured data in ways that leave it usable for production and test environments
- Protect sensitive data persistently and preserve the data's business value

PK Privacy

Comply seamlessly with data privacy regulations within multiple jurisdictions

- Scan all files, systems, and repositories that contain personal data and contextualize sensitive privacy information with PKWARE machine learning-infused software
- Create and maintain inventories of personal data and robust, unique identities of all individuals
- Apply appropriate privacy policies of multiple regulatory jurisdictions from over 100 out-of-the-box options without a single line of code
- Respond fully and on time to Data Subject Access Requests (DSARs) with individualized reports based on PK Discovery identity creation and company-defined privacy policy application
- Automate Record of Processing Activities (ROPAs) accurately
- Protect privacy simultaneously at the individual level, enterprise level, and the data inventory and risk management level

PK Protect: Automate enterprise-wide location and monitoring of sensitive data, identity creation, data classification, and policy-based data protection techniques ensuring complete privacy for individuals and protection of organizational personal data vulnerabilities.

PK discovery   PK classification   PK masking   PK encryption   PK privacy

Start by Discovering Data Across the Enterprise

Relational Databases (RDBMS) and Structured Data Store	• Amazon Aurora • Microsoft SQL Server • Green Plum • MySQL • IBM Db2	• IBM Db2 for z/OS • IBM Power Systems (AS/400) • Oracle • PostgreSQL • Sybase MariaDB
Data Warehouses	• Amazon Redshift • Google BigQuery	• IBM Netezza • Teradata
Big Data Hadoop Platforms	• Amazon Elastic MapReduce (EMR) • Cloudera • Google Cloud Dataproc	• Hortonworks • MapR • Microsoft Azure HDInsight
NoSQL Databases	• Cassandra	
Cloud Object Stores	• Amazon Simple Storage Service (s3) • Google Cloud Storage	• Microsoft Azure Blob Storage • Microsoft Azure Data Lake Storage
Inflight Data Transfers	• Via API Library	
Endpoints	• Windows	• macOS
File Servers	• Windows Server • Linux	• CentOS

Ready To See It Live? Contact Us!

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