

Automated Discovery and Classification of Sensitive Identifiers for a Compliance Services Organization



Context

The customer is an Indian financial and compliance services organization with multiple offices and a centralized IT infrastructure. Their operations generate and store high volumes of sensitive alphanumeric identifiers (16–26 digits), such as acknowledgment numbers linked to financial or regulatory transactions.

Following the outcome of a litigation case, the organization was required to demonstrate control and governance over sensitive records to ensure compliance and prevent future legal exposure. Due to strict security requirements, the solution needed to be on-premise and deployable within an air-gapped network.



The Challenge

Key challenges identified by the organization included:

- 1 Sensitive identifiers were scattered across file servers and databases, making manual tracking extremely time-consuming and error-prone.
- 2 The organization needed to respond to litigation requirements, ensuring that no sensitive records were inadvertently exposed or mishandled.
- 3 Lack of automated discovery increased the risk of non-compliance during audits or legal scrutiny.
- 4 Traditional search and manual checks were infeasible given the volume and format of sensitive data.

The organization required a scalable, automated solution that could reliably scan, detect, and classify these identifiers without relying on external network connectivity.





Solutioning

To address these challenges, the organization deployed the Seqrite Data Privacy solution, designed for air-gapped environments.

- 1 Implemented pre-built and custom classifiers to detect 16–26-digit alphanumeric identifiers.
- 2 Scanned file servers and structured databases, including PDF/A documents, to identify any records containing sensitive acknowledgment numbers.
- 3 Configured the system also to detect files where the file name itself matched acknowledgment numbers, ensuring that no sensitive data was overlooked.
- 4 Automated the classification process, tagging sensitive records for secure handling or remediation.
- 5 Configured scheduled scans to run at regular intervals, ensuring continuous monitoring without manual intervention.
- 6 Provided traceability reports to support client NOC issuance.



Business Outcome

The deployment delivered tangible operational and compliance benefits:

- ✓ **Full Visibility:** Comprehensive view of all acknowledgment numbers across servers, databases, and PDF/A files.
- ✓ **Efficiency Gains:** Eliminated manual searches, reducing effort for IT and compliance teams.
- ✓ **Regulatory & Client Assurance:** Enabled accurate reporting to support NOC issuance, which could demonstrate that no sensitive data remained in the system.
- ✓ **Risk Mitigation:** Proactive classification minimized the risk of inadvertent exposure or future compliance issues.
- ✓ **Air-Gapped Compliance:** All operations were fully contained within isolated networks, meeting strict security requirements.
- ✓ **Repeatable Governance:** Automated scans and reporting established a sustainable process for ongoing data verification and client requests.

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Today, 30,000+ enterprises in more than 70+ countries trust Seqrite with their cybersecurity needs.



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