



BigID: A Data-Driven Approach To GDPR

BigID is the first product to apply identity intelligence and smart correlation to personal data discovery and classification, providing companies the content and context they need to make decisions on how to manage and protect data.

BigID has set out answer the fundamental questions that enterprises need to answer to manage and control their data operations:

- Knowing what data they have;
- Figuring out what data belongs to who; and,
- Being able to document how data is being processed, shared or exposed.

The BigID platform can search across the data landscape to find all private information by identity, map the data relationships across sources and visualize how data flows across their infrastructure to help customers comply with privacy regulations and better protect their private data.

BigID Addresses EU GDPR's Most Challenging Requirements

BigID uses a unique identity correlation approach that leverages the identifiability of personal information in order to find personal data, and correlate it to the data subject. This allows BigID to deliver capabilities imperative for compliance with the EU GDPR such as

- Satisfying personal data rights like right to access, port, rectify and erase one's data;
- Satisfying Article 30 record keeping requirements for data processing flows;
- Measuring privacy risk and automating de-risking policies;
- Providing targeted breach response by residency and attributes of specific data subjects impacted;
- Correlating existing consent logs with people for easier management, and proactively identifying when processing is outside of consent agreements.

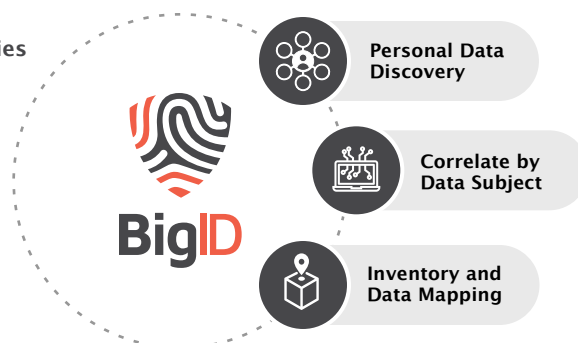
Continuous Compliance for Records of Processing Activities

DSAR Automated Fulfillment

Consent Validation and Inspection

Breach Impact Assessment and Timely Notification

Privacy Risk Calibration and Assessment



BIGID TACKLES THE CHALLENGE OF GDPR DATA KNOWLEDGE

Automated Fulfillment of Data Subject Rights

Under GDPR, data subjects can request all the data related to them and that any processing activities related to their data be suspended or terminated.

Any data that can be tied back to a data subject is by definition personal data – such as cookie IDs, IP addresses, device identity – not just directly identifiable data.

How? BigID provides with a one-click ability to generate a subject access report based on a comprehensive personal data inventory.

Data access, rectification, deletion and portability reports can be easily automated for internal support teams, as well as self service requests.

BigID can automate discovery of new personal information across data sources and infer new classes of personal information based on correlation output

Automation and Accuracy of Data Processing Flow Record Keeping

GDPR Article 30 requires covered entities to maintain up-to-date and accurate records of data processing activity that regulators can request on demand. Using surveys and spreadsheets to compile data flow maps is time-consuming and results in low-fidelity output.

How? BigID automates the building and maintenance of data flow maps from actual live data, ensuring record keeping accuracy while simplifying collaborative business context augmentation.

BigID integrates actual systems-level insight into processing activities with the ability to assess compliance with consent and purpose of use limitations based on data subject.

BigID Capabilities for GDPR Compliance

Article	Description
Article 5 – Principles relating to processing of personal data	BigID can document and represent system-level data processing activities , as well as personal data inventory, serving as a functional baseline for the legal basis for processing and purpose for processing.
Article 6 – Lawfulness of processing	BigID's data flow mapping capabilities enables customers to collect and manage the purpose of processing and map it to the actual business processes and data inventory items.
Article 9 – Processing of special categories of personal data	BigID provides tools to apply personal data categories to the data inventory, and then search based on these categories. IT and privacy teams can solicit purpose of use information from business stakeholders using integrated collaboration tools. Many special categories of data are non-identifiable information such as race, religion, gender – which are not possible to find using automated classification alone. Once instances of the special categories have been discovered across the data estate, BigID's correlation capabilities can associate the instances with the data subject to ensure privacy protection.
Article 15 – Right of access for the data	BigID provides a one-click ability to generate a subject access report that can be used by support teams to respond to requests, or easily delivered through a self-service portal. Because BigID compiles an index of all personal and private data that points to where specific data values are stored, the system can also simplify the process for data analysts of responding to data subject requests for access, modification or erasure.
Article 16 – Right to rectification	Requests for modification and deletion can be routed through existing ticketing systems, with specific information on which values should be modified on which data sources. Based on the information presented, the data subject can request to change it.
Article 17 – Right to erasure ("right to be forgotten")	BigID can trigger a deletion workflow process which provides detailed information about location of all applicable data subject information, on request from a data subject. The deletion request can be routed using BigID's integrated workflow system, or via integration with a customer's ticketing system.
Article 20 – Right to data portability	BigID provides IT operations with an actionable report on where an individual's data resides, simplifying the process of porting data values distributed across enterprise infrastructure. A Data Portability report can also be generated for providing this information to the data subject. Like other functionality in BigID, this capability is accessible via a configurable console and programmatically via a set of APIs.
Article 24 – Responsibility of the controller	BigID provides a risk KPI that is critical for a risk assessment that takes into account the nature, scope, context, and purposes of the processing as well as the risks of varying likelihood and severity for the rights and freedoms of individuals. Also, leveraging the data flow mapping and the inventory provide the documentation needed to prove compliance.
Article 25 – Data protection by design and by default	Continuous monitoring provided by rigid and the ability to combine BigID scans and corrective workflows allow the implementation of privacy by design and by default.
Article 30 – Records of processing activities	BigID Data Flow Mapping module facilitates the automated and collaborative building of an inventory of processing activities that is needed in order to provide full record of personal data processing activities.
Article 32 – Security of processing	BigID discovery of personal information facilitates the orchestration of security controls such as encryption or de-identification. This can be done automatically through integration with the BigID API. BigID continuously monitors the environment in order to ensure the effectiveness of the controls.
Article 33 – Notification of a breach to the DPA Article 34 – Communication of a data breach to the data subject	BigID inventory holds the identities of the data subjects whose data is stored in each data source. In case of a breach, BigID can generate an exact list of data subjects directly impacted by the breach and that needs to be notified. BigID can also determine the risk to the data subject in order to determine whether there is a need to notify the DPA.