

Data-Centric, Risk Aware Security for the Multicloud & Beyond

Get data security that scales with you - and go beyond legacy solutions with BigID's ML-driven data security solutions. Transform your data security with ML-based classification, file analysis, and apps to reduce risk and take action. Reduce risk, protect your data, simplify incident response, and improve your security posture for all of your data, everywhere.

- **Discover Your Data**
Discover and catalog your sensitive data, including structured, semi-structured, and unstructured - in on-prem environments and across the cloud.
- **Know Your Data**
Automatically classify, categorize, tag, and label sensitive data with unmatched accuracy, granularity, and scale.
- **Improve Data Security Posture**
Proactively prioritize and target data risks, expedite SecOps, and automate DSPM.
- **Remediate Data Your Way**
Centrally manage data remediation - delegate to stakeholders, open tickets, or make API calls across your stack.
- **Enable Zero Trust**
Reduce overprivileged access & overexposed data, and streamline access rights management to enable zero trust.
- **Mitigate Insider Risk**
Proactively monitor, detect, and respond to unauthorized internal exposure, use, and suspicious activity around sensitive data.
- **Achieve Compliance**
Automatically meet security, privacy, and AI compliance and frameworks globally, wherever data resides.
- **Accelerate Your Cloud Migration**
Optimize cloud migration with data-driven insight & compliance, automatically reducing redundant data & moving the data that matters most
- **Reduce Your Attack Surface**
Shrink the attack surface by proactively eliminating unnecessary, non-business critical sensitive data.

You Can't Protect What You Can't See.

Securing data is challenging as you face an increasingly voluminous, varied, and vulnerable environment. A lack of complete data visibility and control across a complex environment makes identifying data risks, coordinating remediation, complying with regulations, and reporting on security posture difficult. Enabling a secure journey to the cloud or enacting a least privilege model is hard when you don't completely understand what you have. You can't protect what you don't know about it.

Know your data. Control your data. Reduce your risk.

Leverage BigID for a data-centric, risk-aware approach for data security to effectively improve your security posture, streamline remediation, ensure compliance, shrink your attack surface, and ultimately reduce data risk. Through advanced AI, ML, and NLP, BigID empowers you with comprehensive data visibility and control, facilitating quick insights and enabling prompt actions anywhere your data lives - across the cloud and on-prem.

The screenshot displays the BigID Security Posture interface. On the left, a sidebar shows navigation options like 'Security Posture', 'Open (418)', 'Closed (2)', and 'Resolved (48)'. The main panel shows a critical alert titled 'Open Access Payment Card Data with High Sensitivity detected on sharepoint-online' dated May 5th, 2023, at 08:00. The alert includes a 'Policy Description' about PCI DSS standards and a summary showing 28 findings and 4 objects with restricted sensitivity. A callout box indicates that 100% of violations are located in the folder 'bigiddemo::Documents/bigiddemo/CS'. Below this, a table lists affected objects.

Name	Path	Type	Sensitivity	Owner	Attributes	Tags
2 user stuf...	sites/bigid...	file	Restricted	demolabel...	5	6

BigID for Data Security

Get the next generation of data security, compatible across your entire data landscape – and enrich your existing tech stack.

Find the data that matters most to you with customizable, ML-driven classification and automatically inventory your data by sensitivity, type, policy, context, and more. Identify vulnerabilities, remediate high risk, sensitive, and regulated data, reduce your attack surface, and track & manage your risk.

Discovery & Classification

- ▶ **Discover and classify** sensitive data across all structured and unstructured data sources - across the cloud and on-prem.
- ▶ **Connect to and scan** SaaS, mainframes, messaging, pipelines, big data, NoSQL, IaaS, applications, and more.
- ▶ **Scan unstructured data** 95% faster with BigID's patented Hyperscan technology.
- ▶ **Automatically find cloud data** using auto-discovery to save time and eliminate data blind spots.
- ▶ **Utilize advanced ML and trainable NLP**-based data classification for exceptional accuracy and scalability.
- ▶ **Search by identity and residency** with BigID's patented Identity Correlation to enable data subject access, deletion, and more.
- ▶ **Standardize data labeling and tagging** rules across all data for consistency, including within Microsoft Purview, Google Drive, and more.
- ▶ **Govern generative AI** by classifying and validating LLM training data to prevent unwanted data leaks and exposure.
- ▶ **Automate a dynamic data inventory** with contextual insights including data type, regulation, sensitivity, metadata, relationship, similarity, and more.

Risk Management & Remediation

- ▶ **Identify, score, and prioritize critical data risks** by severity level according to sensitivity, location, accessibility, and more.
- ▶ **Remediate data your way** - centrally manage data remediation workflows or decentralize them across your data security stack.
- ▶ **Execute a range of remediation actions** including data encryption, deletion, masking, tokenization, and more.
- ▶ **Minimize your attack surface** by eliminating duplicate, ROT, dark, shadow, and non-business critical data.
- ▶ **Mitigate toxic combinations** of data co-located to minimize potential attack vectors.
- ▶ **Protect sensitive secrets** such as API keys, tokens, and credentials from exposure across DevOps.
- ▶ **Accelerate data migration to the cloud** by pinpointing, prioritizing, and encrypting necessary data before transit.

Access Intelligence & Data Access Governance

- ▶ **Identify and flag overprivileged users** and groups, third parties, and remote workers with unfettered access to sensitive data.
- ▶ **Detect and investigate** overexposed sensitive datasets, files, and sources with open or external access.
- ▶ **Natively revoke access permissions** and streamline access rights management for proactive access control.
- ▶ **Achieve Zero Trust** and mitigate the risk of unwanted data exposure, use, and leakage at enterprise scale.

Breach Investigation & Response

- ▶ **Minimize the impact crater** - discover data that potentially leaked & Identify what data was impacted
- ▶ **Analyze whose data was affected with an identit-aware map** of personal data, including PII and PI, and sensitive data
- ▶ **Analyze breached data** and effortlessly pinpoint affected individuals and specific personal data that was exposed.
- ▶ **Generate breach impact reports** for regulators and auditors to meet breach notification and response timelines and requirements quickly.

Governance, Privacy, & Compliance

- ▶ **Enforce and manage hundreds out of the box policies** to monitor data by sensitivity, regulation, residency, location and more - and trigger controls for compliance with NIST, CISA, PCI, and privacy, security, and AI frameworks.
- ▶ **Automate data privacy** with end-to-end privacy capabilities including data request management, data rights fulfillment, consent and cookies management, RoPA & PIA, and customizable privacy portals.
- ▶ **Streamline data retention and deletion** at scale according to business and regulatory requirements.
- ▶ **Achieve compliance** by implementing and automating controls around personal, sensitive, and regulated data.

Risk Assessments, Reporting, & Insights

- ▶ **Simplify and automate data risk assessments** for a comprehensive view of data risks at any point in time.
- ▶ **Fully customize dashboards** and reporting to track trends, metrics, and important KPIs over time on specific data initiatives.
- ▶ **Empower users with self-service reporting** and alleviate the burden off of administrators.
- ▶ **Get advanced data insights** via patented deep learning, NLP, graph, supervised learning, and LLM extensions.
- ▶ **Produce audit reports** for quick and hassle-free compliance verification for regulators.
- ▶ **Dive into data insights the way you want** with vsual, configurable, and actionable data intelligence reporting across your entire environment

About BigID

BigID enables security, compliance, privacy, & governance for all data, everywhere. BigID is enterprise-ready and built to scale: enabling a data-centric approach to comprehensive cloud data security & DSPM, accelerating compliance, automating privacy, and streamlining governance. Customers deploy BigID to proactively discover, manage, protect, and get more value from their regulated, sensitive, and personal data across their data landscape.

BigID has been recognized for innovation as a 2019 World Economic Forum Technology Pioneer; named to the Forbes Cloud 100; the Inc 5000 for 3 consecutive years; the Deloitte 500 for 3 consecutive years; Market Leader in Data Security Posture Management (DSPM); Leader in Privacy Management in the Forrester Wave; and an RSA Innovation Sandbox winner.

Find out more at <https://bigid.com>.

Know Your Data, Control Your Data.

Data Security • Compliance • Privacy • Governance

Reduce risk, accelerate time to insight, and get data visibility and control across all your data - everywhere.

“ **Tools like BigID are the future.**

Organizations should be leveraging these tools to remove the manual processes from data discovery, provide better visibility, and help with prioritization of controls.



Ryan O'Leary
Future of Trust: Battling Data Discovery Confusion