TCS Data Privacy Solution

NGM INDIA

Awards & Recognition

To know more
Visit the data privacy solution page on tcs.com
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Tata Consultancy Services is an IT services, consulting and business solutions organization that delivers real results to global business, ensuring a level of certainty no other firm can match. TCS offers a consulting-led, integrated portfolio of IT and IT-enabled infrastructure, engineering and assurance services. This is delivered through its unique Global Network Delivery Model™, recognized as the benchmark of excellence in software development. A part of the Tata Group, India’s largest industrial conglomerate, TCS has a global footprint and is listed on the National Stock Exchange and Bombay Stock Exchange in India.

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With the introduction of Personal Data Protection (PDP) Bill 2019, India has become one of the latest entrants in the data privacy legislation arena. By proposing stringent regulations and several changes to data retention and data removal policies, the policymakers have taken a huge step towards securing sensitive citizen data that is accessible to enterprises. However, given the large repositories of unused personal data coupled with the stringent norms proposed, enterprises will need to have a mechanism to manage, supervise, and implement data protection laws and policies.

TCS Data Privacy Solution powered by TCS MasterCraft™ is highly scalable, easy to integrate and comprises of a rich library of data privacy technologies tailored to handle specific needs of enterprises, towards meeting data privacy requirements of India PDP Bill, 2019. The solution interfaces with several business applications, minimizes integration touchpoints, enables consent lifecycle management, classifies and secures information as per defined policies to maintain data privacy throughout an enterprise.

**Overview**

The growing digital footprint of Indians is leaving a fragmented trail of personal data behind. The new legislation will mark a shift in responsibilities for both organizations (data fiduciaries) that collect, process, transmit and store personal data of individuals (data principals) and the companies (data processors) that process personal data as per their business contracts with data fiduciaries. It would not be feasible through manual procedures for any organization to manage consent lifecycle, data principal rights and ensure privacy of personal data (via masking, pseudonymization, vaulting etc.) for huge volumes of records that reside with data fiduciaries and their data processors. It is imperative to implement technology solutions that could automate compliance requirements of the India PDP Bill, 2019.

TCS Data Privacy Solution is a one-stop solution that allows data fiduciaries and data processors to protect the autonomy of data principals concerning their personal data. It does this through measures such as identification of sensitive data in various systems within an organization, detailing of consent and its enforcement across processing of personal data elements and securing personal data wherever necessary through classification, masking/anonymization or pseudonymization and vaulting them wherever processing and storage of extremely sensitive personal data elements come into play. The solution also helps centralize data privacy-related activities for the Data Protection Officer of an organization.

**Solution**

TCS Data Privacy Solution comes with a range of capabilities such as:

- **Discovery and Classification:** Permits enterprises to discover, classify, configure personal data elements, and leverage policy based framework to manage personal data processing.
- **Consent Lifecycle Management:** Enables enterprises to configure business purposes for processing personal data, broadcast those purposes to Data Principals, collect their express consent and enforce consent within IT applications that process personal data.
- **Data Privacy Features:** Gives enterprises the freedom to choose from several options, such as Static Data Masking, Dynamic Data Masking, Data Redaction, and Data Pseudonymization.
- **Data Vaulting:** Enterprises can leverage this feature to store extremely sensitive personal data elements in a secure and distinct data vault.
- **Easy-to-Integrate Services:** Helps business applications handle the data privacy and data governance aspects with minimal integration touchpoints.
- **Additional Data Privacy-Related Functions:**
  - Automates Data Principal Rights requests for Right to Access, Right to Update, Right to Portability and Right to be Forgotten.
  - Supports better enterprise data management through synthetic data generation and data quality improvement.

**Benefits**

With TCS Data Privacy Solution, enterprises can reap the following benefits:

- **Define Data Elements and Data Policy**
  - Define data elements and leverage data policy framework for usage and processing of personal data.
  - Define enterprise-wide business purposes for Personally Identifiable Information (PII) data.
- **Comply with Data Privacy Rules**
  - Ensure adherence to latest regulations on data privacy as mentioned in India PDP Bill, 2019 to avoid hefty penalties.
  - Enable data principals to execute their rights according to listed regulations through self-serve portals.
- **Adopt Policy-driven Data Masking and Vaulting**
  - Support pseudonymization of personal data to meet data principal rights.
  - Support anonymization of personal data for usage in non-production environment.
  - Securely store sensitive data in data vault.
- **Improve Audit Trail Maintenance**
  - Maintain audit trail of personal data access and its usage as per data governance norms.
  - Verify and track transactions involving use of personal data.

**The TCS Advantage**

By partnering with TCS, the enterprises can leverage:

- **Proven Expertise:** With TCS Data Privacy Solution, the enterprises stand to benefit from the expertise gained by implementing GDPR in Europe, which has similar data privacy requirements as proposed in India’s PDP Bill, 2019. With TCS’ track record of GDPR implementation, enterprises can be assured that TCS solution is a proven working solution.
- **Modular, Scalable Solution:** TCS Data Privacy Solution has been designed to support a wide variety of heterogeneous data sources and platforms. The solution is highly modular, scalable, and capable to meet the changing regulatory requirements and needs of the customers.
- **Leadership in Data Privacy Solutions:** TCS is recognized by customers and renowned analysts across the world, such as the Everest Group, Nelson Hall, and The Forrester Tech Tide™ report, as one of the critical and next-gen suppliers of proven data security solutions. TCS has been ranked as a leader in IT Security Services, including its data privacy capabilities, by the Everest group in June 2020 and a leader in GDPR Services by Nelson Hall in June 2018.
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