

# Stop Shrinkage, Secure Profits: AI-Powered Integrity for Every Transaction

## NEC OmniGuard

Safeguarding profitability by eliminating revenue leakage while cultivating a secure, high-quality environment for an unmatched customer journey.

### Solution Overview :

A premier fraud-prevention innovation that seamlessly integrates high performance NEC POS with Vision AI Solution. By leveraging NEC's robust, scalable, and secure transaction platform alongside ability to identify 30+ real-time loss patterns, the solution stops shrinkage instantly. It's not only mitigate retail shrink and improves store operations but also delivers substantial financial gains, achieving breakeven timeline in as short as 6 months with a Return on Investment of over 300%.



### Key Solution Benefits :

- **Real-Time Loss Detection:** Leverages Computer Vision AI to recognize 30+ loss patterns instantly, preventing both intentional fraud and accidental cashier errors at the checkout.
- **Substantial Financial Gains:** Delivers an impressive Return on Investment (ROI), turning previously unrecoverable losses back into net profit.
- **Rapid Breakeven Timeline:** Achieves full system payback in as short as 6 months, offering one of the fastest financial recoveries in retail technology.
- **Operational Excellence:** Improves store efficiency by automating the audit process and providing actionable insights, reducing the need for manual video reviews.

### Use case or Case study

- Self-checkout use cases: Intentional and unintentional scan errors, missed scanning of items in baskets/carts, notifications of abandoned transactions, label replacement, etc.
- Staff lanes: Pattern detection to prevent employee scans, and detection of scan errors.