SHEKEL

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Sentinel

Doing Magic With **GRAVITY**

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6TH DECADE OF RELENTLESS INNOVATION

Leveraging a powerful fusion of five decades of second-to-none weighing expertise with cutting-edge AI-powered algorithms to drive the digital transformation of traditional retail, healthcare & industrial venue's daily tasks & challenges

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Competitive Advantage Statement

Expertise

Over 50 years of experience in advanced weighing technology & systems for retail, medical, and industrial sectors

Innovation

We continuously evolve our technology, combining advanced AI & ML to offer reliable E2E product recognition

Alliances

Our component-based business model integrates smoothly with blue-chip clients across checkout verticals (POS, smart carts, coolers, autonomous)

Scalability & Simplicity

We deliver scalable solutions that integrate seamlessly into product infrastructure, improving retail efficiency while remaining cost-effective and reliable

TECHNOLOGY LEADERSHIP WITH AI SCALES.
DRIVING GROWTH THOROUH STRATEGIC PARTNERSHIPS

SHEKEL RETAIL ACTIVITY AT A GLANCE

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Market Solution

WEIGHT **RECOGNITION** **DATA**

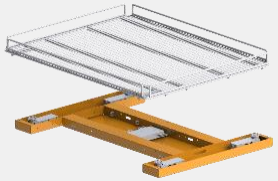
Est. 1971

1990's: 25+ YEARS OF MARKET DOMINATION → **2018:** WEIGHT + AI = AUTOMATED SKU RECOGNITION → **2023:** REAL-TIME SHELF INSIGHTS

Shekel Product

Scale-up POS

Scale-up Scanner


Scale-up cooler

Scale-up bay

Scale-up cart

Shekel Cloud

Key Customers

TOSHIBA
FUJITSU
DATALOGIC
ZEBRA TECHNOLOGIES
Imbera
minusforty
Atos
GK
CUST2MATE
wanzl
UST
HITACHI

GRANTED PATENTS: 11 (USA, EUROPE, AUSTRALIA, ISRAEL, CHINA)

PENDING PATENTS: 21 (USA, CANADA, EUROPE, AUSTRALIA, ISRAEL, JAPAN, CHINA, WORLD)

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Strategic Partnerships

Retail

Customers

TOSHIBA, COMAX CLOUD. SMART E.R.P, StrongPoint, ZEBRA TECHNOLOGIES, SHUFERSAL, ITAB, Diebold Nixdorf, one, FUJITSU

Medical

GE, ATOM, מכבי שירותי בריאות, משרד הבריאות, לאומית, מאוחדת, כללית 100 שנה

Industry

NETAFIM GROW MORE WITH LESS, תרו, RAICOL CRYSTALS, RAFAEL, Strauss, KETER, TOSAF, Nestlé, TNUVA, TAMBOUR

Coolers

Customers

Imbera, e-thik Connecting digital & smart machines, Scobie McIntosh, minusforty, PlanogramIS INTELLIGENT STATIONS, SOEHNLE PROFESSIONAL, אוטומטים, NAYAXvend, TRUGGE

Carts

CUST2MATE

Bay

UST, Atos, VISIONVAL, HITACHI

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Sentinel

Transforms almost any retail shelving into a secure self-shopping solution.

Control shrinkage, protect scan-and-go zones, and minimize out-of-shelf losses without replacing existing shelves. This brings positive ROI to Autonomous stores.

A non-intrusive, robust security layer that finally makes self-shopping stores profitable.

"Revolutionize Retail: Secure, Streamline, and Profit with Shekel's Smart Shelf Solution!"

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Sentinel: Makes Standard Shelves Smart - Easily

Shekel's Sentinel is a cutting-edge retail security add-on designed for existing grocery shelf arrays.

Using WeightAI technology, Sentinel translates on-shelf events into SKU validation or recognition based on specific use-case needs.

Sentinel helps reduce shrinkage, maintain on-shelf availability, and foster a secure, customer-friendly shopping environment for shoppers and retailers.

Enhanced Theft Prevention: Real-time weight tracking minimizes shrinkage and flags suspicious activity.

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Sentinel: Highlights

- **Enabling Accurate Inventory:** Live data optimizes stock management and restocking efficiency.
- **Scalable Design:** Fits seamlessly into both small and large retail spaces.
- **Cost-Saving Innovative Technology:** The most cost-effective way to monitor a store's shelf events
- **High Capacity & Precision:** Handles up to 400 kg with 20g SKU accuracy.
- **Rapid Detection:** Detects shelf events in under 0.5 seconds.

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Target Customers and Their Needs

Retailers

- Grocery stores
- Convenience stores
- Specialty retail outlets
- Autonomous stores

Key Needs

- **Autonomous Transition:** Tools to retrofit existing retail spaces into autonomous shopping environments without major infrastructure changes.
- **Shrinkage Control:** Effective measures to reduce product loss due to theft or mishandling.
- **Seamless Integration:** Solutions that integrate easily with existing store systems and layouts.
- **Operational Efficiency:** Systems requiring minimal maintenance and no specialized training.

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Target Customers and Their Needs

End Consumers

- Time-sensitive shoppers
- Tech-savvy individuals
- Early adopters of autonomous retail

Key Needs

- **Convenience:** A self-shopping experience that is fast, secure, and user-friendly.
- **Transparency:** Clear and accurate product validation during the shopping proces
- **Trust:** A reliable system that ensures transactions are secure and efficient.

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Unique Value Propositions

Retailers

- **Positive ROI:** Sentinel significantly enhances profitability in autonomous stores by reducing shrinkage and operational inefficiencies.
- **Easy Retrofitting:** Transform traditional gondolas and shelves into smart, secure self-shopping zones without replacing existing infrastructure.
- **Real-Time Event Recognition:** Advanced AI systems detect and respond to shopping activities in real-time, enhancing security and usability.
- **Minimal Maintenance:** A robust, zero-maintenance solution ensures long-term reliability and reduces operational overhead.
- **Secure Product Validation:** Assisted recognition technology accurately validates items selected by customers.

End Consumers

- **Secured Shopping Environment:** Ensures a safe and trustworthy self-shopping experience.
- **Zero Learning Curve:** Intuitive design eliminates the need for specialized knowledge or training.
- **Enhanced Convenience:** A streamlined shopping process with minimal disruptions.

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Sentinel - Summary

Shekel’s Sentinel is more than just a security solution; it’s a game-changer for autonomous retail.

By effectively retrofitting existing setups, providing real-time event recognition, and ensuring a secure and seamless shopping experience, Sentinel enables retailers to embrace the future of retail with confidence and profitability.

Positive ROI through shrinkage reduction and efficient operations.

Easy retrofitting and zero-maintenance design for seamless adoption.

Real-time recognition and assisted validation for secured shopping.

Market Impact: Up to 40% shrinkage reduction and rapid ROI within 12 months.

"Shekel’s Sentinel: Securing the Future of Autonomous Retail!"

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Thank You

Contact Us: +972-4-6629118 | www.shekel.ai

"Trust Shekel to drive your retail transformation with cutting-edge weighing technology."

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