

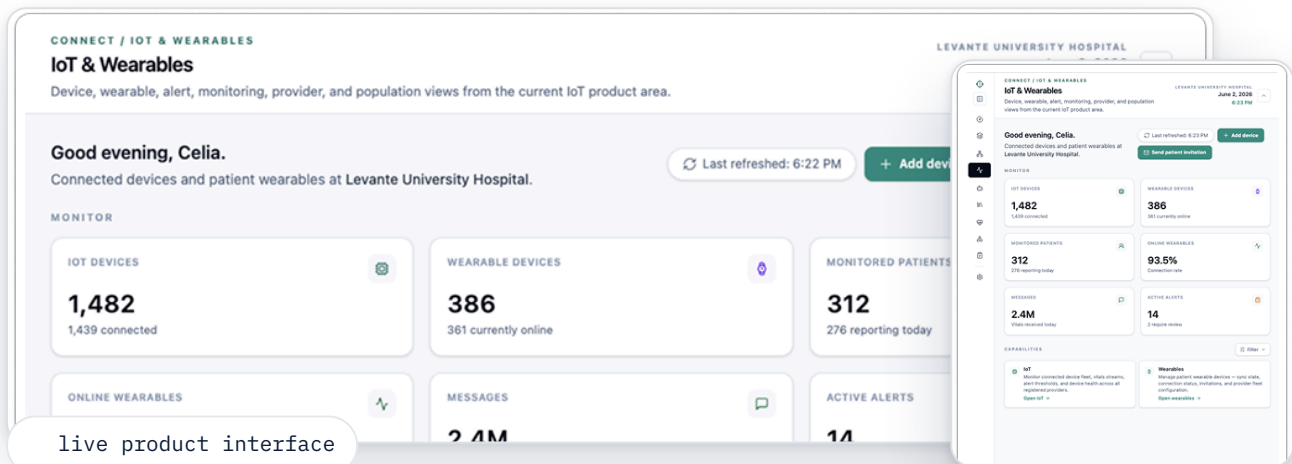
HEALTH IOT & WEARABLES

Patient data, wherever they are.

WHY IT MATTERS

Patients generate continuous health data through wearables and IoT sensors, but it arrives in proprietary formats that clinical systems cannot consume — leaving care teams blind to trends forming outside the clinic.

// product view



live product interface

8+ device brands

Apple Health, Samsung, Oura, Whoop, Fitbit, Garmin, Polar, Suunto

OAuth 2.0 per device

Secure, patient-initiated authentication for every device

MQTT / NATS streaming

Real-time patient-data streams at clinical scale

In practice

A remote patient monitoring programme connects patients wearing Oura, Apple Health, and Fitbit devices. Vital streams arrive via MQTT, threshold alerts fire directly into the EHR, and FHIR Observation resources update the patient record continuously — no manual entry, no data loss.



BOOK A DEMO

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TietAI product demo

TIETAI HEALTH IOT

HL7 - FHIR - X12 - DICOM - OAuth 2.0

SPECIFICATION

Devices	Apple Health · Samsung · Oura · Whoop · Fitbit · Garmin · Polar · Suunto
Protocol	MQTT / NATS real-time streaming
Auth	OAuth 2.0 per device · patient-initiated
Output	FHIR R4 Observation resources
Vitals	HR · HRV · SpO2 · BP · glucose · sleep · recovery · activity
Deployment	Cloud

FIELD OUTCOMES

8+

Certified device brands

consumer to clinical grade

8

Vital sign types

HR · HRV · SpO2 · BP · glucose · sleep ·
recovery · activity

FHIR R4

Observation output

continuous patient record updates

COMPLIANCE

HIPAA-READY

GDPR · EU RESIDENCY

ISO 27001

SOC 2 TYPE II — ROADMAP

WCAG AA

INTEROP MATRIX

Device SDK / OAuth 2.0 -> MQTT / NATS
streams

MQTT streams -> FHIR R4 Observation
resources

FHIR Observations -> clinical threshold
alert rules

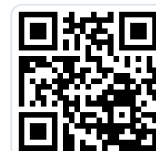
Wearable API -> unified patient vitals
record

PRODUCT CATALOG

**TietAI — The AI-native
data platform for
European healthcare**

SCHEDULE A DEEP-DIVE

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