

LogZilla for Retail

PCI Compliance, POS Security, and Multi-Site Visibility

PCI-DSS

Compliance Ready

Multi-Site

Consolidation

Real-time

POS Monitoring

AI

Copilot Included

The Retail Challenge

Multi-Site Security Complexity:

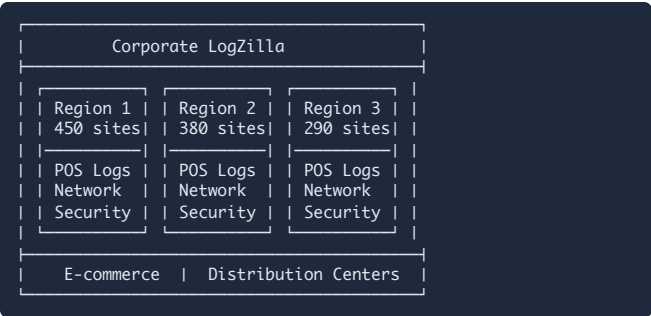
- **PCI compliance:** Every store, every transaction
- **Distributed locations:** Hundreds or thousands of sites
- **POS vulnerabilities:** Card skimmers, malware
- **E-commerce threats:** Account takeover, fraud
- **Limited IT staff:** Central team, remote stores

The AI Advantage

Retail-Aware Intelligence:

- **POS anomaly detection:** Skimmer and malware alerts
- **Multi-site visibility:** All stores, one dashboard
- **PCI automation:** Audit evidence in minutes
- **Loss prevention:** Transaction pattern analysis
- **E-commerce protection:** Bot and fraud detection

Multi-Site Architecture



Store-Level Collection: Lightweight collectors at each location forward logs to central LogZilla. No local storage or management required.

AI-Powered POS Security

Security Analyst prompt: "Show all POS security anomalies across all stores in the last 24 hours."

POS SECURITY ANALYSIS
Period: Last 24 Hours | Stores: 1,120 | POS: 4,480

FLEET STATUS: 99.7% HEALTHY

⚠️ ALERTS REQUIRING ATTENTION: 3

1. **POTENTIAL SKIMMER DETECTED**
Store: #0847 (Phoenix, AZ)
Terminal: POS-03
Indicator: USB device connected after hours
Time: 02:14 AM (store closed)
Status: INVESTIGATING - Store manager notified
2. **POS MALWARE SIGNATURE**
Store: #1203 (Dallas, TX)
Terminal: POS-01
Detection: Memory scraper pattern
Transactions at risk: 0 (blocked)
Status: ISOLATED - Remediation in progress
3. **NETWORK ANOMALY**
Store: #0456 (Seattle, WA)
Device: Store router
Activity: Unusual outbound traffic
Destination: Eastern Europe
Status: BLOCKED - Under investigation

TRANSACTIONS PROTECTED: 2.4M
CARD DATA SECURED: 100%

AI Use Cases for Retail

Use Case	Traditional	With AI
POS anomaly detection	Manual review	Real-time
PCI audit evidence	2-4 weeks	Minutes
Multi-store investigation	Days	Minutes
Loss prevention analysis	Weekly reports	Continuous
E-commerce fraud	After the fact	Real-time

PCI-DSS Requirement 10

- **10.1:** Audit trails for all access
- **10.2:** Automated logging
- **10.5:** Secure, immutable logs
- **10.6:** Daily log review (AI-assisted)
- **10.7:** 1-year retention

E-commerce Protection

E-commerce Security prompt: "Analyze online store security events for account takeover and bot activity."

E-COMMERCE SECURITY ANALYSIS
Period: Last 24 Hours | Sessions: 2.4M | Orders: 47,234

THREAT SUMMARY:

ACCOUNT TAKEOVER ATTEMPTS: 847
Credential Stuffing: 623 (blocked)
Password Spraying: 187 (blocked)
Session Hijacking: 37 (blocked)
Successful Takeovers: 0

BOT ACTIVITY DETECTED:
Inventory Scrapers: 12,341 requests (blocked)
Price Scrapers: 8,472 requests (blocked)
Checkout Bots: 234 attempts (blocked)
Legitimate Bots: 45,234 (allowed - Google, etc.)

FRAUD INDICATORS:
High-Risk Orders: 23 (held for review)
Velocity Violations: 12 (blocked)
Address Mismatches: 47 (flagged)

CONVERSION PROTECTION:
False Positive Rate: 0.02%
Legitimate Orders Blocked: 0

Loss Prevention Integration

LOSS PREVENTION ANALYSIS
Period: Last 7 Days | Stores: 1,120

TRANSACTION ANOMALIES:

High Void Rate:
Store #0234: 12.4% (avg 2.1%)
Employee: cashier_47
Pattern: High-value items
Status: LP investigation opened

Refund Pattern:
Store #0891: 340% increase
Time: After-hours
Employee: asst_mgr_12
Status: Flagged for review

Sweet-Heart Deals:
Store #0567: Discount abuse
Pattern: Same customer, same cashier
Savings: \$2,340 in 7 days
Status: LP notified

Systems Supported

System	Integration
POS Systems	NCR, Verifone, Square
E-commerce	Shopify, Magento, SAP
Payment Gateways	Stripe, Adyen, FIS
LP Systems	Syslog/API

Deployment Options

Cloud (Recommended)

- No store infrastructure
- Instant scaling
- PCI-compliant hosting
- Customer-managed

Hybrid

- Store collectors
- Central cloud analytics
- Low bandwidth
- Flexible retention

On-Premises

- Corporate data center
- Full data control
- Regional hubs
- Custom retention

Why Retailers Choose LogZilla

Metric	Improvement
PCI audit prep	90% faster
POS threat detection	Real-time
Multi-site visibility	Unified
SIEM costs	70-90% savings

Retail-Specific Benefits:

- PCI compliance: Audit-ready always
- Card protection: Real-time POS security
- Scale: Thousands of stores, one platform
- Loss prevention: AI-powered insights

Protect customers, secure transactions, simplify compliance.

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