vigíacare
by cartronicgroup

Advanced Telemedicine solution

Vigíacare is an end-to-end telemedicine, triage, and patient monitoring platform designed to efficiently integrate primary and specialized care in all healthcare settings, both in-person and remote, in both civilian and military contexts. It enables the management of multiple centers, professionals, and customized roles, combining medical devices, a hybrid Cloud/Edge platform, and artificial intelligence for real-time diagnosis, monitoring, and decision-making.

Continuous healthcare, wherever you are.
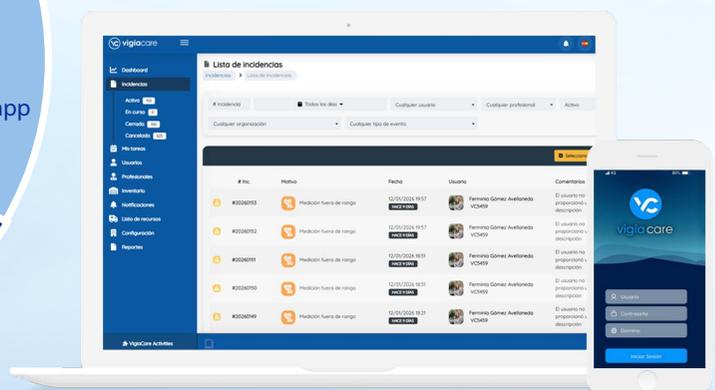
Intra-hospital

Home care

Defense

Special Scenarios
(Transfers, Transport, Accidents

We care for and monitor your health remotely and non-invasively through a comprehensive platform that enables real-time clinical follow-up and continuous monitoring of patients, reducing in-person visits and improving care for chronic, frail, or critically ill patients.

Vigíacare is a solution focused on preventing adverse situations and deterioration, allowing healthcare professionals to monitor the status and changes in patients' health in real time and remotely, through our own telemedicine solution. It facilitates the monitoring of compliance and activity of the prescribed follow-up and care plans, based on each patient's prescription and condition.

Telemedicine

Monitoring platform

Medical devices

Professional app

tele-assistance

Patient app

A comprehensive solution designed for the challenges of modern healthcare.

Vigíacare by Cartronic Group- *Advanced telemedicine platform.*

Key features of the solution.

- Customizable care plans for each patient.
- Real-time triage, diagnosis, and monitoring, either locally or remotely.
- Multicenter, scalable cloud platform.
- Professional and home medical equipment, integrated with emergency systems.
- Patient management and remote access to their Electronic Health Record (EHR).
- Automatic clinical alerts for early intervention.
- Management of alerts, SOS events, and non-compliance.
- Algorithms and artificial intelligence for health assessment and prevention of decompensation.
- Fall and immobility detection algorithms with vital signs assessment.
- Situational and predictive MEWS (Medical Early Warning Score).
- International HCE/HIS interoperability via HL7, CDA, FHIR, SNOMED, and LOINC.

Advanced remote diagnostics for any clinical and operational scenario.

Hospitals and healthcare services

Vigíacare allows care to be extended beyond the hospital, integrating local and remote consultations in any care setting, monitoring patients, and providing access to their medical records from a single platform.
- Optimizes human and material resources.
- Improves the quality and productivity of care.
- Reduces professional fatigue.
- Decreases the number of readmissions and unnecessary stays.
- Improves the quality of care and patient health.

Home care and chronic patients

Continuous monitoring of patient health and prescribed care plans from home, with automatic alerts and personalized care plans. Improves patient quality of life and reduces hospital readmissions.

Residential homes and social-health centers

Control and monitoring of elderly or dependent persons, facilitating communication between caregivers, medical staff, and family members, with a special focus on prevention and early detection of changes in health status.

Public health and telemedicine projects

Scalable platform for digital health programs, population monitoring, and remote care in rural or hard-to-reach areas, enabling the deployment of structured and sustainable telemedicine models.

Special and mission-critical scenarios.

Vigíacare Combat: a robust military telemedicine solution, natively integrated into multi-domain operational environments, enabling secure and coordinated remote medical assistance from **ROLE-1 to ROLE-4** through secure communications and portable medical devices.

Why Vigíacare?

- Optimizes resources, reduces time, and strengthens the doctor-patient relationship.
- Connected and accessible healthcare.
- Centralized clinical information for faster decision-making and continuous monitoring.
- Security and confidentiality under certified protocols.
- Integrated, intuitive, and clinically oriented experience.
- Compatible with any healthcare model (public and private healthcare)

Features of Vigíacare.

- A unique platform for all healthcare scenarios.
- Coverage for public and private, civil and military scenarios.
- Management of acute/severe, chronic, frail, dependent, or social-healthcare patients.
- Hospital or non-hospital management, with coverage up to monitoring and home admission.
- Artificial Intelligence systems with algorithms to prevent imbalances and emergency situations.

The indispensable tool for monitoring and diagnostics in any scenario.

The medical suitcase and backpack are part of the Vigíacare ecosystem, developed for telecare that combines Vigíacare monitoring software and advanced hardware, making it a powerful tool that is easy to use and transport, improving the provision of remote healthcare services in multiple environments.

Secure

Vigíacare has security and encryption protocols in place, protecting users' clinical information and data at all times.

Customizable

The medical case is easily adaptable and customizable depending on each medical specialty and scenario.

Intuitive

The modern Vigíacare user interface and its medical devices are easy to use and require only minimal training.

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