

WaveMed™ & vWaveMed



A two-app emergency medical identity system connecting patients, first responders, and NFC-enabled devices — anywhere, anytime, no internet required.

SCAN THE PATCH.

SAVE A LIFE.



The RadPatch. Tiny. Waterproof. Life-saving.

A medical-grade NFC patch the size of a fingernail. No internet. No battery. Readable by any modern phone.

 **PROVISIONED ONLY**



INTELLIGENT IRON-ON (I2OP) RADPATCH

Built to live on everything you own.

Each RadPatch is a sealed passive NFC tag with a medical identifier embedded at its core. Tamper-locked, hardware-provisioned, and impossible to reproduce.

SIZE From 3.5 × 3.5 mm · custom available	TECHNOLOGY Passive NFC · WMSD format
ENCRYPTION AES-256	DURABILITY Waterproof · Washable
REWRITABLE Yes · PIN-protected	APPLICATION Iron-On · Hair Iron · Peel & Stick

 **PROVISIONING** WaveMed-Provisioned Only · 3rd-Party NFC Blocked

One patch. Any surface.

At actual size, invisible at a glance. At 3× zoom, the Intelligent Iron-ON structure becomes visible. Worn once, read anytime.



TWO FORMATS · ONE DATA STANDARD

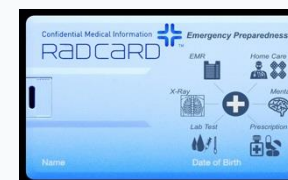


RadPatch

Iron-On · Hair Iron · Peel & Stick

Attaches to clothing, gear,
vehicles, pets.

Waterproof and washable once
applied.



RadCard™

Wallet-sized card format

Carried in wallet or pocket.
Required for Cloud Access
subscription.

Two ways to get RadPatched.

WaveMed serves individuals and institutions with the same product — through two distinct workflows.

PATH A · SELF-SERVICE

Direct to Consumer (B2C)

The user purchases a RadPatch or RadCard™ directly, applies it to a garment or accessory, and enters their own medical data using the WaveMed™ mobile app.



Purchase



Self-register via app



Ready to scan

BEST FOR

Individual users, travelers, athletes, cyclists, families buying for elderly parents or children.

PATH B · FULL-SERVICE

Provider-Supplied (B2B / B2G)

The provider organization bulk-orders RadPatches, registers each end-user's medical data using WaveMed DeskTop Manager™, then distributes the pre-loaded patches.



Bulk order



Register on desktop



Distribute

BEST FOR

Hospitals, insurance providers, government health programs, long-term care, schools, armed forces, NGOs.

WaveMed DeskTop Manager™

The cross-platform Windows and macOS desktop application built for provider-staff workflow. Connect a PC/SC NFC reader, fill in the patient's required info, press Register — done.



WAVEMED DESKTOP MANAGER™ · PATIENT REGISTRATION

WaveMed DeskTop Manager™

(888 / 0)

Patient Registration





Required Info

First Name (Passport)

Last Name (Passport)

Local Name

Gender

Male

Blood Type

Select

Date of Birth

Country

Medical Info

Emergency Contact

Diabetes

None

Allergies

Select

Medication

Select

Options

Add doctor info

Doctor & Insurance

Usual Doctor

Doctor Contact

Insurance

Policy Number

Insurance Emergency Call

Register

Tag Status

RFID Reader

Reader 1

Manual-Read

Read

Read

Write

Reset

Format

Help & User Guides

Open

PLATFORMS
Windows · macOS

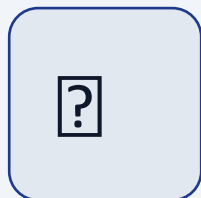
NFC READER
Any PC/SC-compatible

OPERATIONS
Read · Write · Reset · Format

WORKFLOW
Bulk registration · Audit-ready

One system. Two roles. Two apps.

The person wearing the medical data and the person who needs to read it are rarely the same. Two purpose-specific apps share the same RadPatch/RadCard™ data layer.

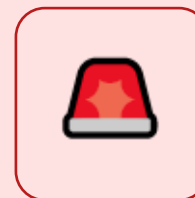


WaveMed™

FOR PATIENTS & INDIVIDUAL USERS

The personal health identity app. Write your emergency info to a RadPatch or RadCard™, manage your medical records, and share selectively.

- Write & update your own medical data
- 6 feature tiles: Emergency Info, Calendar, Docs, Mgmt, Writer, Cloud
- PIN-protected edits · end-to-end encryption
- Cloud Access via RadCard™ — patient-owned data portal

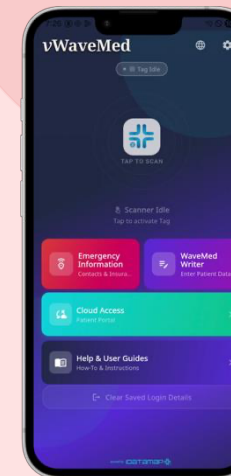


vWaveMed

FOR FIRST RESPONDERS & ER STAFF

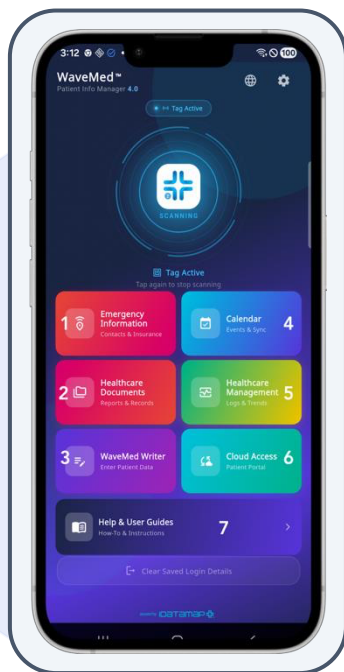
The emergency-scene reader app. Tap a patient's RadPatch, read their critical medical info in 1 second — no login, no delay, no language barrier.

- Cannot modify or alter patient data — view & add responder notes
- 4 streamlined tiles: Emergency, Writer, Cloud, Help
- Auto-translates to responder's language (26 supported)
- One-tap share with receiving hospital



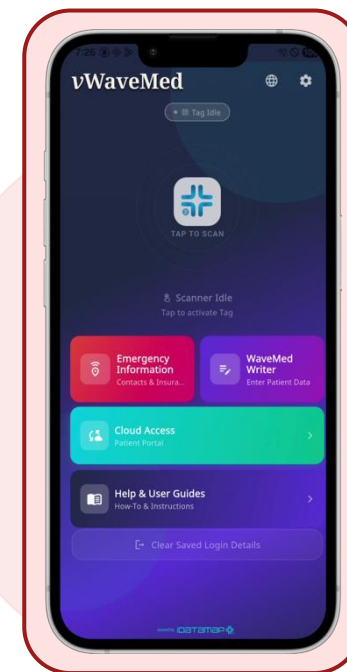
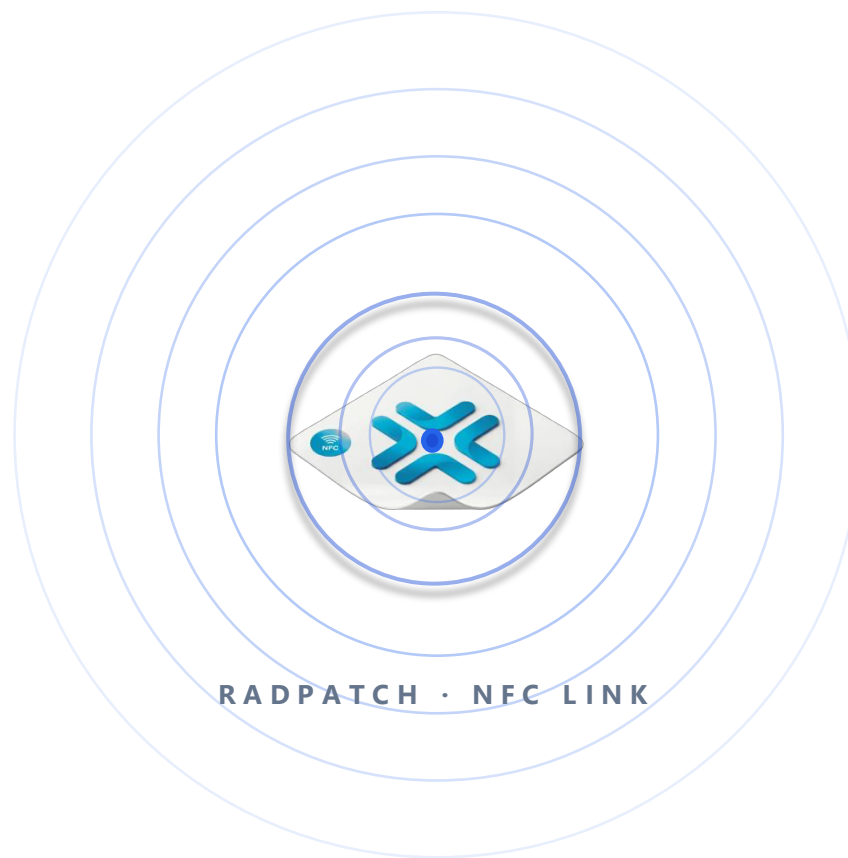
Two screens. One patient. One life saved.

The patient writes their data with WaveMed™ (6 tiles + Help). The responder reads that same data with vWaveMed (4 streamlined tiles). The RadPatch is the bridge.



STEP 1 · PATIENT WRITES

WaveMed™ · 6 feature tiles + Help



STEP 2 · RESPONDER READS

vWaveMed · 4 streamlined tiles

Same system. Four platforms. No lock-in.

WaveMed and vWaveMed communicate through WMSD — a proprietary encrypted NFC format developed by iDataMap. Third-party apps cannot read or decode the data.

 iOS iPhone · iPad ✓ Core NFC read + write ✓ Face ID / Touch ID ✓ Siri Shortcuts	 Android Phone · Tablet ✓ Native NFC framework ✓ Fingerprint / Face ✓ Quick Tiles	 Windows Desktop · Laptop ✓ PC/SC NFC reader ✓ Bulk patient registration ✓ CSV export · audit logs ✓ Offline-capable	 macOS Mac · MacBook ✓ PC/SC NFC reader ✓ Bulk patient registration ✓ CSV export · audit logs ✓ Apple Silicon native
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Six native builds across the ecosystem.

Three apps × mobile and desktop platforms = complete coverage of patients, responders, and provider organizations.

IOS

WaveMed™

Patient app · iPhone

ANDROID

WaveMed™

Patient app · Android

WINDOWS

DeskTop Manager™

Provider tool · Windows

IOS

WaveMed

Responder app · iPhone

ANDROID

WaveMed

Responder app · Android

MACOS

DeskTop Manager™

Provider tool · Mac

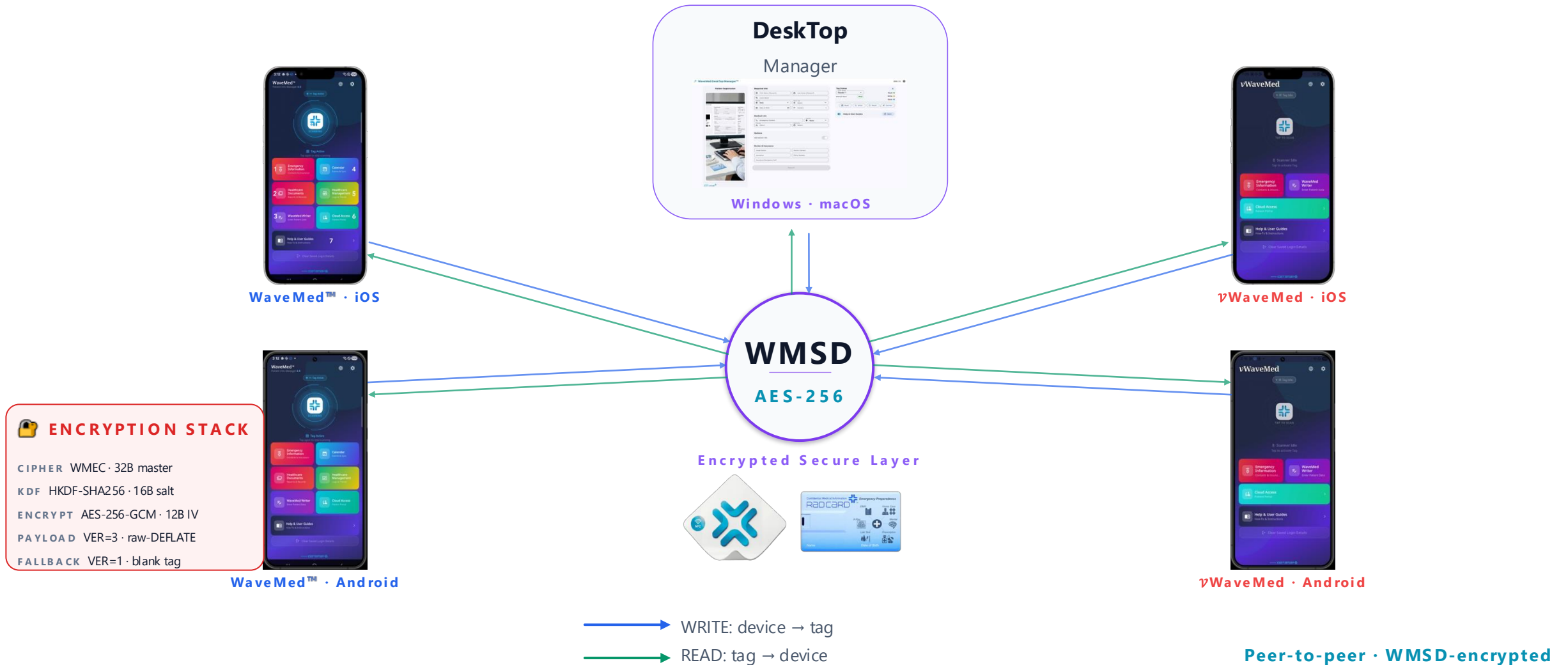
One tag. Four roles. Every direction.

Patients write, providers register, responders read — and onward to the hospital, EMS, and family. Every build bidirectional across patient ↔ responder ↔ provider; outbound shares from responders to medical facilities.



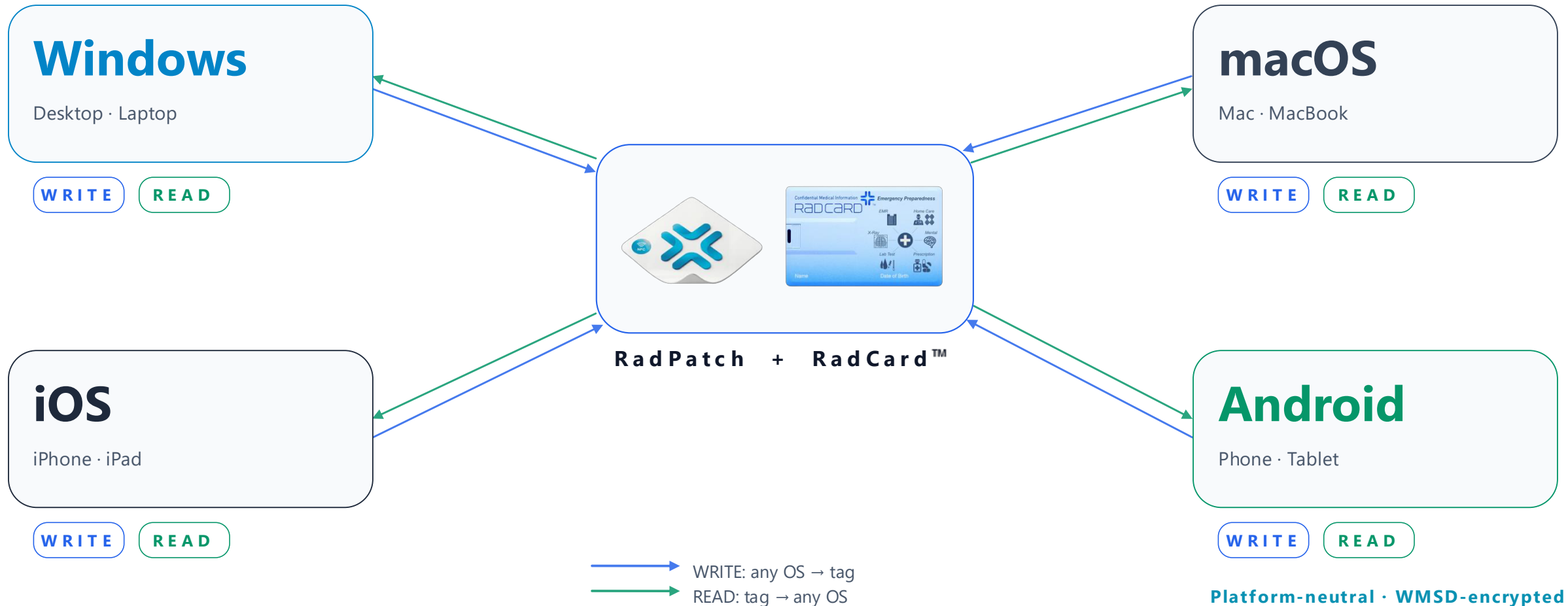
One tag. Every device. Every direction.

Any WaveMed phone, vWaveMed phone, or DeskTop Manager can read and write any RadPatch or RadCard™ — directly, peer-to-peer. The tag is platform-neutral.



One tag. Four operating systems.

Write a RadPatch or RadCard™ on any platform — read it back on any other. The OS is interchangeable; the tag is the single source of truth.



One tag. At the Clinic, Hospital & Pharmacy.

Patients walk in and share their medical identity in one tap. Clinics and hospitals can also issue new RadPatch and RadCard™ to patients on site — becoming local providers.

FLOW A · PATIENT CHECK-IN

Present · Scan · Populate



1

Patient arrives

WaveMed on phone ·
RadPatch on wearables



2

Tap at reception

NFC reader at
clinic front desk



3

EMR auto-populates

Insurance, allergies,
medications in 2s



4

Ready for exam

Triage skipped ·
Room assignment

FLOW B · CLINIC AS PROVIDER

Issue · Write · Deliver



1

Enroll patient

Clinic staff captures
basic medical info



2

Desktop writes tag

Connect PC/SC reader ·
Encrypt with WMSD



3

Hand over to patient

RadPatch + RadCard™
issued on site



4

Carry-home identity

Patient owns data ·
Works anywhere

Three steps. Under two seconds.

Whether it's the patient writing their info or a first responder reading it, the interaction is the same simple tap.

01



LOCATE

Find the RadPatch on a bag, case, jacket, helmet, or vehicle.



02



TAP

Hold any NFC-enabled phone against the patch for 1 second.



03

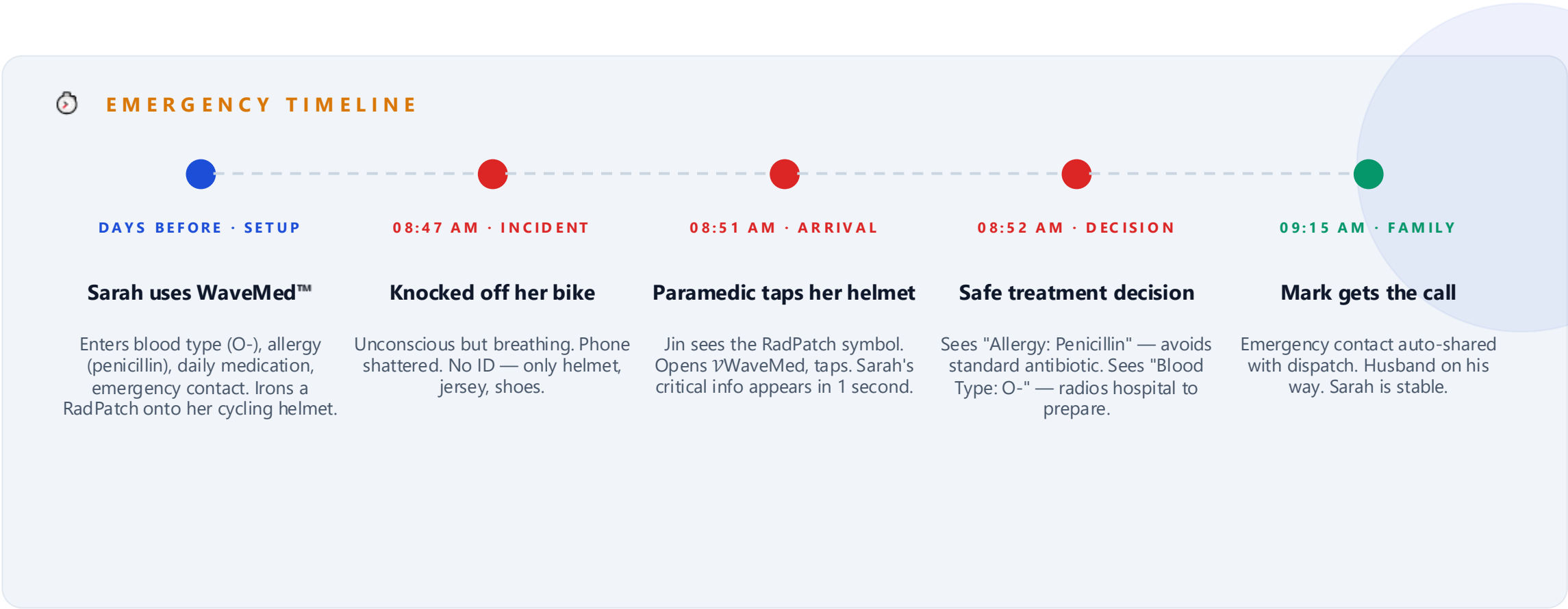


DONE

Blood type, allergies, medications, and contacts load instantly.

Cyclist down on the road — 8:47 AM.

Here's how WaveMed and 1WaveMed work together in a real emergency.



On everything you carry.

RadPatch attaches to fabric, leather, plastic, metal, rubber, or glass. Iron-on, hair iron, or peel-and-stick. Waterproof. Washable.



Watch Bands

24 colors · Apple & Galaxy Watch.



Keyring / Wallet

Leather tag · card holder · bi-fold.



Phone Cases

Premium leather · rugged · clear slim.



Clothing

Polo · formal shirts · running gear.



Sports Gear

Hiking packs · surfboards · boots.



Vehicles

Motorcycles · road bikes · helmets.



Military & Tactical

Uniforms · tactical gloves · field gear.



Pet Collars

7 × 7 mm silent pet identifier.

Built for the moment that matters.

Eight engineering decisions that separate WaveMed from wristbands, apps, and cloud-only services.



No Internet

NFC works offline. Read directly from the patch.



No Battery

Passive NFC — no charging, no batteries, ever.



Waterproof

Survives rain, sweat, swimming, washing machines.



26 Languages

Responders read patient info in their own language.



PIN-Protected

Anyone reads; only the owner (with PIN) can edit.



Provisioned Only

Only WaveMed-provisioned tags can be written. 3rd-party NFC blocked.



Re-writable

Update anytime when allergies or meds change.



RadCard™ Cloud Access

Patient-owned. Access your data via the RadCard™ portal — WaveMed doesn't host it.

Three steps. From data to delivery.

RadPatch system implementation: how patient data flows from input, through encryption and physical patches, to first responders in the field.

01

INPUT · CLOUD

User Information



Data is collected via free-form input or online template. Optional upload using RadCard™ for existing records.

- Free-form input or template
- Upload via RadCard™
- Encrypted to secure database
- AES-256 at rest

02

ENCODE · APPLY

Writing into Patch



Provider operator writes data to physical patches via NFC Writer or WaveMed Lite app, then attaches to wearables.

- Cloth Patch · Plastic Card
- NFC Writer or WaveMed Lite
- Apply: clothes, helmet, bag
- Heat-seal or peel-and-stick

03

READ · ACT

Read and Access



Anyone with the WaveMed app can tap the patch to access emergency data — works fully offline at the scene.

- User · Family · Responders
- Free WaveMed app
- Tap → 1-second read
- Offline-capable

Your medical data, everywhere you go.

RadPatch fits seamlessly into daily life — wallet, wearables, vehicles, kids' gear, home, and office. Six lifestyle scenarios, one platform-neutral tag.

Wallet

Daily essential



Motorcycle

Vehicle emergency info



Smart Home

Secure access · alerts



Watch

Wearable medical data



Kids Backpack

Safety at school



Office Access

Workplace integration



I²OP NFC

Ultra-thin chip

Heat-seal · Universal

Material Bonding

≈3cm

Dimensions

100%

Waterproof

∞

Re-writable

ASSURED BY IDATAMAP™

— PART TWO

RadCard™

Multi-Port MicroEHR Platform — Patient-Centric Healthcare Data Revolution

USB + NFC

Dual interface

OFFLINE

Capable & Secure

AES-256

Encrypted

PATIENT

Owned & Controlled

Patient-centric healthcare data, reimaged.

RadCard™ unifies patient data through a dual-interface ecosystem: I²OP NFC Patch + USB MicroEHR. The first medical passport for the era of mobile, offline-first care.

⚠ THE CRISIS

Fragmented medical data costs lives.

250,000+

Annual deaths from medical errors (US alone)

92%

of ER visits lack complete patient history

\$19B

Annual cost of duplicate testing & lost records

4.5B

People worldwide without portable health data

✓ THE OPPORTUNITY

RadCard™ unifies the entire ecosystem.

\$50B

Global healthcare data interop. market

Lifetime

Patient-owned ownership · zero recurring fees

FDA / HIPAA

Compliance-ready · Global patent protected

Universal

Any provider, any device, any country

Plug it in anywhere. It just works.

RadCard™ acts as both a wearable I²OP NFC patch and a wallet-sized USB drive — a self-contained MicroEHR that runs from the card itself, no installation required.



Plug & Play

Auto-Run on any USB port — no driver, no install



Self-Contained

Micro EHR & PACS run directly from the card



Multi-Language

26 languages · auto-detects responder's locale



AES-256 Encrypted

Military-grade encryption · patient PIN required



Contactless NFC

I²OP-protected wireless read · 10cm range

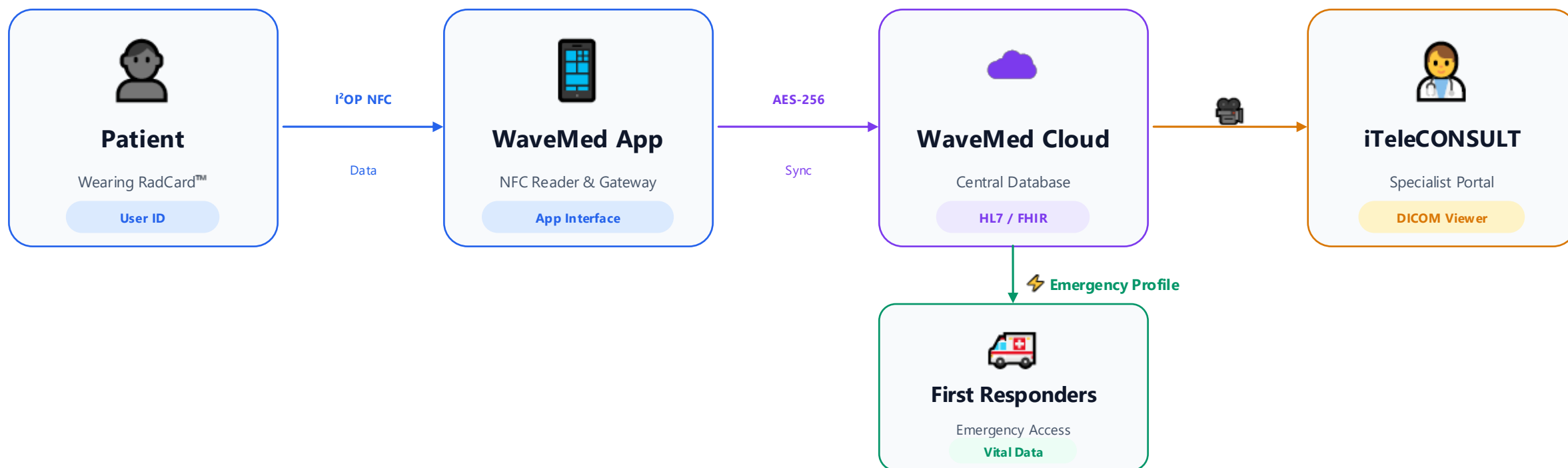


Online / Offline

Works fully offline · syncs when connected

RadCard™ Patch · iTeleCONSULT · WaveMed · Cloud

A single patient identity flows seamlessly across patient, provider, specialist, and first responders.



RadCard™ vs. traditional medical records.

Multi-Port MicroEHR Platform replaces fragmented paper, portals, and proprietary systems with a single patient-owned identity.

CATEGORY	✓ RADCARD™ MULTI-PORT	TRADITIONAL RECORDS
Data Access	✓ Offline-Capable & Secure	✗ Online-Only Required
Data Ownership	✓ Patient-Controlled	✗ Institution-Controlled
Portability	✓ USB / NFC Anywhere	✗ Paper / Portal Only
Emergency Access	✓ Instant · Offline	✗ Delayed · Login Required
Cost Model	✓ One-Time Ownership	✗ Recurring Subscription Fees
Data Retention	✓ Lifetime Ownership	✗ Limited Retention Period
Geographic Reach	✓ Global · Cross-Border	✗ Regional / Local Only
Installation	✓ Plug & Play (Auto-Run)	✗ Software Install Required

Saving lives in critical situations.

Two emergency scenarios where RadCard™ delivered measurable impact: rapid identification when speech is impossible, and language-barrier-free care for travelers abroad.



EMERGENCY · ER

Unconscious Patient

Patient arrives unconscious after accident. No ID. Tap RadCard™ to immediately reveal allergies, blood type, current medications, and chronic conditions — bypassing the "golden hour" delay.

 Time Saved

15-45 min

 AES-256 Encrypted

Secure



No Internet Required

Offline

 Could Prevent Death

Life-saving



TRAVEL · ABROAD

Travel Emergency

Tourist collapses in foreign hospital with language barrier and no records. RadCard™ provides instant translated medical history, blood type, emergency contacts — bypassing administrative delays.

 Time Saved

2-4 hours

 Global Coverage

Cross-border



26 Languages

Universal



Multilingual Access

Instant

From triage to discharge — one tap.

RadCard™ integrates seamlessly into every healthcare touchpoint: emergency, hospital admission, specialist referral, nursing care, and self-service kiosks.



Emergency

Instant ID & allergies



Hospital

Seamless admission



Specialist

Referral data sync



Nurse Station

Bedside verification



Triage Kiosk

Patient self check-in



One unified patient identity. Every healthcare touchpoint.

RadCard™ eliminates duplicate data entry, identity errors, and onboarding friction across every clinical and administrative system.

Evidence-based outcomes & financial impact.

Pilot deployments demonstrate measurable improvements across patient safety, throughput, cost, and data availability.

