GC | CYBERSECURITY

Case Study: Financial Services

How a Fortune 100 Financial Services Company Achieved Zero Data Exposure

at 40,000 Transactions/Second — With Zero Human Intervention.

40K/s	<50ms	<3%	75
TRANSACTIONS MONITORED	AUTONOMOUS BLOCK TIME	FALSE POSITIVE RATE	REPOSITORIES PROTECTED

THE CHALLENGE

An Invisible Architectural Trap

THE OPERATIONAL REALITY

Processing voice-activated payments, hotel reservations, and financial transactions for Fortune 100 clients — the company was operating DLP through human review cycles against a threat moving at machine speed.

> *"Our legacy DLP alerted us hours after the window had closed. By the time an analyst touched the queue, the exposure decision had already been made — by inaction."*
>
> **— VP Information Security**

KEY FAILURE POINTS

- Human review cycles operating at human speed vs. machine-speed threats
- Alerts arriving hours after the data exposure window had already closed
- DLP protecting sampled transactions — not 100% coverage
- False positives eroded analyst trust and slowed response
- Daily manual overhead: tagging, config updates, alert review

THE TRANSFORMATION

Hands-Off. Zero-Ticket. Real-Time.

GC Cybersecurity's ISE replaced the human review loop entirely. The platform identifies, classifies, decides, and blocks — without a ticket being opened, without an analyst being paged.

45 min

FULLY OPERATIONAL

Time from start to live deployment

2 hrs

ONTOLOGY CONFIGURATION

One-time setup — never repeated

MINIMAL

ONGOING HUMAN EFFORT

System is entirely self-managing

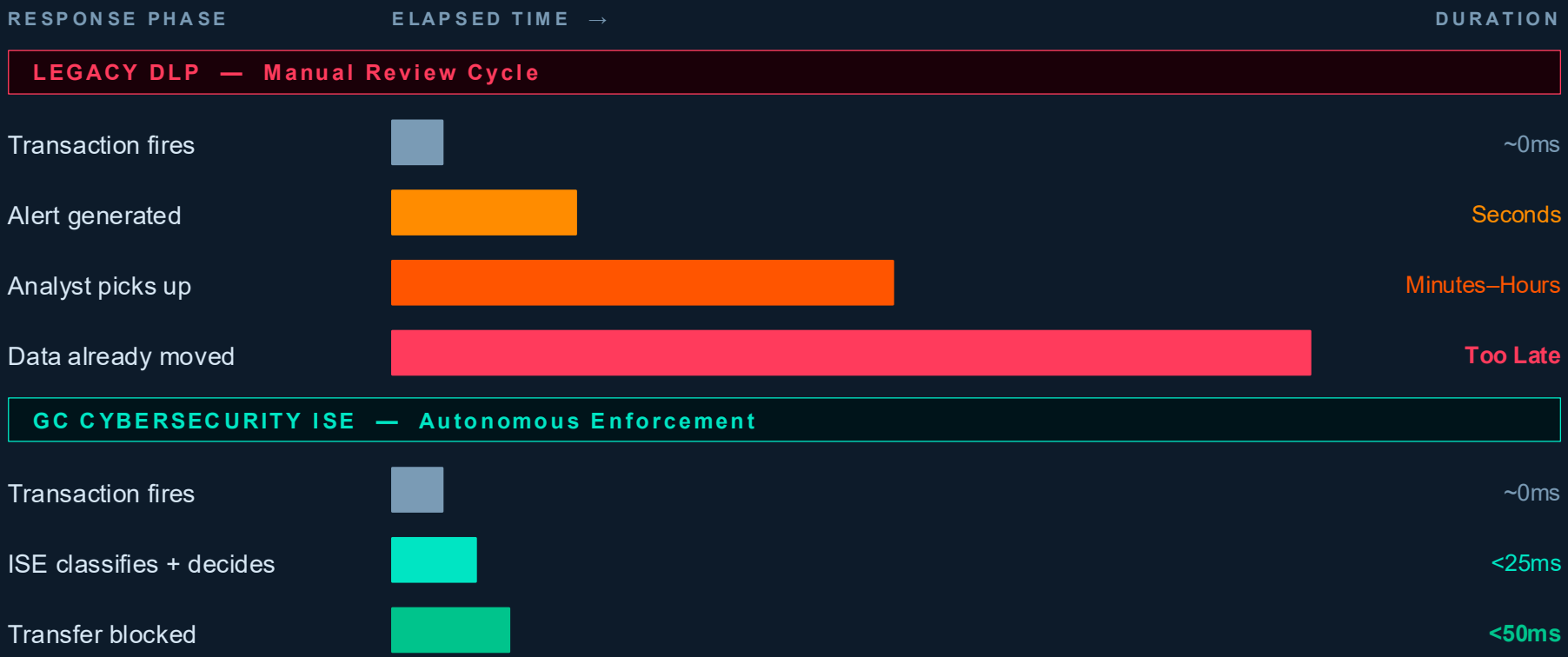
WHAT ISE DOES THAT LEGACY DLP CANNOT

Identifies:	PCI/PII patterns across ALL data — structured and unstructured
Classifies:	Topical & Security classification with zero manual tagging
Decides:	Auto Policy Synthesis: transfer context vs. authorization scope
Blocks:	Transfer halted inside the transaction window — no human loop
Records:	Full forensic audit trail + workflow to authorized parties

THE VISUAL GAP

Legacy Response Time vs. Autonomous Action

This gap is where data is lost.



HOW THE PLATFORM ACTED

No Ticket Opened. No Analyst Paged.

01

IDENTIFY

PCI/PII data patterns automatically identified in real-time across structured and unstructured data sets

02

CLASSIFY

Automatic classification in real-time — Topical Classification & Security Classification applied instantly

03

DECIDE

Auto Policy Synthesis performed: transfer context vs. authorization scope checked automatically

04

BLOCK

Transfer halted within the transaction window. No human required. No ticket. No delay.

05

RECORD

Full forensic audit trail generated. Workflow triggered to authorized parties for review.

THE PROOF

Hard Metrics. No Fluff.

Numbers a CISO takes to the board.

< 5 min

MEAN TIME TO RECOVERY

vs. hours-to-days with legacy DLP

100%

AUDIT-READY COMPLIANCE STATUS

PCI, PII — real-time GRC enforcement

MINIMAL

ONGOING LABOR COST

Manual tagging eliminated post-deployment

METRIC	BEFORE (LEGACY)	AFTER — GC ISE
Deployment time	Weeks to months	**45 minutes — fully operational**
Data classification	Manual tagging, perpetual overhead	**Automated — one-time Ontology setup**
Protocol coverage	Partial — 3rd-party decoders needed	**Universal: FTP, FTPS, SMTP, HTTP/S, MAPI…**
Transaction throughput	Sampling-based, volume ceiling	**40,000 tx/sec — 100% coverage**
False positive rate	High — analyst trust eroded	**Less than 2%**
Human intervention (ongoing)	Daily – tagging, config, alert review	**None – system is self-managing post-setup**
Audit readiness	Manual documentation process	**Real-time GRC enforcement + forensic trail**

The gap between those two timeline bars is not a metric.

It is the operational window your adversary owns.

GC Cybersecurity's ISE closes it.

"When your DLP alerts, does it block — or notify?
The difference between those two verbs is the difference between your policy and your protection."

READY TO CLOSE THE GAP?
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