Solving Retail Inventory Inaccuracy

Connection
we solve IT

The $1.73 Trillion Problem:
Inventory Inaccuracy Is Costing Retailers Profit, Trust, and Performance

Out-of-stocks, overstocks, and on-shelf execution errors drain $1.73 trillion from retail every year.[1] It's not just shrink—it's a visibility crisis that strains relationships across the entire value chain. Solving inventory accuracy requires more than robotics. It takes the right infrastructure, connected devices, and edge intelligence all working together.

INVENTORY ERRORS ARE MORE COSTLY THAN THEFT—AND MORE PREVENTABLE

67% of retailers face brand relationship issues due to inaccurate shelf data.[2]	**$1.73T** Retailers lose $1.73T annually to distortion.[1]	**<25%** Less than 25% reach >80% accuracy.[2]	**3x** Internal process errors = 3× the losses of shoplifting.[1]

CONNECTION HELPS RETAILERS FIX THE ROOT CAUSE: **VISIBILITY**

- **Improve inventory accuracy** with connected sensors, robotics, and mobile devices.
- **Use edge computing and network optimization** to deliver real-time shelf data.
- **Reduce human error** through automation and device consolidation.

AUTOMATION IS THE #1 RETAIL STRATEGY FOR IMPROVING ACCURACY

- Robotics rank above RFID, fixed cameras, and mobile capture.[2]
- 72% are ready to deploy robots.[2]
- 2 out of 3 prefer a managed model.[2]

- AI and edge infrastructure for real-time shelf insights
- RFID and mobility ecosystem
- Cloud and data optimization architecture to power store intelligence

Connection Solves the Four Most Common Failure Points in Retail Accuracy

SHELF VISIBILITY FAILURES
Why It Happens: Manual checks, inconsistent execution
The Connection Solution: AI chat, mobile scanning, and edge processing

INVENTORY PROCESS GAPS
Why It Happens: Paper processes, siloed data
The Connection Solution: RFID, real-time inventory systems, and device modernization

NETWORK BOTTLENECKS
Why It Happens: Stores not built for IoT-scale workloads
The Connection Solution: Network modernization, SD-WAN, and Wi-Fi 6/6E

DATA FRAGMENTATION
Why It Happens: Legacy systems and disconnected logs
The Connection Solution: Data optimization, analytics integration, and cloud architectures

We Deliver Accuracy, Efficiency, and Trust

Employee Devices Mobile scanners, handhelds, tablets	**Inventory Visibility** RFID, robotics, cameras	**Loss Prevention Intelligence** AI analytics, access control
Network Foundation SD-WAN, Wi-Fi 6E, switching	**Edge and Cloud** Real-time processing and central visibility	**Lifecycle Services** Deployment, staging, management, support

Eliminate Errors. Increase Accuracy. Rebuild Retail Trust.

Connection helps retailers reduce operational losses and improve shelf accuracy with a complete ecosystem of technology, integration, and managed services.

Explore our Solutions and Services

Explore Retail Efficiency Solutions

Schedule a Retail Assessment

Contact an Expert
1.800.998.0067

Connection
we solve IT