TUOMI

MOBILE AND CLOUD APPLICATION DEVELOPMENT
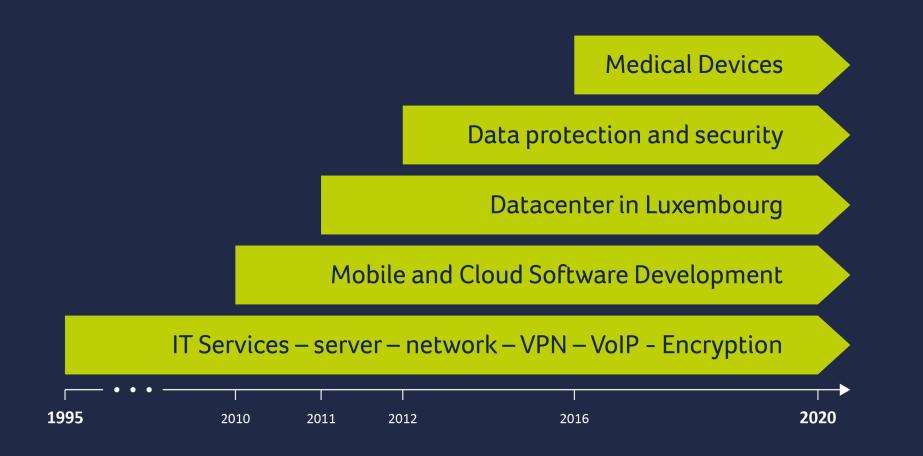
tuomi

25 years TUOMI

Medical Devices

Data protection and security

Datacenter in Luxembourg

Mobile and Cloud Software Development

IT Services – server – network – VPN – VoIP - Encryption

1995   2010   2011   2012   2016   **2020**

www.tuomi.eu

tuomı

TUOMI software development and consulting

2010
decision to invest in software development in the field of NFC applications

2011
Galaxy on Ice with Samsung, Frankfurt

2012 – 2013
EU Project recodura green access funded by EU ECO Innovation

Since 2012
Various local authorities in Germany deploy GPS tracking from TUOMI in partnership with Maxtech Oulu

December 2013
Deployment of NFC technology for the Austrian ÖBB rail network

2014 - 2016
Project for Bayer HealthCare, Switzerland and Guardian in Singapore

2014 March
Deployment of NFC technology for the Stadtmuseum Simeonstift, Trier, Germany

2014 January – November
Access control and NFC consulting project for DOM Sicherheitstechnik (securidev)

2015
Award Top Innovator together with Top-Label

2015 December
book with article about tuomi innovations

Since 2016 August
Projekt mHealth mit SciPharm, Control and monitoring IIP

2015 - 2016
NFC - Multimedia Guides:
- Schleswig Holstein State Museum Foundation Schloss Gottdorf
- Maritime Museum in Kotka Finnland

Since 2017
NFC-Finder by SiNNUP Onetouchlabel and other NFC applications online

Since 2018
NFC - Multimedia Guides:
- Hoffmann Akademie für junge Forscher Gießen,
- Schiffahrtsmuseum Mainz
- Pfalzmuseum Bad Dürkheim

Since 2019
- Digital Fair Assitant PAV Card / f-mp
- CityGuide Saalfeld and Neuwied
- Bitburger Braugruppe VKF 10+1
- Multimedia Guide Brockenhaus
- Take2ei progressive WebApp

Starting February 2020
ISO Certiification process with TÜV Süd for ISO 13485 of soft- und hardware development
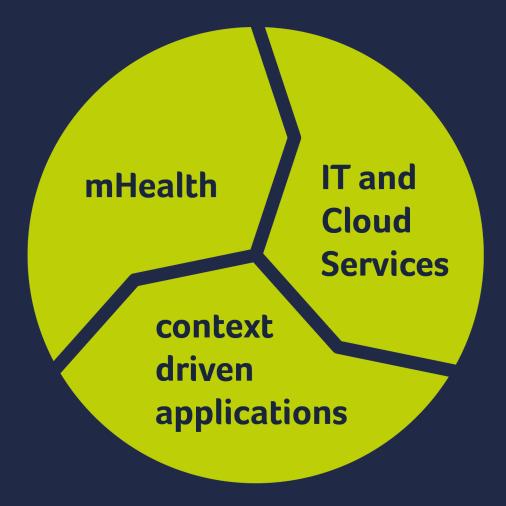
www.tuomi.eu
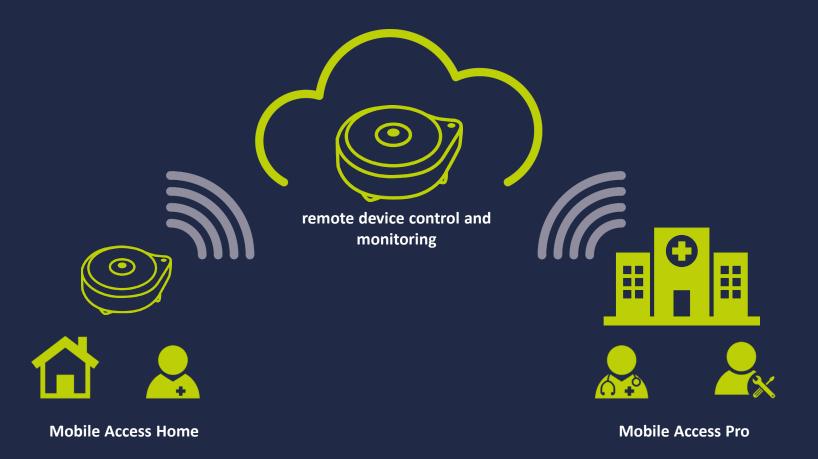
TUOMI business portfolio

mHealth

IT and Cloud Services
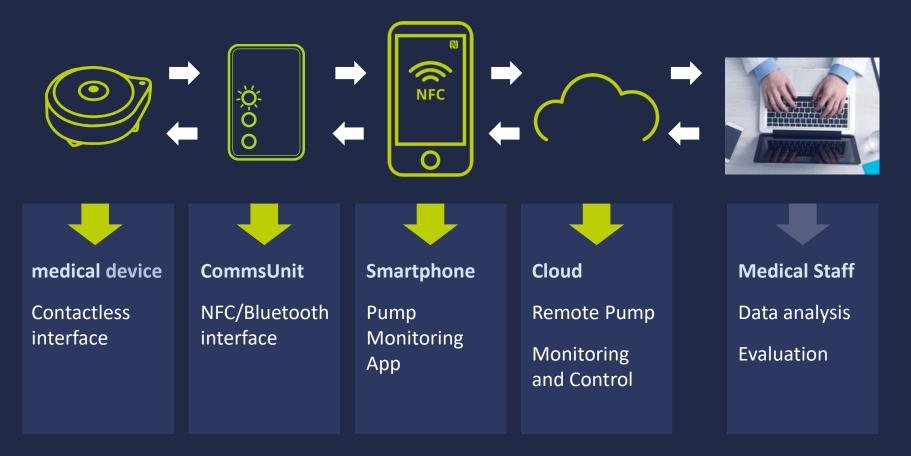
context driven applications

tuomı

mHealth

APPLICATION MANAGEMENT PLATFORM

tuomi

Control and Monitoring Platform

remote device control and
monitoring

Mobile Access Home

Mobile Access Pro

www.tuomi.eu

tuomi

Control Platform

medical device

Contactless interface

CommsUnit

NFC/Bluetooth interface

Smartphone

Pump Monitoring App

Cloud

Remote Pump

Monitoring and Control

Medical Staff

Data analysis

Evaluation

www.tuomi.eu

tuomi

Monitoring Platform

Patient
Monitoring through mHealth Devices & Self Report

Smartphone

medical device Monitoring App

Cloud

medical device Monitoring

Medical Staff

Data analysis Evaluation

www.tuomi.eu
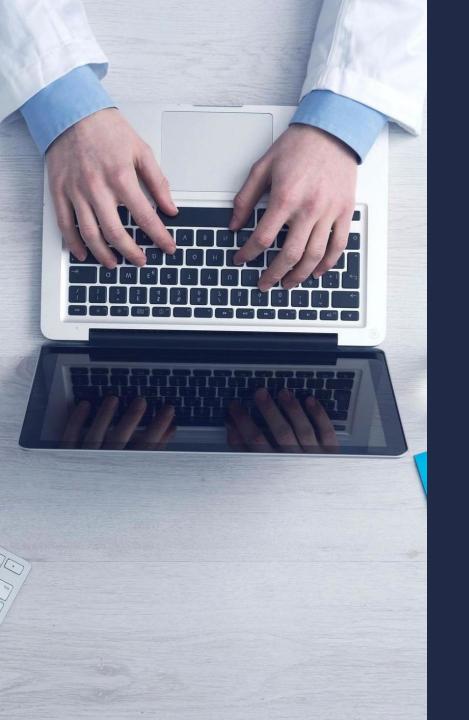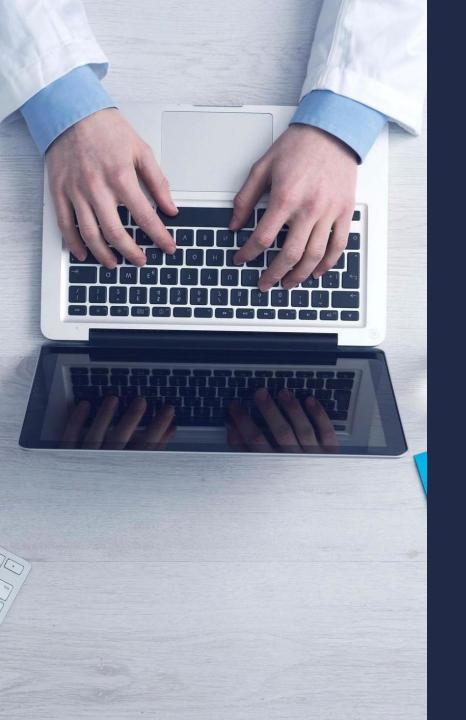
tuomi

Cloud Solution

1. **More comfort through Remote Control**
    Physician can read and program the
    implantable and external devices at
    anytime and anyplace

2. **Enhancement through Remote Patient
    Monitoring**
    Capturing of other health related
    parameters through mHealth devices &
    self report

3. **Improvement of therapy quality**
    Reliable and continuous patient &
    device monitoring

tuomı

Cloud Solution

4. **Increased safety**
   Fast notification and response in emergency situations

5. **Increased user friendliness**
   Simplified display and more efficient operation

6. **Data protection**
   Secure transmission and storage of patient data

tuomi

Quality Systems and Certifications

OUR QUALITY STANDARD

- European Medical Device Regulation (MDR)

- ISO 13485 (for hardware & software)

- GDPR

tuomi

What we are looking for

- IOT for monitoring or control of patients

- based face recognition methods for patient monitoring

tuomi

What we are offering

1. **Proof of concept**

2. **Design and Development**
   - Privacy by design
   - Security by design

3. **Prototyping and Testing**

4. **Consulting and realization certification**
   - ISO 13485
   - EU – Medical Device Regulation

tuomi

tuomi S.A.
7, Fausermillen
6689 Mertert
Luxembourg

mail@tuomi.eu
www.tuomi.eu