

Heart Rhythm Telemonitoring VitalCare Platform

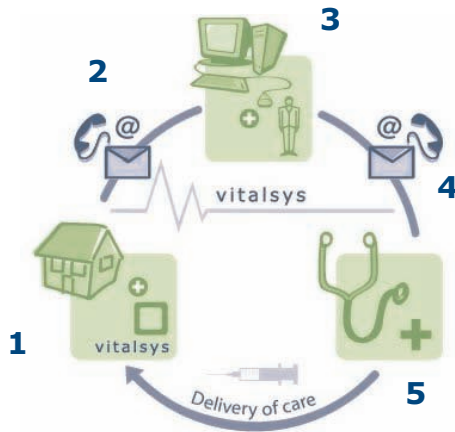
"An efficient tool for healthcare professionals and patients to transfer ECG in Real-Time"



vitalsys
TELEMEDICINE SYSTEMS

UNIQUE FEATURES

- Fully automatic 12-leads ECG monitoring
- Summarizes ECG waveforms & reports
- Reporting by mail, fax, e-mail or on the web.
- User friendly, high patient satisfaction.



1. **General practitioners or patients themselves take an electrocardiogram with an ECG device**
2. **In both cases, waveforms are automatically sent to the VitalCare platform. Before data transfer, only the physician may directly see the ECG waveforms when he uses the pocket PC**
3. **VitalCare platform stores the data and generates report. Cardiologists based in hospital or in a diagnostic center are informed of ECG waveforms availability on VitalCare platform. They may access the data to do waveforms analysis**
4. **Results are sent according to a predetermined basis to the physicians and, if needed, to the patients**
5. **Physicians may better manage CV urgencies and follow up patients' chronic CV status. They may give or adapt more quickly the prescribed treatment**

ADVANTAGES

For the physician

- + Fully automatic reception of patient electrocardiogram waveforms.
- + Optimal therapy control & stronger trusted patient relationship.

For the patient

- + Enhanced quality of life, comfort and security.
- + Confidence that physician has the right data in his hands.

RECOMMENDED INDICATIONS

- Coronary syndrome, myocardial infarction, cardiac rhythm control, atrial fibrillation and other CVD events.
- Therapy compliance control.
- Post-cardiac surgery home hospitalizations.



IMPACT ON HEALTHCARE ORGANIZATIONS

For homecare organizations

- Optimization of the care process through better information, systematic processes and less travelling.
- New type of services to tackle high workloads and the shortage of colleagues.

For public and private health insurances

- Proven lower mortality and hospital readmissions through prevention.

"Because care is not a matter of distance"

Key Components of the ECG VitalCare Service

ECG MONITORS

Vitalsys proposes 3 to 12-Leads efficient ECG recorders (with their accessories) which are easy to use and validated by the manufacturer:

- Medihand® Pocket PC
- Visiocor®

Vitalsys is open to interface with VitalCare platform an ECG monitor selected by the customer thanks to the communication parameters provided by the manufacturer.

COMPATIBLE MOBILE PHONE & POCKET PC

Vitalsys will provide the physicians with a pocket PC or the patients with a mobile phone already paired with the appropriated ECG device.

Physicians and patients could also respectively use their own pocket PC and mobile phone if they are compatible with the ECG device. Depending on ECG monitor types, data will be transmitted by GPRS or modem to the VitalCare platform.

A Bluetooth hub can replace the mobile phone.

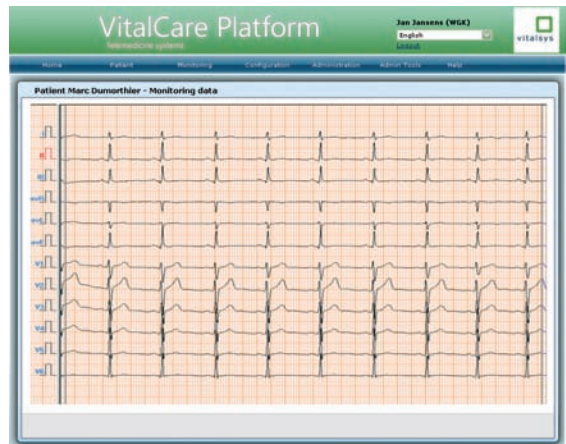


VITALCARE PLATFORM ACCESS

VitalCare platform highlights ECG waveforms, creates and sends reports (mail, e-mail, SMS, fax), generates alerts, manages access rights, follows up the ECG waveforms monitoring contracts, ...

VitalCare platform can include other functionalities such as a complete patient file management, interactive questionnaires, dynamic graphs and much more ...!

VitalCare platform can also work as a "black-box" for the IT infrastructure of healthcare organizations by the use of secured webservices managed by a VitalCare Agent.



REFERENCES

Vitalsys solutions, products and services are actually used by several innovative companies & organizations such as the Wit-Gele Kruis Genk, the SCSAD Charleroi, Axa-Assistance, Sanofi Aventis, Boehringer Ingelheim, UCB, AstraZeneca and, at hospital level, some departments of cardiology.

Vitalsys is also partner and supplier of Belgacom Group. Vitalsys systems are developed with the support of the Belgian Science Policy (BSP), the Brussels Scientific Institute for Research and Innovation (IRSIB) and the Flemish IBBT (Institute for Broadband Technologies).

Vitalsys is involved until 2009 as medical devices and telemedicine systems supplier in a huge telemedicine clinical study in chronic heart failure.

This trial is mainly granted in Belgium by the Region Bruxelles Capitale, the national sick fund INAMI-RIZIV, the telecom company Belgacom Mobile and the insurance & assistance company Touring.

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