

## About Kontron – Member of the S&T Group

Kontron is a global leader in IoT/Embedded Computing Technology (ECT). As a part of technology group S&T, Kontron, together with its sister company S&T Technologies, offers a combined portfolio of secure hardware, middleware and services for Internet of Things (IoT) and Industry 4.0 applications. With its standard products and tailor-made solutions based on highly reliable state-of-the-art embedded technologies, Kontron provides secure and innovative applications for a variety of industries. As a result, customers benefit from accelerated time-to-market, reduced total cost of ownership, product longevity and the best fully integrated applications overall.

For more information, please visit: [www.kontron.com](http://www.kontron.com)

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# MEDICAL DEVICES FOR MOBILE HEALTH

From the Idea to the finished Product



# DEVELOPMENT PARTNER FOR Patient Monitoring & Mobile Health Solutions



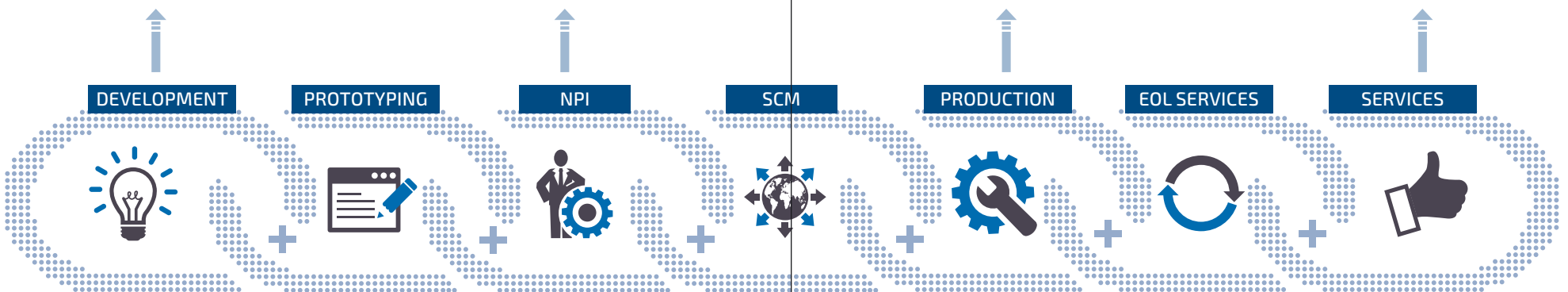
In healthcare and medical technology, mobile electronic devices offer a wide range of applications and ever broader potential. Under everyday conditions and with no undue loss of comfort, these devices record vital parameters, analyze them and make them available to medical personnel for diagnosis - no matter whether the patient is at home or at a medical or therapeutic facility.

With its broad experience in the field of high-grade wearables and mobile devices, Kontron works closely with its customers to develop and manufacture innovative medical devices, wearables and portables, and to ensure secure connectivity for these products.



- ▶ Concept
- ▶ Feasibility
- ▶ Development- Hardware- Software- Mechanics
- ▶ Support
- ▶ Validation & Certification

- ▶ Data Preparation
- ▶ Process Development
- ▶ Testing- Development- Equipment
- ▶ BOM Analysis & Optimization



- ▶ Manufacturing of Prototype
- ▶ Product Optimization
- ▶ DFM & DFT

- ▶ Global Procurement
- ▶ Storage and Logistic Concept
- ▶ Worldwide shipping

- ▶ Life Cycle Management
- ▶ PCN, PDN
- ▶ Repair
- ▶ Storage of LCM Components



## Y-BAND

- ▶ Therapy system and virtual trainer for the treatment of arm and hand function due to hemiparesis after a stroke or traumatic brain injury



## PATIENT MONITOR

- ▶ Monitor real-time vital signs
- ▶ Connected to hospital systems & patient information



## BIOVOTION

- ▶ Clinical grade vital sign data
- ▶ Medical & health monitoring



## 2PCS

- ▶ Alerting and locating system for duties and professional care
- ▶ Safety watch with integrated GSM, tracking and alarm trigger



## TEXIBLE

- ▶ Wet detection of bed inserts for incontinence patients
- ▶ Reduced care expenditure through automated detection and alarm system



## CUBILE

- ▶ 24/7 heart and lung vital data monitoring, including movement and bed exit information
- ▶ Invisible, touchless and integrated in-bed monitoring

- ▶ Assembling SMT, THT
- ▶ Device Assembly
- ▶ Inspection
- ▶ Testing Functional Test, ICT, etc

- ▶ Industry-leading
- ▶ Climate and Stress test
- ▶ Transfer Management