

TRAKON

TRAKON RFID Asset & Inventory Management Solution

TRAKON™ connects RFID tags, readers, and management software to help teams track assets, count inventory, and monitor unauthorized asset exits.

>> Why TRAKON™

Missing assets, outdated records, and slow manual checks make asset management difficult. TRAKON™ turns RFID reads into useful records, giving teams clearer visibility into asset status, usage, and last detected locations.

Fast RFID Identification

Read multiple tagged items without direct line-of-sight, reducing repetitive scanning during daily operations.

Clearer Asset Accountability

Help you keep track of who is using each asset, follow up on returns, and trace usage history.

Modules Matched to Scenarios

The right module helps you improve asset visibility, streamline inventory counts, or reduce losses from unauthorized item removal.

>> How to Get Started

1. Consultation & Solution Design

Tell us what you need to manage. We assess your workflow and recommend the right TRAKON™ modules, RFID tags, and readers for your business.

2. Tag Preparation & System Setup

We prepare the RFID tags, configure the readers and software, and help you register your assets, saving you time and simplifying the setup process.

3. Easy Everyday Operation

We help your team get familiar with the system, so they can use simple RFID scans to track assets, count inventory, or monitor exits with the selected modules.

4. Clear Records & Ongoing Support

View asset status, counting results, or exit alerts in TRAKON™. We provide ongoing support to help your team keep daily operations running smoothly.

>> TRAKON™ Module Options

Choose the module that matches your daily operations.

Asset Basic

Manage who has each asset, monitor outstanding loans, and track calibration deadlines and certificates.

Count Basic

Compare RFID scans with expected records. Use a compatible handheld reader for signal-guided searches and offline counting with later sync.

Guard Basic

Detect protected assets at configured checkpoints. Unauthorized exits trigger alerts, with local buzzer and relay actions supported by compatible hardware.

Combine the three modules to gain end-to-end visibility across assets, warehouses, and retail stores.
Custom software development is also available to meet your specific business needs.

Asset Basic

Asset & tool tracking



Item-level tracking
and management of assets

- Asset Registry
- Self-Service Borrow and Return
- Overdue Monitoring
- Calibration Records

Count Basic

Inventory counting

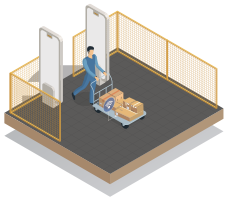


Bulk item tracking, stock counting,
and inventory management

- Bulk Counting
- Item Search
- CSV Reports
- Unexpected-Tag Detection
- Expected, Found and Missing Comparison

Guard Basic

Exit protection & anti-theft



Retail loss prevention and RFID exit
monitoring for unauthorized item removal

- Checkpoint Management
- Time-Limited Exit Approvals
- Live Alerts
- Alert History
- Audit Trails

One-Time Hardware Purchase, Lifetime Software Access

Every reader purchase includes a free lifetime software license. The basic plan supports up to 200 assets and 3 users, with the option to upgrade anytime as your needs grow.

>> RFID Tags & Reader Options

Select tags and readers according to asset materials, installation surfaces, and operating workflows.

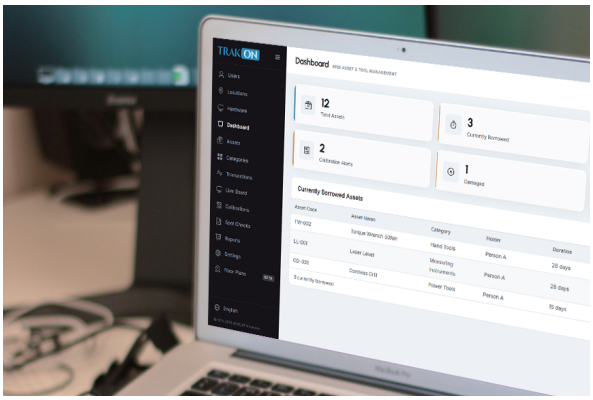
Recommended RFID Tags & Readers

Products	Recommended SKU	Material / Configuration	Chip	Read Range (Max.)	Recommended Applications
RFID Tags					
Dogbone™ RFID Labels	AD-Dogbone-M830	Clear PET	Impinj® M830	19 m	Strong signal penetration for tracking non-metallic inventory assets
RFID On-Metal Tags	RS-R6P-OMPET-6025	PET	Impinj® Monza® R6-P	8 m	Metal tools, equipment, and IT assets
ARC-Certified RFID Labels	RS-HR7K-CP-1773	Coated Paper	Impinj® M730	20 m	Retail products
Industrial RFID Tags	RS-H4-OMHTM-4215	Heat Resistant Material	Alien Higgs® 4	7 m	Industrial and outdoor assets
RFID Readers					
Desktop RFID Reader	AZD-R1	Desktop UHF USB Type-C, Bluetooth Low Energy 4.0	Impinj® E310 / E510	0.5 m	Tag registration, encoding, and workstation operations
UHF Ceiling-Mounted RFID Reader	RS-T1C	Ethernet RJ45, Wi-Fi Optional	Impinj® R2000	20 m	Exit monitoring and asset protection
Handheld RFID Reader	AZH-P1	USB Type-C, Bluetooth 5.0, WLAN, WWAN	Impinj® E710	30 m	Mobile counting, audits, and item searches

>> TRAKON™ Platform

An RFID software platform with modules for tracking, counting, and protection.

- Asset Records & RFID Tag Binding
- Module-Specific Dashboards & Activity Records
- Role-Based Access
- Workflow Customization Services



>> Make Every Asset Easier to Manage

From daily asset management to inventory checks and exit monitoring, TRAKON™ helps teams turn RFID data into clearer operational records.

Get a quote for the right TRAKON™ module combination for your operation.

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