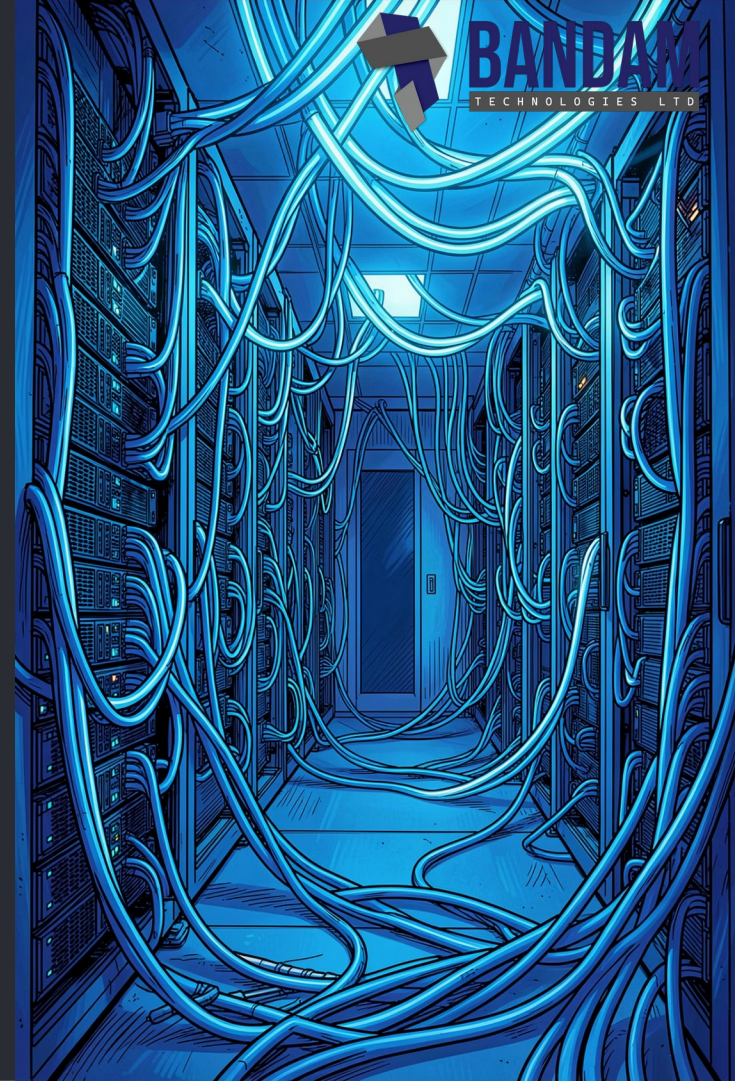


Asset Management System

RFID-Powered Web & Android Handheld Solution

BANDAM TECHNOLOGIES · MAY 2026



The Challenge



Assets Go Missing

No real-time visibility across distributed sites.



Manual Spreadsheets

Records are outdated the moment they're saved.



Field Audits Take Days

Technicians waste time locating equipment instead of working.



No Accountability

Unknown who last had or moved an asset.



Compliance Risk

Audits are stressful, inaccurate, and resource-draining.

One Integrated Platform — Web + Android + RFID

Three components working in sync — from the field to the boardroom.



Web Portal

- Centralized real-time dashboard
- Reports, analytics & user management
- Full asset registry with history



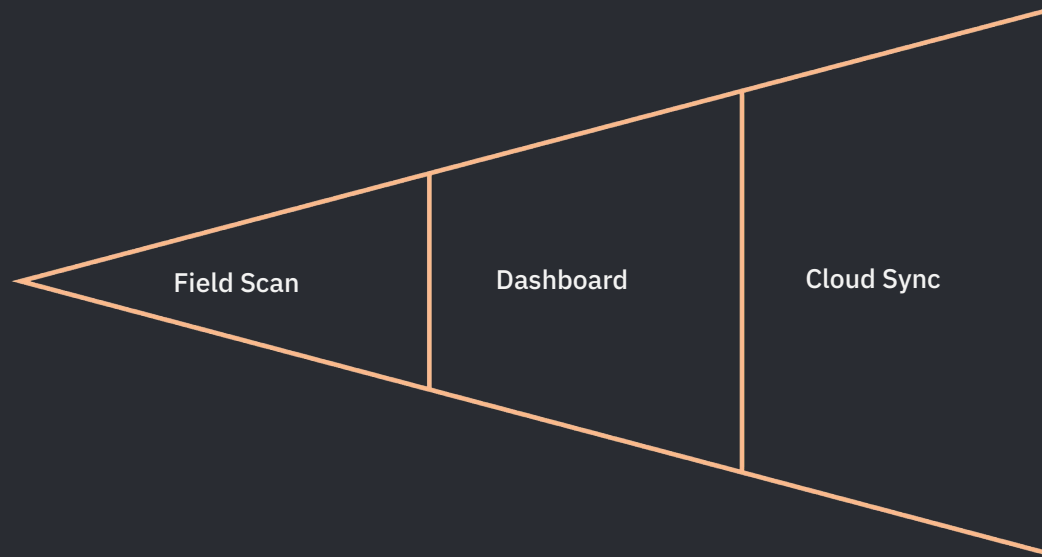
Android Handheld App

- RFID & barcode scanning in the field
- Offline mode with GPS tagging
- Instant sync when connected



RFID Technology

- Tags on every asset at procurement
- Instant bulk identification
- Tamper detection & alerts



Data flows seamlessly from field scans through cloud sync to the web dashboard — ensuring real-time accuracy at every stage.

From Tag to Dashboard in Seconds

01

RFID Tag Attached

Tag registered at procurement with asset details.

02

Field Scan

Technician scans with Android handheld.

03

Tag Read

App displays asset name, location, and status.

04

Cloud Sync

Data syncs live or via offline batch.

05

Dashboard Update

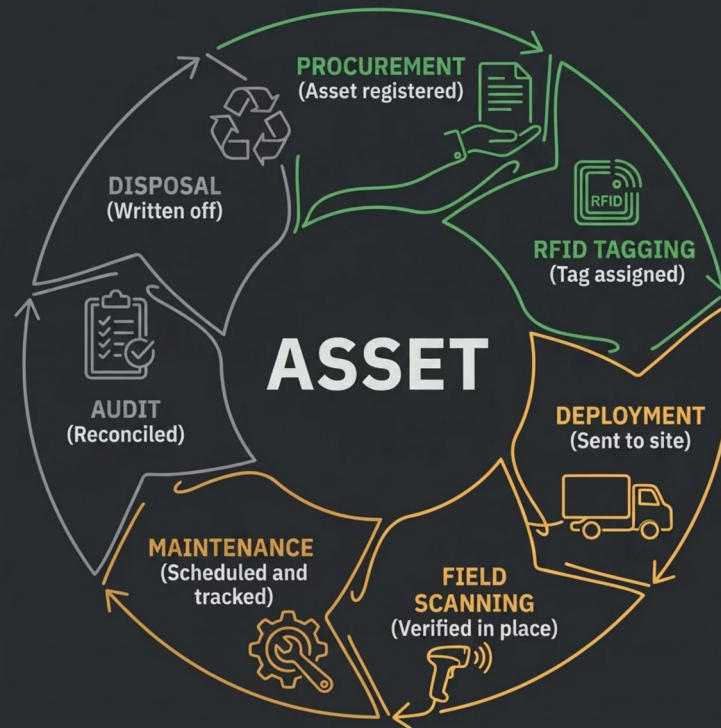
Alerts triggered if anomalies found.

Complete traceability from procurement to disposal — every scan logged with user, timestamp, and GPS location.

Every Asset Tracked — Day One to Disposal

Every asset is tracked through seven stages — from procurement to disposal. At each stage, the system captures **who acted, when, where, and what changed**, creating a complete auditable history.

- Procurement → RFID Tagging & Registration
- Deployment to Site → Field Scanning & Verification
- Scheduled Maintenance → Audit & Reconciliation
- Disposal / Write-off



Built for the Field — Android Handheld App



Core Capabilities

- Single & bulk RFID scan — seconds per asset
- Barcode scan fallback for legacy assets
- View & update asset details on the spot
- Capture photos with auto-tagged GPS location
- Works fully offline — syncs when back online
- Instant discrepancy alerts during scan

Web Portal — Full Visibility from HQ



What HQ Sees in Real Time

- Real-time dashboard — totals, locations, alerts
- Complete asset registry with full history
- Assign assets to staff, sites, departments
- Depreciation tracking & financial reporting
- Maintenance scheduling & reminders
- Audit module — expected vs. scanned reconciliation
- Export reports to PDF & Excel instantly

Right Access for Every Team Member

Role-Based Access

Admin	Full system — configure, manage, all reports
Finance Officer	Depreciation, costs, write-offs
Field Technician	Scan, update status, assigned assets only
Site Manager	View and manage assets at their location
Auditor	Read-only — full audit trail and reports

Security Built In

- All data encrypted in transit and at rest
- Every action logged — user, time, location
- RFID tamper alerts if tag removed or damaged

Benefit of Asset Manager

Measurable improvements across every operational dimension.

Metric	Before	After
Asset Visibility	Partial, delayed	100% real-time
Full Audit Duration	2–3 days	Under 1 hour
Asset Loss Rate	High	Near zero
Report Generation	Manual, slow	Instant, automated
Field Team Productivity	Low	High — no paperwork
Compliance Readiness	Stressful	Always audit-ready



Your Assets, Fully Under Control

From every site to HQ — complete visibility, zero guesswork.

1

Live Demo

Web portal + Android handheld in action

2

Pilot Proposal

One site or department

3

Technical Assessment

Integration review with IT Infrastructure

4

Commercial Proposal

Delivered within 48 hours

