

AI TELEMEDICINE & REMOTE CARE PLATFORM

TELECARE®

Connected Healthcare. Anywhere. Anytime.
Powered by Artificial Intelligence.

TELECARE® is CAREPOI®'s AI-powered telemedicine and distributed care platform — connecting patients with doctors, nurses, and hospital-grade diagnostic capabilities through a unified digital health ecosystem. From home video consultations to AI pre-triage, Medical POI stations, and prescription delivery, TELEcare® delivers the complete patient journey without hospital walls.

5 care
SOLUTION TIERS

<2h
DOCTOR ACCESS

EU
VALIDATED PILOT

360°
PATIENT JOURNEY

WHAT IS TELE CARE®

A Complete AI-Enabled Distributed Healthcare Ecosystem

TELECARE® is CAREPOI®'s telemedicine and remote care platform — a fully integrated digital health ecosystem that delivers real medical care beyond traditional hospital settings, combining AI-powered symptom assessment, video consultations, Medical POI diagnostic stations, telemetry nursing, and prescription management into a single connected platform.

TELECARE® is not a standard video-call service. It is a multi-channel, AI-augmented healthcare delivery platform in which patients receive access to real clinical assessment capabilities — including hospital-grade diagnostic examinations through CAREPOI® Medical POI stations — from their homes, local pharmacies, or any network access point. Every consultation is supported by a living medical record that evolves with each encounter, giving every clinician a complete view of the patient at every interaction.

THE CHALLENGE

Healthcare Access is Failing at the Community Level

Long Waiting Times

Patients wait days or weeks for specialist appointments while their condition progresses — a structural inefficiency that preventive, connected care can directly address.

Hospital Overcrowding

Emergency departments are overwhelmed by non-emergency cases that could be resolved through primary telemedicine — consuming resources intended for critical patients.

Vulnerable Populations Left Behind

The elderly, chronically ill, mobility-limited, and geographically remote lack adequate access to continuous, proactive healthcare that prevents acute deterioration.

Fragmented Care Records

Without a unified medical record accessible across all care touchpoints, clinical decisions are made with incomplete information — increasing risk and reducing quality of care.

"TELECARE® delivers a complete healthcare journey — from the first symptom to accurate diagnosis, treatment, and follow-up — without patients ever needing to leave their community."

— CAREPOI® / TELE CARE® CLINICAL PLATFORM

FIVE-TIER CARE ARCHITECTURE

Care That Adapts to Every Patient, Every Need

TELECARE® offers five flexible care solutions that address the full spectrum of patient needs — from simple acute consultations to complex chronic disease management — providing the right level of care at every stage of the patient journey.

1

Home Video Medical Consultation

Patients describe symptoms to the AI assistant, which recommends the appropriate specialist. They select a doctor by specialty, availability, and fee — then book and pay online. A video consultation with a qualified physician begins within hours, from home, with no travel and no waiting room.

2

POI Station Visit — Real Medical Examinations

When physical examination is clinically necessary, patients visit the nearest TELECARÉ® POI station or affiliated pharmacy. Using hospital-grade medical devices (the same technology deployed in public and military hospitals), they complete certified clinical measurements while connected to a physician in real time via the platform.

3

Preventive Monitoring & Health Record Management

Patients manage their long-term health through regular examinations at POI stations or affiliated pharmacies. All results are automatically integrated into the patient's complete medical record — creating a longitudinal health profile that enables proactive care and early intervention before acute problems develop.

4

AI Pre-Hospital Triage & Symptom Assessment

Powered by CAREPOI®'s AI — the same technology that drives ERTRIAGE® — the AI assistant analyzes patient symptoms in real time, classifies urgency, and directs patients to the appropriate care pathway before conditions become critical. Rapid, evidence-based decision support that prevents unnecessary emergency department visits and dangerous delays.

5

Prescription Issuance & Medication Home Delivery

Following a video consultation, physicians issue digital prescriptions immediately through the platform. Medications are then delivered directly to the patient's home with full tracking — completing the care cycle from diagnosis to treatment without any patient movement required.

CORE SERVICES

Six Integrated Healthcare Service Modules



Video Medical Consultation

TELECARE® Connect

Real-time video consultations with qualified physicians. AI-assisted doctor matching by specialty, symptom profile, availability, and fee. Secure encrypted sessions with real-time vital sign integration during consultation.



AI Symptom Assessment

TELECARE® AI

Intelligent symptom analysis powered by CAREPOI® AI. Patients describe symptoms in natural language; the AI classifies urgency, identifies risk, and recommends the appropriate specialist or care pathway — before the consultation begins.



Integrated Medical Record

TELECARE® Health File

A living, continuously updated medical record that aggregates all consultation notes, examination results, prescriptions, and AI assessments. Accessible by the patient and all authorized clinicians across the TELECARÉ® network — ensuring continuity of care at every touchpoint.



POI Diagnostic Examinations

TELECARE® Diagnostics

Hospital-grade medical examinations at TELECARÉ® POI stations and affiliated pharmacies. Blood pressure, ECG, pulse oximetry, glucose, temperature, ultrasound, and more — all captured by certified devices and transmitted to the physician in real time.



Telemetry Nursing — Home Exams

TELECARE® Home

For patients unable to visit a POI station, specialized telemetry nurses travel to the patient's home equipped with portable medical devices. Examinations are performed on-site while the physician monitors and receives results in real time via the platform.



Prescription & Medication Delivery

TELECARE® Rx

Digital prescriptions issued instantly at the end of video consultations. Medications delivered to the patient's home with full tracking capability. From diagnosis to treatment — without leaving home.

HOW IT WORKS — PATIENT JOURNEY

1

Identify Symptoms → AI Assessment

The patient describes symptoms to the TELECARÉ® AI assistant. The system analyzes severity, duration, and context — recommending the appropriate specialist and care pathway.

2

Book Doctor or Nurse → Within Hours

Select from available physicians or telemetry nurses by specialty, schedule, and location. Book online and pay securely. Access within 2 hours for urgent cases.

3

Consultation + Diagnosis → Real Clinical Data

Video consultation supported by live vital signs from POI station or home examination. The physician has access to the full medical record and real-time diagnostic data for a complete clinical assessment.

4

Prescription → Delivered Home

Digital prescription issued immediately. Medications dispatched with full tracking. All consultation data recorded in the medical record for continuity of care.

WHO TELE CARE® SERVES

Built for Every Patient. Optimized for the Most Vulnerable.



Chronic Disease Patients

Continuous monitoring and optimized health control for patients managing cardiovascular disease, diabetes, respiratory conditions, and other long-term conditions requiring regular clinical oversight.



Elderly Patients at Home

Safety, security, and clinical support with direct access to doctors and nurses — enabling elderly patients to receive hospital-equivalent care from the comfort and familiarity of their own home.



Busy Professionals

Fast, high-quality medical care without the lost time of clinic appointments. Consultations within hours, prescriptions delivered, and all health records accessible on any device at any time.



Remote & Underserved Communities

Quality healthcare services delivered wherever the patient is located — bridging the access gap for populations in geographically isolated regions or areas with limited specialist availability.



Healthcare Providers & Physicians

A powerful digital practice platform enabling physicians to expand their clinical reach, manage patient lists efficiently, access complete records, and deliver care across multiple locations.



Pharmacies & Healthcare Networks

Transform pharmacies into TELE CARE® POI stations — extending the clinical role of pharmacists and creating new healthcare access points within existing community infrastructure.

PLATFORM CAPABILITIES

| Capability | Description |
|---------------------------------------|---|
| AI Symptom Triage | Real-time AI analysis of patient symptoms with urgency classification and specialist recommendation — powered by the ERTRIAGE® AI engine. |
| Live Vital Sign Integration | During video consultations, real-time vital sign data from POI stations or home devices is streamed directly to the physician's interface. |
| Medical Record & Longitudinal History | Complete, continuously updated patient medical file accessible across all care encounters and authorized providers within the TELE CARE® network. |
| Doctor & Nurse Marketplace | AI-matched selection of available physicians and telemetry nurses by specialty, schedule, location, and fee — with online booking and secure payment. |
| Telemetry Nursing | Specialized nurses equipped with portable certified medical devices provide home-based clinical examinations with real-time physician connectivity. |
| Digital Prescription System | Legally valid digital prescriptions issued at end of consultation, integrated with pharmacy delivery network for home medication fulfillment. |
| Referral System | Structured clinical referral pathways connecting TELE CARE® consultations to specialist care, hospital admission, or emergency services when indicated. |
| GDPR & Security Compliance | Full compliance with EU data protection regulations, encrypted communication channels, role-based access controls, and comprehensive audit trails. |

EUROPEAN VALIDATION

Proven at European Scale

TELECARE® has been selected, deployed, and evaluated within two significant European healthcare innovation programs — demonstrating its capability to deliver transformative telemedicine services in real-world, multi-country healthcare environments.

EU CHERRIES EU Project — AHL Reference Site

TELECARE® technology (under the DOCTORHELLO platform) was selected and successfully evaluated in the European CHERRIES project — addressing one of healthcare's most significant challenges: delivering quality medical services to remote and underserved communities. Validated as an EU Active and Healthy Living (AHL) Region Reference Site.

EU HealthChain Project

TELECARE® was deployed as part of the EU HealthChain project — a bundle of innovative telecare services utilizing mobile POI stations and TELECARER® clinical center physicians. Demonstrates the platform's capacity to support complex, coordinated care delivery at European scale.

COMPLIANCE & CERTIFICATION

EU TM

AN 019157365

GDPR

EU Data Protection

ΦΕΚ

Greek Telemedicine Law

**ISO
27001**

Information Security

CHERRIES

EU AHL Reference

CAREPOI® ECOSYSTEM

TELECARE® Within the Connected Intelligence Platform

TELECARE® is one of three flagship platforms within the CAREPOI® integrated AI healthcare ecosystem — each addressing a different dimension of the patient journey, all sharing a common intelligence architecture and unified patient data infrastructure.

TELECARE®

Remote & Community Care

AI telemedicine, video consultations, Medical POI examinations, telemetry nursing, AI triage, prescription delivery. The complete patient care journey outside hospital walls.

ERTRIAGE®

Emergency Triage AI

World's first device-based AI emergency triage system. 97% accuracy, <180 seconds. Deployed in public hospitals across Greece. Powers the AI pre-triage capability within TELECARER®.

MEDPOI®

Medical POI & Intelligence

Network of Medical Points of Intelligence — certified AI-enabled diagnostic stations integrating ECG, BP, SpO2, ultrasound, glucose, and more. The hardware backbone of the TELECARER® POI network.

RESEARCH & VALIDATION

Evidence-Based Telehealth Innovation

TELECARE® is built on a foundation of clinical research, EU project validation, and continuous evidence-based development. The platform's effectiveness in delivering quality care across diverse populations — from urban chronic disease patients to remote community residents — has been demonstrated through real-world European deployments and independently validated pilot programs.

MEASURABLE IMPACT

The Clinical & Operational Value of TELECARE®

Faster Access to Medical Care

Patients access qualified physicians within hours — not days — replacing weeks-long specialist waiting queues with on-demand digital access.

Earlier Detection of Serious Conditions

AI pre-triage and continuous monitoring identify deteriorating conditions before they become emergencies — reducing preventable acute episodes.

360° Patient Journey Coverage

From first symptom to diagnosis, prescription, medication, and follow-up — TELECARE® covers the complete care continuum without institutional handoff gaps.

Lower Healthcare System Costs

Reduced unnecessary ED visits, optimized specialist referrals, and preventive monitoring decrease the systemic cost burden of unmanaged chronic disease.

FOR ORGANIZATIONS

Partnership & Deployment Models

Healthcare Providers & Hospitals

Extend clinical capacity beyond hospital walls. Enable post-discharge monitoring, chronic disease management, and pre-admission triage through the TELECARE® platform — reducing readmissions and improving outcomes.

Pharmacies & Pharmacy Chains

Transform your pharmacy network into a TELECARE® POI point — offering patients access to real clinical examinations and video consultations at every branch, creating a new healthcare service revenue stream.

Municipalities & Public Health

Deploy TELECARE® POI stations at community health centers, public spaces, and municipal facilities to create comprehensive community health access networks for underserved populations.

Corporations & Insurers

Provide employees and insured populations with direct access to medical care, preventive health programs, and AI-supported health monitoring as a valued employee benefit or insurance product.

Universities & Research Institutions

Deploy TELECARE® within campus health programs, student health services, or research environments — providing real-world telehealth data and services to academic communities.

Travel & Life Insurance

Integrate TELECARE® as a policyholder benefit — providing insured patients with on-demand medical access anywhere in the world, reducing claim costs through early intervention.

TELECARE®

AI Telemedicine & Distributed Care Platform

TELECARE® reimagines what healthcare access can mean. By combining AI intelligence, certified diagnostic hardware, a network of medical professionals, and a seamless digital platform, we make *real medical care* available to every patient — wherever they are, whenever they need it. This is healthcare beyond walls. This is the future CAREPOI® is building.

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EU TRADEMARK

AN 019157365

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