ezescan.

making digital work

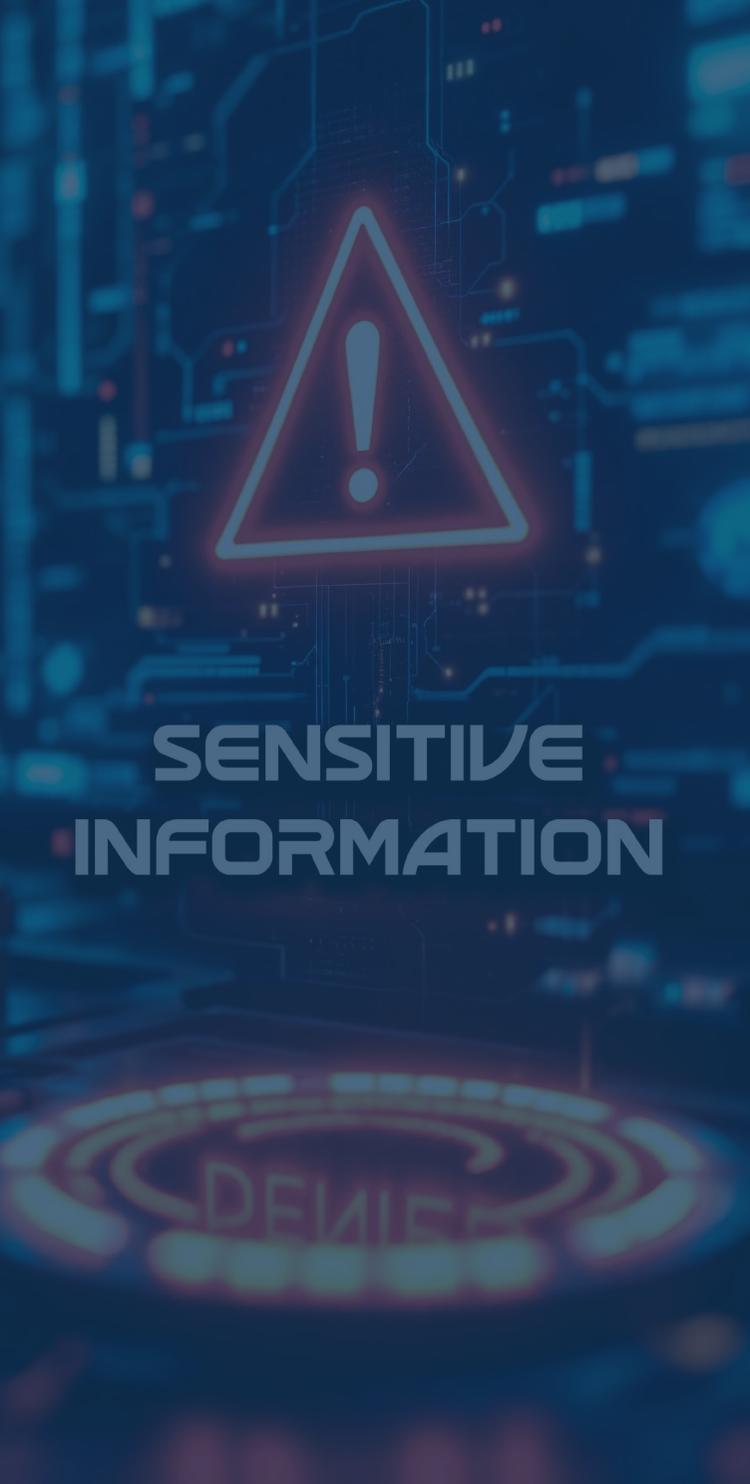# Find It, Fix It, Prove It.

PII/PCI Automated Discovery & Remediation

A Practical Guide from EzeScan

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PII

Executive Summary

Across the globe, organisations are under increasing pressure to protect sensitive information.

Personally Identifiable Information (PII) and Payment Card Information (PCI) now exist in every corner of the modern information ecosystem; emails, documents, shared drives, cloud repositories, collaboration platforms, and decades-old legacy systems.

At this scale, manual discovery and redaction is no longer realistic. The risks are too great, the penalties too severe, and the volume too overwhelming.
This white paper introduces an end-to-end approach to sensitive data governance, built on a simple but powerful framework: Find it, Fix it, Prove it!

This framework paired with purpose-built automation gives organisations a practical, scalable, and defensible way to reduce exposure, strengthen security posture, and meet global compliance obligations.

The Global Challenge

Regardless of industry government, financial services, legal, healthcare, utilities, or enterprise, organisations share a common problem. **They don't know where their sensitive information actually lives.**

PII and PCI accumulate silently over years. Files are duplicated, emailed, archived, uploaded, shared, and stored in places nobody remembers.

Without automated visibility, organisations are making decisions in the dark and putting themselves at risk.

Meanwhile, global regulatory pressure continues to intensify. Across all regions, one message is clear…

The financial, operational, and reputational cost of unmanaged sensitive data now outweighs the cost of fixing it.

Australia

- Under the Privacy Act, penalties can reach AUD $50 million, 3x the value of any benefit obtained, or 30% of adjusted turnover, whichever is greatest.

- Notifiable Data Breaches scheme continues to tighten expectations for breach prevention & detection.
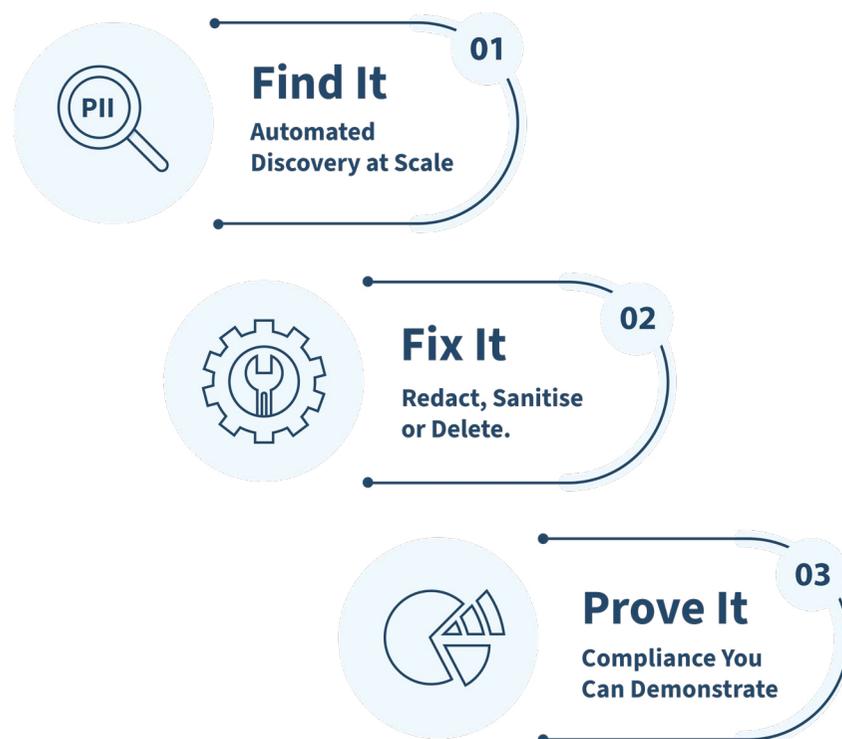
United Kingdom

- UK GDPR allows fines up to £17.5 million or 4% of global annual turnover, whichever is higher.

- Regulators have become increasingly focused on demonstrating proactive governance, not reactive cleanup.

United States

- CCPA/CPRA fines can reach USD $7,500 per record for intentional violations.

- PCI DSS non-compliance fines range from USD $5,000–$100,000 per month, plus potential restrictions on card processing.

- State-level privacy laws continue to expand creating a complex regulatory landscape.

The Find It, Fix It, Prove It Framework

This framework provides a complete, end-to-end approach to sensitive data governance supported by automation that ensures scalability, accuracy, and compliance.

Find It 01
Automated Discovery at Scale

Fix It 02
Redact, Sanitise or Delete.

Prove It 03
Compliance You Can Demonstrate

Find It
Automated Discovery at Scale

The first step in protecting sensitive information is knowing where it lives. Automated discovery replaces manual searching with continuous, intelligent scanning.

Key Capabilities:

- AI-driven detection for global PII and PCI formats
- Scanning across structured & unstructured content
- Configurable rules to match organisational policies
- Real-time dashboards showing exposure hotspots
- Continuous monitoring to prevent new risks from emerging

Why This Matters?

Manual discovery is slow and incomplete. Automated ongoing discovery ensures nothing is missed, giving organisations a complete and accurate picture of their sensitive data landscape.

Fix It
Automated Redaction & Remediation

Once sensitive data is identified, the next challenge is addressing it quickly and consistently.

Key Capabilities:

- Automated redaction of PII and PCI in documents and images
- Bulk remediation to handle large volumes
- Policy-driven workflows ensuring consistent handling
- Redaction, deletion or moving to secure locaction based on your organisation rules
- Seamless integration with many existing document management or content systems.

Why This Matters?

Manual redaction is error-prone and time-consuming. Automation reduces workload, eliminates inconsistency, and ensures compliance actions are applied correctly every time.

Prove It
Compliance You Can Demonstrate

Regulators and auditors expect evidence, not assumptions. Organisations must be able to show the process such as what was found, what was fixed, and how risks were reduced.

Key Capabilities:

- Detailed audit logs for every discovery and remediation action
- Compliance-ready reporting for PCI DSS, GDPR, CCPA, and internal governance
- Trend analysis showing risk reduction over time
- Executive dashboards for visibility and accountability.

Why This Matters?

Compliance is no longer just about doing the right thing, it's about proving it. Automated reporting provides the transparency and documentation auditors require.

All-In-One Solution

Many solutions address parts of the problem some find sensitive data, some fix it, some provide reports. Very few deliver the complete lifecycle in one integrated platform.

This framework transforms how organisations manage sensitive information:

1 **Find It**
Gain visibility into hidden risks

2 **Fix It**
Remediate issues quickly and consistently

3 **Prove It**
Demonstrate compliance with confidence

It's a complete lifecycle approach that reduces risk, improves efficiency, and strengthens governance.

Business Impact

Organisations adopting automated PII/PCI discovery and redaction see measurable benefits.

Up to 80% reduction in manual redaction workload

Faster audit preparation with ready-made reporting

Lower compliance risk through consistent remediation

Improved data hygiene across repositories

Greater confidence in handling sensitive information

Conclusion

Sensitive data protection is no longer optional, it's essential. As information volumes grow and regulations tighten, organisations need smarter, automated tools that simplify the work, reduce risk, and deliver clear evidence of compliance.

The Find it, Fix it, Prove it framework provides a practical, scalable approach to managing PII and PCI across the entire information lifecycle.

About EzeScan & Next Steps

EzeScan delivers advanced document capture, discovery, and redaction solutions. We can provide a live demonstration tailored to your environment and follow up with a formal proposal outlining scope, timelines, and pricing.

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