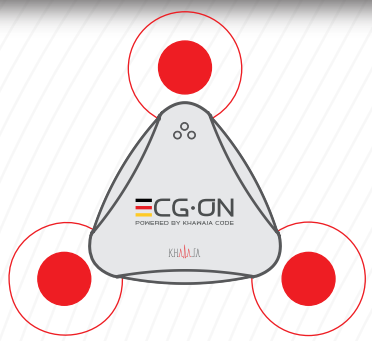
SERVICES @ KHAWAJA MEDICAL TECHNOLOGY



Services For Everyone

Diagnosis as a Service (DaaS) For Holter ECG

The pre-configured 3-Channel ECG.ON device is designed to offer Holter analysis services for any individual who requires it, and can be easily sent to them upon request.

By simply applying the ECG.ON device on their chest, individuals can benefit from up to 12 days[1] of continuous monitoring without worrying about recharging the battery.

Once the monitoring period is completed, the ECG.ON device will be returned for further evaluation and analysis.

The collected data from the device will then be securely uploaded to our cloud-based KhawajaCode Holter interpretation Software, ensuring efficient and reliable data storage.

Utilizing the advanced capabilities of our KhawajaCode Holter software, the uploaded data will undergo comprehensive analysis to extract valuable insights and identify any potential abnormalities or cardiac events.

To guarantee accurate and trustworthy results, experienced board-certified cardiologists will meticulously review the analyzed data and generate corresponding reports that summarize their findings.

These detailed reports[2] can be conveniently delivered either directly to the individual seeking analysis or forwarded to their supervising physician for further medical guidance and decision-making.

Services For Physicians

System as a Service (SyaaS) For Holter ECG

The 3-Channel ECG.ON device will be utilized on any individual who is seeking Holter analysis by their physician.

The ECG.ON device can be placed on the patient's chest for a duration of up to 12 days[1] without requiring a battery recharge.

Once the monitoring period is complete, the ECG.ON device will either be sent back to the supervising physician or dropped off at their designated location.

All recorded data from the ECG.ON device will be securely uploaded to a cloud-based platform known as KhawajaCode Holter interpretation Software.

The uploaded data will then undergo thorough analysis using the advanced algorithms and tools provided by the KhawajaCode Holter software.

Finally, the physician will carefully review and examine the analyzed results generated by the KhawajaCode Holter software and subsequently issue corresponding analysis result reports[2].

[1] Recording can be extended for up-to 60 days by recharing the battery and replacing electrodes as needed

[2] Two Reports would be provided, namely a Full-Scope Arrhythmia Diagnosis Report and ECG Full-Disclosure Report for the entire recording period

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Services For ECG Device Manufacturers

1. Software as a Service (SaaS)

Online digital ECG Interpretation is now accessible for ECG device manufacturers through our MDR-certified, robust and secure cloud-based KhawaJaCode Suite platform. This platform is able to analyse digital ECG signals from various sources such as resting ECG devices, stress ECG devices, real-time EGC devices or Holter (Long-Term) EGC devices.
For more comprehensive details, please refer to the relevant brochure of KhawaJaCode Suite.

2. Software, Algorithm and Medical Software Development

Over the span of more than two decades, we have acquired a wealth of profound knowledge and deep understanding.
Our extensive practical know-how in crafting software solutions, designing intricate algorithms, and developing exceptional medical software applications has been honed through dedicated efforts throughout this substantial period.
We provide a wide range of development services, which include:

- Medical software and algorithm development that is embedded in devices or systems.
- Development of medical software and algorithms for systems running on Windows, Mac OS X, and Linux.
- Developing medical software and algorithms for Android and iOS systems.
- Using cutting-edge techniques such as model-based design, we develop Advanced algorithms, such as machine learning, deep learning, and AI algorithms utilizing medical sensor signals.

We strictly comply with the European Medical Device Regulation (MDR), conform to the international standard ISO 13485 and diligently adhere to recognized standards like IEC 62304, ISO 14971, and IEC 62366. This ensures that our offerings consistently meet industry's top-quality benchmarks.
Do you have a new software idea or an additional function for one of your medical devices? Our process begins with effort estimation and requirements analysis. We thoroughly analyze your current situation, discuss your objectives, and explore various approaches to attaining them. Starting from the initial concept all the way through professional implementation and seamless integration - we provide continuous support and expert guidance at every step of the journey.

Medical Device Regulations
CERTIFIED

3. Project Management Services

Our project management team is dedicated to fulfilling your needs, starting from the early research and development stage all the way through qualification and product launch. We prioritize constant coordination with our customers while emphasizing cost, time, and quality as essential aspects that will remain top priorities throughout every step of the process.

4. Quality Management Services

We provide a range of services, which include:

- Perform a gap analysis on existing Medical Device Directive (MDD) to fulfill the requirements of the new Medical Device Regulation (MDR).
- Revise the existing quality management system in order to ensure compliance with MDR.
- Reasearch of essential requirements and standards
- Technical documentation creation and conducting reviews for pre-existing documents.
- We provide assistance in the fields of quality management system (ISO 13485), risk management (ISO 14971), software development process (IEC 62304), and usability (IEC 62366)
- Interacting with notified bodies.

Services For Pharmaceutical Industry and Research Centers

At our organization, we offer a range of services aimed at monitoring and assessing the heart health of individuals, such as cardiac monitoring, ECG interpretation, Centralized ECG Services, drug safety assessments, QT Interval Assessment, thorough QT Studies, Torsades de Pointes Risk Assessment, Telemedicine consultations and Clinical trials support.
By leveraging our exceptional services, state-of-the-art technology, and adept professionals, we ensure the utmost level of patient cardiac safety while optimizing our customers' operations.

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