

SOLUTION BRIEF

Risk Management

The Background

Financial services and insurance (FSI) firms are expected to identify, assess, and control threats to organizations' capital and earnings. Whether these threats stem from financial uncertainties, legal liabilities, data breaches, management errors, or natural disasters, preparedness is critical to protecting the firms and their clients.

To manage this, FSI firms increasingly expect real time visibility of their risk exposures, sliced and diced along a full spectrum of granularity — from top-of-the-house consolidated exposure across asset classes, to single-name exposures or desk-level or legal entity aggregates. This helps them anticipate and mitigate risks before they become realities.

The Challenge

The risk management process involves various stakeholders who need access to aggregate data, transaction-level data, and material nonpublic information for a range of purposes. However, these types of data often contain sensitive information that must be protected. To maintain regulatory compliance, retain clients' trust, and their own reputations, FSI firms must ensure data is accessed on a need-to-know basis, which requires managing access rights for each data consumer. For enterprise data teams, scaling access controls consistently in as little time as possible presents a substantial challenge.

The Solution

In order to help data teams efficiently manage data access at scale, accelerate speed to data access, prevent unauthorized access or leaks, and adhere to stringent regulatory and contractual guidelines, FSI firms need an all-in-one solution — not a collection of disparate tools. Immuta helps meet these rigorous demands using a variety of advanced techniques:

- **Attribute-Based Access Control:** Grants or restricts data access at query time based on data, user, and environmental attributes, such as data owner, user role, or data location.
- **Purpose-Based Access Control:** Ensures access control is granted on a legitimate, as-needed basis by mapping policies to explicit use purposes.
- **Row- and Column-Level Security:** Dynamically masks, redacts, or exposes data in specific rows or columns based on access control policies enforced at query time.
- **On-Demand Data Monitoring:** Streamlines data request workflows to enable self-service data access and shows changes to data over time, so reports can be pulled whenever necessary.
- **Audit Logs:** Monitor and show who accessed what data, when, and for what purposes to demonstrate compliance with regulations, contracts and other data privacy rules.

The Outcome

FSI firms that leverage Immuta's cross-platform data security and access capabilities for risk management experience:

1. Faster responses to imminent risks and better risk mitigation as a result of reducing time to data access that maximizes foresight and planning.
2. More informed decision making due to self-service data access and secure data collaboration that allows teams to plan for risks appropriately.
3. Strengthened reputation as a result of reducing the firm's overall risk potential, which mitigates data breaches, leaks, and regulatory fines.

See how Immuta can improve risk management processes for yourself.

Start your free trial or request a demo today.

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