

Identity-Aware, Data-Centric Breach Analysis & Response

Seamlessly map and inventory data to determine impacted users and personal data. Generate automated reports for regulators and auditors, and identify users' residency to tailor the response to specific requirements with ease. Quickly and proactively understand the magnitude of a breach and punctually meet notification and response timelines and compliance.

- **Discover, classify, and label** all personal data to define access and remediation policies.
- **Quickly find and understand** sensitive data across your systems to determine the scope of a breach.
- **Leverage** AI to understand the exact data compromised and individuals impacted.
- **Generate** reports to meet regulatory deadlines and streamline breach response.
- **Pinpoint** data location and type to implement stronger security controls and prevent future breaches.

How Do You Accurately Determine the Size of a Data Breach?

Data breaches are exposing a growing volume of sensitive information. Limited visibility across a hybrid data environment makes it difficult to pinpoint the scope of a breach, leaving organizations scrambling to understand the damage. The inability to map exposed data back to identities for remediation further hinders response efforts. Organizations need faster, more precise solutions to investigate breaches, contain them effectively, and meet compliance deadlines and mitigate their financial and reputation damages.

Analyze & Response to a Breach with AI-Automated Precision & Insight

By taking a data-centric, AI-automated approach towards finding, mapping, and understanding sensitive personal data across the environment, organizations can quickly determine the extent of a data breach and proactively respond to meet compliance and notification requirements.

Reduce Compliance Risk

Understand exactly what personal data you have and where it resides. Ensure compliance with data privacy regulations like GDPR and CCPA by identifying and managing data effectively, and avoiding costly fines.

Improve Data Security Posture

By pinpointing the exact location and type of personal data within your systems, implement stronger data security controls and measures. Prevent breaches and minimize the impact of those that do occur in the future.

Streamline Breach Response

In the event of a data breach, automatically produce breach impact reports quickly. Meet regulatory notification deadlines and focus on remediation efforts and notifying affected individuals, saving valuable time and resources during a critical period.

The screenshot displays the BigID Breach Response interface. At the top, there is a search bar and user profile information for 'Neil'. The main section is titled 'Breach Response' and contains several components:

- Residencies**: A section with a red icon.
- Attributes**: A section with a red target icon, showing 'Car Model*', 'US SSN*', and 'Date of ...' with a legend for '* Classification' and '** Enrichment'.
- Drilldown**: A summary bar showing 'PII Records', '0 Location Types', '3 Attribute Types', 'Data Source Types', 'Accounts', and '116 Cached Data'.
- Table**: A table with columns for Entity, Attribute, Data Source, Location, Details, Risk, and Cached Data. The data rows are as follows:

Entity	Attribute	Data Source	Location	Details	Risk	Cached Data
D***s B***e	street_address	breach-investigation-...	N/A	Details	76.3	
D***s G***t	email	breach-investigation-...	N/A	Details	63.1	●
D***a D***n	email	breach-investigation-...	N/A	Details	81.9	
J***e D***n	email	breach-investigation-...	N/A	Details	81.9	
C***J Y***g	guid	breach-investigation-...	N/A	Details	65.9	
I***e L***t	guid	breach-investigation-...	N/A	Details	70.6	

- Other Matches**: A section showing a list of matches with a progress bar, similarity percentage, and a 'Compare' button. The matches are:

Match	Similarity	Action
Network File Share	73%	Compare
Benefits	62%	Compare
Linkage	50%	Compare

Discover & Get Context

Discover, classify, label, tag, and inventory all of your personal data with context and insight. Get added context, business value, lifecycle, the purpose of use, data quality, accessibility, and the risks that surround it. Define access and remediation policies around specific types of sensitive data across the environment.

Map Personal Data

Stitch together personal data points across the data environment, cloud or on prem, structured or unstructured. Correlate names, addresses, social security numbers, and other identifiers to build a comprehensive identity map to understand what data you have, who it belongs to, and where it resides. Ensure compliance with data privacy regulations and effectively manage access controls.

Investigate with Insight

Leverage advanced AI and ML to understand the magnitude of a breach. Take a sample set of breached data, likely containing personal information like email addresses or social security numbers, and compare it across the entire personal data environment at scale. Accurately identify similar data points, effectively matching the breached data to individuals and entities. Understand the scope of a breach but also which individuals and what specific pieces of their personal data were compromised.

Produce Breach Impact Reports

By analyzing breached data and the identifying matches, automatically generate comprehensive breach impact reports. Detail the type of data exposed, the number of individuals affected, and their residencies. Quickly meet the strict breach notification and response timelines mandated by regulators and auditors. Save time and resources for remediation and notification efforts.

Remediate Data Risks

Remediate data your way - centrally manage data remediation workflows or decentralize them across your data security stack. Identify, score, and prioritize critical data risks by severity level according to sensitivity, location, accessibility, and more. Execute a range of remediation actions including data encryption, deletion, anonymization, masking, tokenization, and more to mitigate exposure to insiders.

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