

# CardioSecur Active

15-lead ECG  
In your patients' hands



Made  
in  
Germany

# Heart-Check when symptoms occur

CardioSecur Active allows patients to record a complete **15-lead ECG** in the event of symptoms. This enables you to perform a fast and conclusive diagnosis and manage your patients' treatment effectively.



## Capture symptoms

Record a 15-lead ECG anytime and anywhere



## Intuitive use

Easy handling for patients via app



## ECG pre-evaluation

Prioritization of critical and uncritical cases

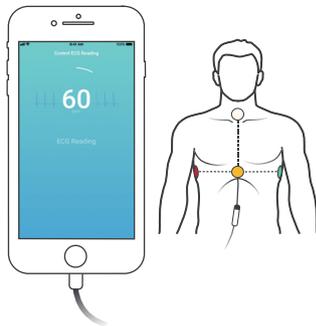


## Paperless

Immediate digital transfer of ECGs

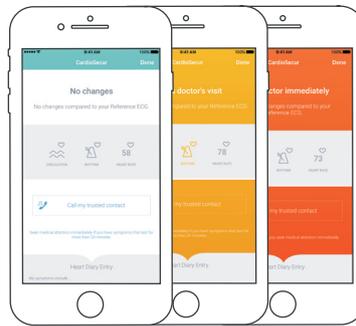
## Only 3 simple steps to obtain an ECG

1



Patient records an ECG

2



Within 20 seconds patient receives a recommendation to act

3

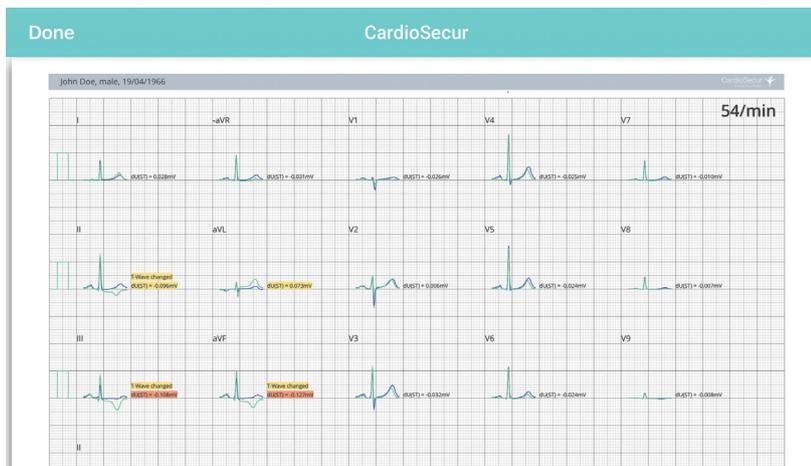


Automatically receive the patient ECG

# How it works

Thanks to CardioSecur Active's outstanding data quality and exceptional ease of use, physicians and patients can avoid **unnecessary appointments** and reach a **conclusive diagnosis** swiftly.

The system compares each ECG reading to a previously stored personal reference ECG to identify any changes. Based on this pre-evaluation, the patient receives immediate feedback on whether to see a doctor. As a doctor, you will optionally receive notifications on new ECGs. You can select which notification option you prefer. **Sophisticated ECG data** (12-lead ECG plus V7-V9) **is available to you at any time**.



## Notification Options:

All ECGs



Neutral ECGs



Yellow ECGs



Red ECGs



Your patient's ECG report



"The CardioSecur ECG reports provide me with all the information I need for the diagnosis and therapy of my patients. I can see the ECGs at any time, without the patient having to come to my practice each time."

Prof. Dr. Herbert Schuster, MD

# Flexible and affordable

In order to offer you all services in the best possible quality at all times, we offer you an attractive and monthly cancellable service model.

It includes the innovative CardioSecur technology, regular software updates, high-quality ECG algorithms, the permanent use of the integrated medical product platform, the flexible notification on new patient ECGs as well as the regular supply of consumable electrodes.

## CardioSecur includes:

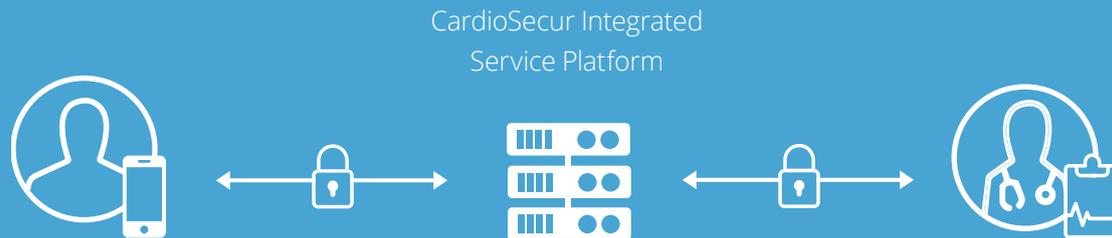
- ✓ Your ECG cable
- ✓ Unlimited ECG recordings
- ✓ Regularly new electrodes
- ✓ Doctor-patient connectivity
- ✓ Exportable ECG reports

## Technical details:

- ECG system: bipolar, measurements from 3 channels
- Recording: 15-lead resting ECG (I, II, III, aVR, aVL, aVF, V1-V6, V7-V9)
- Recording time: 10 seconds
- ECG memory: 1,000 ECG recordings per 1 GB memory
- Heart rate: 18 to 256 beats per minute
- Bandwidth: 0,05 to 40 Hz
- Sampling rate: 250 Hz / 500 Hz
- Optimized for iPhone and selected Android smartphones

# Exceptional Data Protection

As an approved class IIa medical device, CardioSecur complies with the highest data protection requirements of the new European General Data Protection Regulation (EU-GDPR). The CardioSecur Active App seamlessly transmits medical data to you as a physician through our proprietary Integrated Service Platform (ISP). Compliance with the EU-GDPR is certified in regular audits by an independent data protection officer.



CardioSecur takes the unique effort to mirror its German server with an equivalent proprietary server in Finland to ensure a continuously available platform service.

All CardioSecur data transfers use the highly secure SSL-encrypted HTTPS-protocol, which boasts an impressive 2048-bit encryption rate.



# CardioSecur

Knows Your Heart



CardioSecur is an innovation by Personal MedSystems GmbH.  
ISO 13485 certification by TÜV SÜD.



Personal MedSystems GmbH  
Wilhelm-Leuschner-Straße 41  
60329 Frankfurt am Main

+49 (0) 69 9072013 0  
info@cardiosecur.com

Available at:  
[www.cardiosecur.com](http://www.cardiosecur.com)

The CardioSecur Active app is available in the App Store and Google Play Store:



CardioSecur *Active*