



AMBULANCE & HEALTHCARE SERVICES

The Operational Standard for Clinical Readiness, Equipment Assurance and Asset Intelligence

Patient Safety

Equipment Assurance

Clinical Readiness

Operational Intelligence

Supporting Ambulance and Healthcare Services to improve patient safety, clinical readiness, equipment assurance and operational intelligence through RFID, QR and AI-powered asset management.

WHO WE ARE

Built by emergency response professionals

At iTrackMED, we understand that every item of clinical and operational equipment represents far more than an asset. It represents:

- Patient safety
- Clinical capability
- Public confidence
- Organisational accountability
- Regulatory compliance
- Workforce wellbeing

Powered by iTrackPPE, iTrackMED was created to address the real-world challenges faced by Ambulance and Healthcare Services responsible for managing thousands of safety-critical assets across vehicles, stations, departments and specialist clinical functions.

iTrackMED combines RFID technology, QR codes, Artificial Intelligence and clinical governance workflows to provide complete visibility of equipment and consumables throughout their entire lifecycle — from defibrillators and diagnostic devices to controlled drugs and station inventories.

Why We Exist

Ambulance and Healthcare Services face increasing pressure to:

- ✓ Improve clinical governance and accountability
- ✓ Demonstrate regulatory compliance
- ✓ Reduce costs
- ✓ Improve patient and clinician safety
- ✓ Increase operational readiness
- ✓ Better manage equipment and consumable risks
- ✓ Make more informed operational decisions

We believe critical clinical equipment should never be difficult to locate, inspect, maintain, distribute or replace.

OUR MISSION

To ensure **the right equipment is in the right place, in the right condition, at the right time — every time.**



MAKE READY OPTIMISATION

Helping ambulances return to service faster

Every minute an ambulance remains unavailable after a patient handover is a minute it cannot respond to the next emergency. Following patient transfer, vehicles must be cleaned, checked, restocked and prepared for operational deployment. These processes are essential but can be time-consuming, resource intensive and difficult to monitor consistently. iTrackMED provides complete visibility of the assets, equipment and consumables required to return vehicles to operational readiness quickly and safely.

Supporting More Efficient Make Ready Processes

- ✓ Verify vehicle equipment inventories
- ✓ Track consumable replenishment
- ✓ Manage equipment movement
- ✓ Improve accountability
- ✓ Confirm critical equipment availability
- ✓ Monitor readiness status
- ✓ Reduce equipment search times
- ✓ Digitise make ready workflows



Improving Vehicle Availability

Through RFID, QR and AI-powered asset intelligence, organisations can reduce delays caused by:

- ✗ Missing equipment
- ✗ Equipment shortages
- ✗ Manual verification processes
- ✗ Incomplete inventory checks
- ✗ Unrecorded asset movements

Returning Ambulances To The Road Faster.

Safely. Consistently. Reliably.



MOVING BEYOND ASSET TRACKING

Clinical readiness and make ready intelligence

True clinical readiness brings together infection control, equipment readiness, vehicle preparation, asset availability and operational performance into a single intelligent view — relevant to NHS Trusts and private ambulance providers alike. The challenge is no longer simply tracking assets; it is understanding operational readiness.

Ambulance and Healthcare Services face increasing pressure to demonstrate:

- Compliance
- Governance
- Operational Assurance
- Cost Efficiency
- Clinician Wellbeing
- Readiness & Resilience

The Cost of Limited Visibility

Without accurate asset intelligence, organisations can experience:

- ✕ Equipment shortages
- ✕ Compliance gaps
- ✕ Unnecessary purchases
- ✕ Reduced accountability
- ✕ Device availability issues
- ✕ Excessive reserve stock holdings
- ✕ Missed calibration or servicing
- ✕ Delayed operational response

Operational Asset Intelligence

iTrackMED provides a single trusted source of information across:

**Defibrillators****Diagnostic Devices****Controlled Drugs****Consumables****Response Bags****Vehicle Equipment****Training Equipment****Fleet Supplies****Visibility Creates Readiness.**

RFID + QR + AI

Three technologies. One intelligent platform.

Traditional asset management systems typically focus on records. iTrackMED focuses on intelligence. By combining RFID, QR and AI we help organisations move from reactive management to proactive operational decision-making.



RFID Technology

- Bulk audits
- Rapid inventories
- Real-time visibility
- Consumable stock monitoring

BENEFIT

Know what assets exist — and where they are.



QR Code Technology

- Individual asset interaction
- Mobile inspections
- Flexible workflows
- Enhanced accessibility

BENEFIT

Interact with assets from any authorised device.



Artificial Intelligence

- Intelligent equipment distribution
- Compliance monitoring
- Procurement forecasting
- Make ready performance trends

BENEFIT

Turn data into better decisions.

AI-Powered Make Ready Intelligence

AI can analyse:

- Ambulance turnaround times
- Equipment usage patterns
- Consumable demand
- Cleaning performance
- Stock replenishment trends
- Vehicle readiness data

**ENTERPRISE-GRADE HARDWARE**

Zebra RFD90 Rugged RFID Reader

iTrackMED is built on the same proven industrial hardware as iTrackPPE. Rugged, sled-mounted RFID readers like the Zebra RFD90 pair with our platform for fast, reliable scanning of vehicle equipment and consumables — on station or on board.

EVERY ASSET HAS A STORY

From data to decisions

Every check. Every use. Every calibration. Every restock. Every incident. Every service. Every return. Every scan **creates operational intelligence.**

Active & Passive Data Collection

iTrackMED continuously gathers information through:

- Asset scans
- Equipment movements
- Device lifecycle events
- Calibration records
- Inspection activities
- Cleaning workflows
- Operational usage trends
- Compliance activities

AI-Powered Insights

Management teams gain visibility into:

- Asset utilisation
- Consumable demand
- Clinician exposure management
- Operational readiness
- Compliance performance
- Distribution effectiveness
- Procurement requirements
- Budget planning

Visual Dashboard Concept

412Ready For
Service**24**Awaiting Clean
& Restock**7**In Calibration
& Service**19**Awaiting
Inspection**5**End-of-Life
Review**Transform Data Into Decisions.**

DELIVERING MEASURABLE OUTCOMES

Benefits to Ambulance & Healthcare Services

**Improve Patient & Clinician Safety**

Ensure equipment remains compliant, available and operationally ready.

**Reduce Infection & Compliance Risk**

Support infection control and provide access to ready equipment.

**Strengthen Governance**

Create a complete audit trail for every safety-critical asset.

**Enhance Regulatory Compliance**

Evidence inspections, calibration and policy adherence.

**Reduce Costs**

Avoid unnecessary purchases and maximise asset utilisation.

**Improve Visibility**

Understand what equipment exists, where it is and its current status.

**Increase Operational Readiness**

Provide assurance that resources are available when required.

**Enable Smarter Resource Allocation**

Use AI-driven insights to improve planning and decision-making.

**Improve Make Ready Performance**

Reduce vehicle turnaround times and support faster return to readiness.

**Increase Ambulance Availability**

Improve visibility and reduce delays from shortages and replenishment.

**Better Resource Utilisation**

Maximise the value of existing equipment and consumable holdings.

Before iTrackMED

- × Manual processes
- × Limited visibility
- × Equipment uncertainty
- × Excess stock holdings
- × Reactive decision making
- × Inconsistent servicing records

After iTrackMED

- ✓ Real-time visibility
- ✓ Digital workflows
- ✓ Enhanced accountability
- ✓ Ready equipment availability
- ✓ Intelligent distribution
- ✓ Data-driven planning



BUILT FOR SAFETY-CRITICAL ENVIRONMENTS

More than an asset tracking system

iTrackMED is a clinical readiness, equipment assurance and governance platform designed to help Ambulance and Healthcare Services protect patients and clinicians, maximise asset value and improve organisational performance. Our unique combination of:

- Operational healthcare expertise

- RFID technology

- QR code flexibility

- AI-powered intelligence

- Clinical governance workflows

- End-to-end implementation support

creates a solution specifically designed for the challenges facing modern Ambulance and Healthcare Services.

CompleteCare Implementation

Our CompleteCare approach supports organisations throughout their journey from initial discovery through to full operational deployment. We provide:

- Consultancy

- Configuration

- RFID tagging

- Device deployment

- Training

- Data migration

- Ongoing support

- Continuous improvement

POWERED BY ITRACKPPE

iTrackMED shares the same proven RFID, QR and AI-powered asset intelligence engine that underpins iTrackPPE for Fire & Rescue Services — **adapted for the clinical and ambulance environment.**

INVEST TO SAVE

Not an additional cost — an investment in efficiency, readiness and better patient care

Healthcare organisations face increasing pressure to improve services whilst controlling expenditure. Many of the challenges faced within emergency care environments stem not from a lack of resources, but from limited visibility of the resources already available. iTrackMED helps organisations unlock greater value from existing equipment, consumables and operational processes.

By improving visibility, utilisation, accountability and readiness, organisations can typically realise significant efficiency savings through:

Reduced equipment loss

Improved asset utilisation

Reduced duplication of purchases

Lower administrative burden

Improved stock management

Reduced equipment search times

Better procurement planning

More effective make ready operations

Delivering Measurable Return on Investment

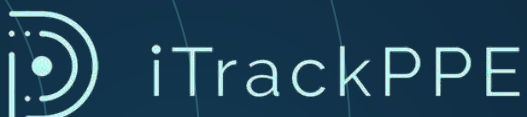
iTrackMED is designed as an investment that generates measurable operational and financial benefits. For many organisations, the efficiency savings achieved through improved asset visibility, equipment utilisation and operational readiness have the potential to offset the system investment within approximately three years.

Better Patient Care. Faster Make Ready. Greater Visibility. Stronger Governance. Enhanced Clinical Readiness. Smarter Decisions.

[Book a Demonstration](#)

[Speak to Our Team](#)

POWERED BY



iTrackPPE delivers the same RFID, QR and AI-powered asset intelligence approach for Fire & Rescue Services.

The Operational Standard for Clinical Readiness, Equipment Assurance, Make Ready Optimisation and Asset Intelligence.

RFID | QR Codes | Artificial Intelligence | Make Ready Intelligence | Clinical Readiness | Asset Assurance — iTrackMED