



WHALETEQ

Company Profile and Introduction

About WhaleTeq

Leading ECG testing and providing test solutions/equipment to medical devices

The industry's first
test solution complies with
ECG International Standards



The industry's first
test solution to
Health Wearable Devices



The industry's first solution to
AED After-sales Maintenance



The industry's first solution to
UDI Label Management



Verify and validate your product design with ease

More than 700 clients from 36 countries adopt the WhaleTeq test solutions

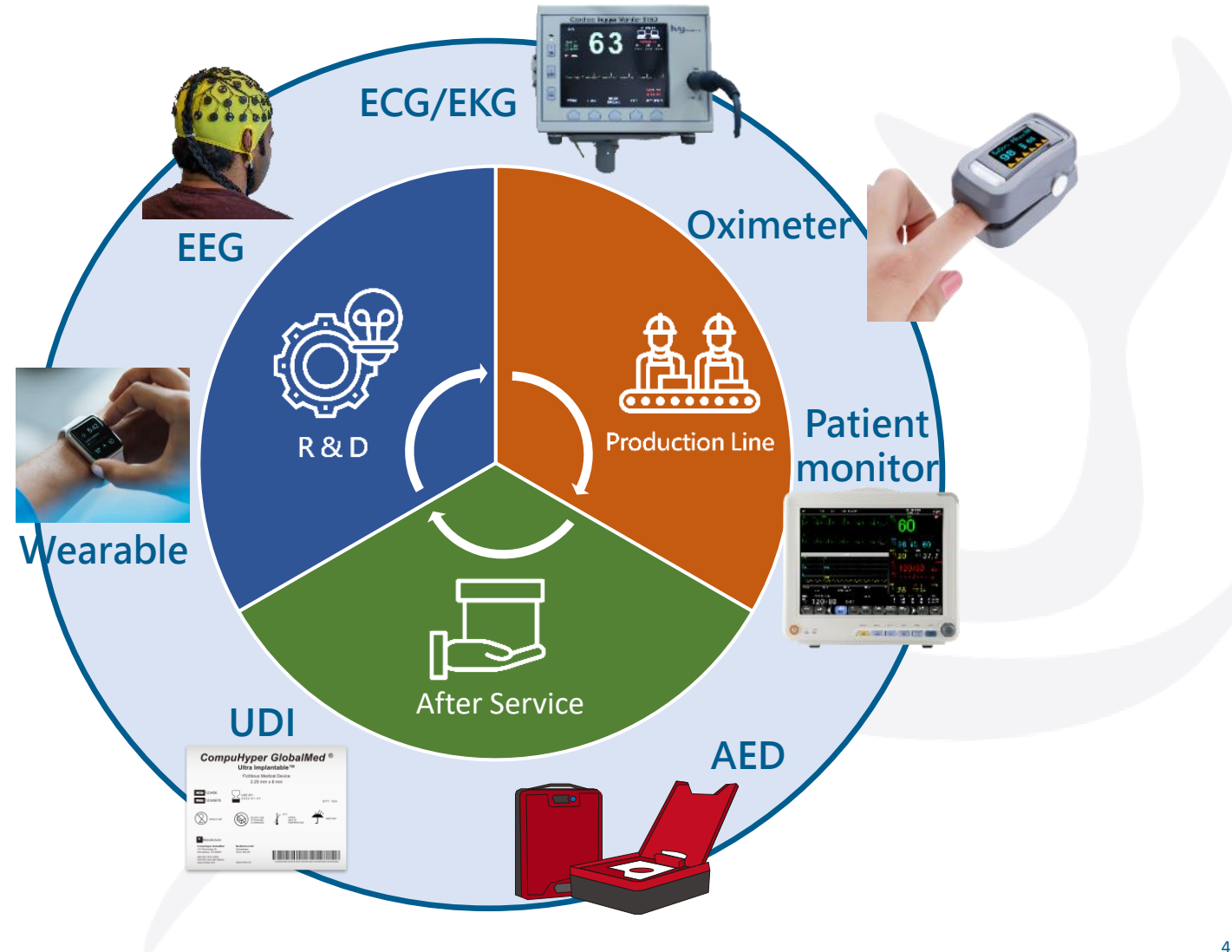


Applications in Medical Device Life Cycle



R & D

- **Medical standards** embedded
- **Raw data playback** supported
- **SDK** provided



Product Overview

Comprehensive Test Solutions to Medical Device Life Cycle

ECG/EKG Testing

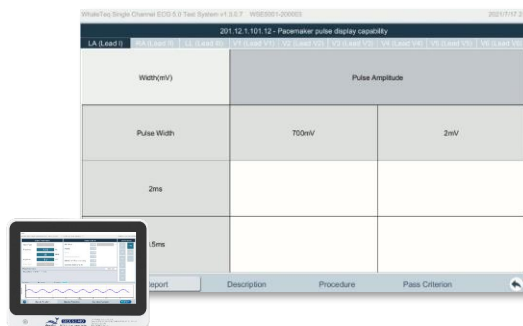
Performance Testing



SECG 5.0 AIO

- The standalone ECG simulator with built-in test circuits per defined in ECG standards
- The state-of-the-art testing solution integrates multiple vital signs testing functions

[More Info](#)



SECG 5.0 AIO Standard Assistant Software

- Complies with IEC 60601-2-25, IEC 60601-2-27, and IEC 60601-2-47
- Simply clicks to start testing

[More Info](#)



Production Line

SECG 4.0

- The compact ECG simulator with full testing functions
- Lightweight design empowers flexible mobility on setting up wherever needed
- SDK – automated testing available

[More Info](#)

Algorithm Testing



- **The ECG database player** supports multilead ECG devices
- Applicable for multiple format databases

More Info



- The ECG medical database **comparison software** with built-in reference values
- Analyzes test results to improve algorithms
- Complies with IEC 60601-2-47

More Info



- The ECG medical database comparison software with built-in reference values
- Analyzes test results to improve algorithms
- Complies with IEC 60601-2-25

More Info

ECG/EKG Testing

CMRR Testing



R & D



Compliance

CMRR 3.0+

- The **Common Mode Rejection Ratio** tester avoids mains frequency noise interference
- Saves time on setting up a noise-free test environment
- Increases CMRR measurement range up to 120 dB
- SDK – automated testing available

More Info

Health Wearable Test Solutions

ECG and PPG



AECG100

- The innovative multifunction simulator generates ECG and PPG signals simultaneously
- Adjustable PWTT parameters test blood pressure function
- Complies with IEC 60601-2-47

[More Info](#)



Production Line

WECG400

COMING

SOON!

- The ECG simulator tests up to 4 wearables simultaneously to improve productivity
- SDK – automated testing available

Health Wearable Test Solutions

PPG



HRS200

- **The PPG simulator** verifies heart rate function exclusively
- Raw data playback available

[More Info](#)



HRS100+

- **The PPG simulator** verifies heart rate function exclusively
- SDK – automated testing available

[More Info](#)

Oximeter Device Test Solutions



Reflectance SpO₂ Tester
(PPG-2R-880/940)

- The reflectance and transmittance SpO₂ modules work with the AECG100 simulator to verify PPG, PWTT, and SpO₂ functions
- Customized R curves available for SpO₂ monitors
- Adjustable AC, DC, and PI values of red and infrared LEDs

[More Info](#)



Transmittance SpO₂ Tester
(PPG-2TF-660)

[More Info](#)



R & D



Compliance



EEG Testing



R & D



Compliance

SEEG 100E

- The EEG simulator complies with the latest EEG standard IEC 80601-2-26:2019
- Raw data playback available
- SDK – automated testing available

[More Info](#)



R & D



Compliance

CMRR 3.0E

- The Common Mode Rejection Ratio tester complies with IEC 80601-2-26:2019
- Increases CMRR measurement range up to 120 dB
- SDK – automated testing available

[More Info](#)

Defibrillator / AED Tester



R & D



Compliance

COMING

SOON!

DFS700

- Fully developed defibrillator / AED testing functions
- IEC 60601-2-4 assistant software
- SDK – automated testing available

More Info



Production Line

DFS360 / DFS360D

- The integrated defibrillator / AED production line tester
- Provides shock waveform raw data
- Fast test speed
- SDK – automated testing available

More Info



After Service

DFS200 & APP

- The handheld tester for on-site maintenance tests
- Tests include defibrillation energy, waveform, and lithium battery

More Info



After Service

AIMS

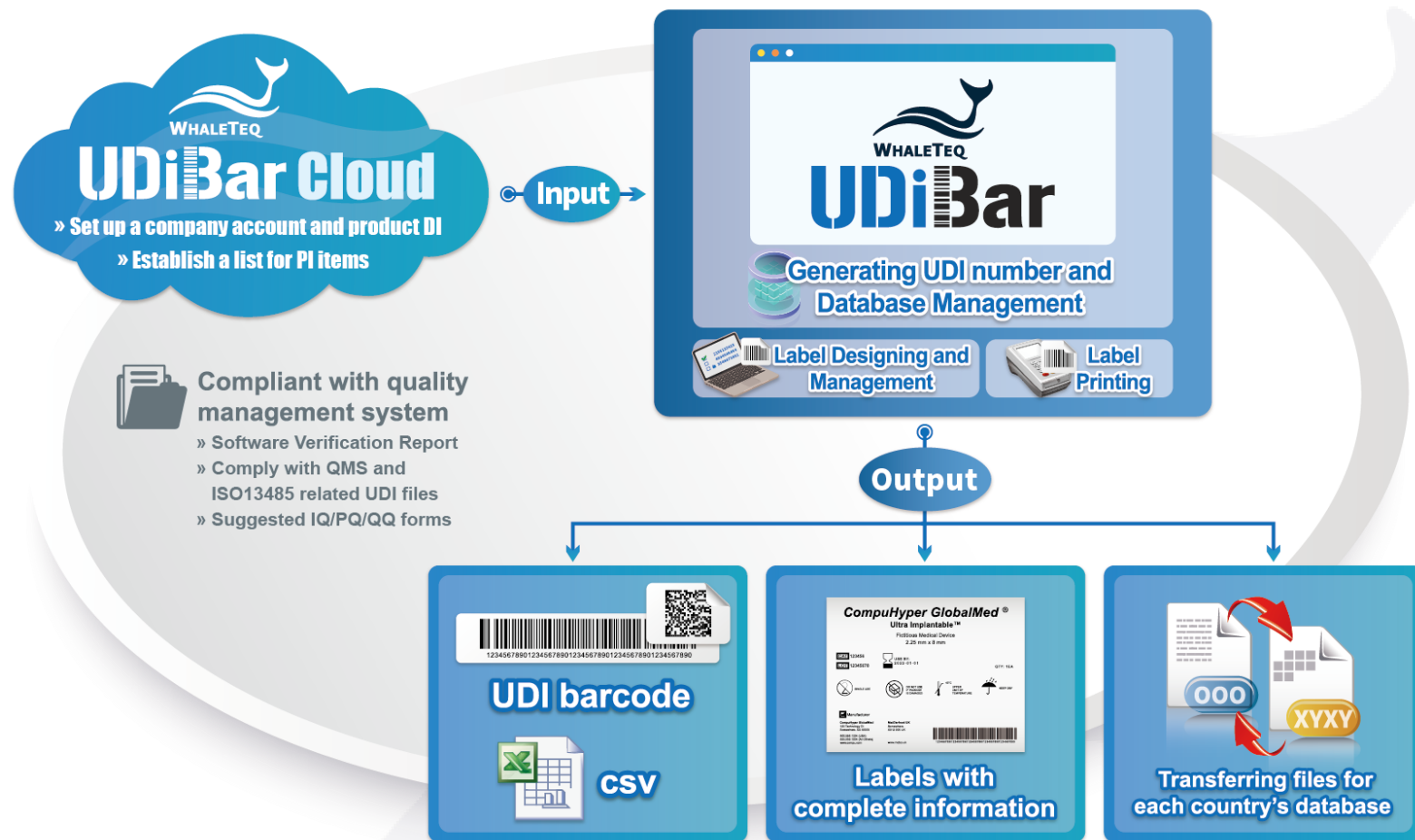
- Cloud-based AED management system
- Dispatching management
- Records AED usage history
- Automatic reminder setting

UDI Generator and Label Management System

UDiBar

- The all-in-one UDI management tool
- Rapidly establishes UDI management system to comply with ISO 13485
- Automatically generates UDI numbers
- Tracks and manages UDI barcodes/labels

[More Info](#)





Verify and Validate Your Product Design with Ease



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