

Estonia - Netherlands - Canada - Sri Lanka



Estonia: Head Office
ExcelTech OÜ, Tallinn



Ontario: Eng. Office
E-Textiles & Wearables



High Tech Campus
Hightech Campus, Eindhoven
The Netherlands



Sri Lankan Dev. Center
Colombo

Liaison Partner Network



Czeche Republic
SunFibre Inc.



Switzerland
HealthSeed, Zurich



Built Right
Delivered Right



www.exceltch.com





CONTRACT DEVELOPMENT
ESTONIA / NETHERLANDS / SRI LANKA
exceltch.com



FOOT ULCER PREVENTION
NETHERLANDS
diabsense.com



TRANSFORMER & POWER CONVERTERS
UK / GERMANY / SRI LANKA
<https://www.bk-magnetics.co.uk/>



EXCEL
GROUP



MEDTECHORBIT
MEDTECH DEVELOPMENT
NETHERLANDS
medtechorbit.com



SWINGFLUX
SPORT BIOMECHANICS
NETHERLANDS
swingflux.com

ABOUT US



Your Product Is in Safe Hands



Idea, IP
& Market



Rapid
Prototyping



Product
Engineering



Clinical &
Certification



Launch
& Scale

18 +

Senior
Engineers

50 +

End-to-End
dev. team

20 +

Long term
customers

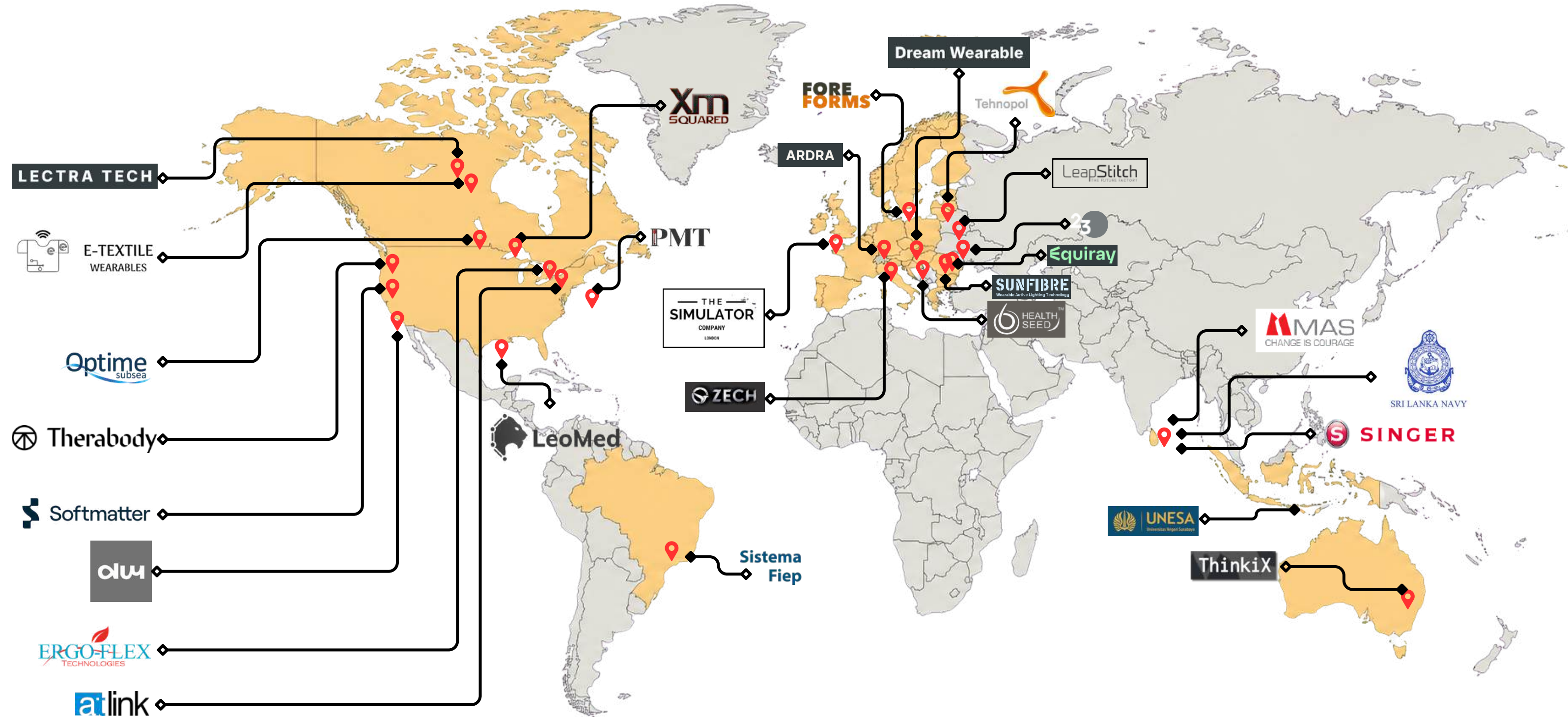
25 +

Success Stories
annually

Our clients focus on their vision—while we take care of execution



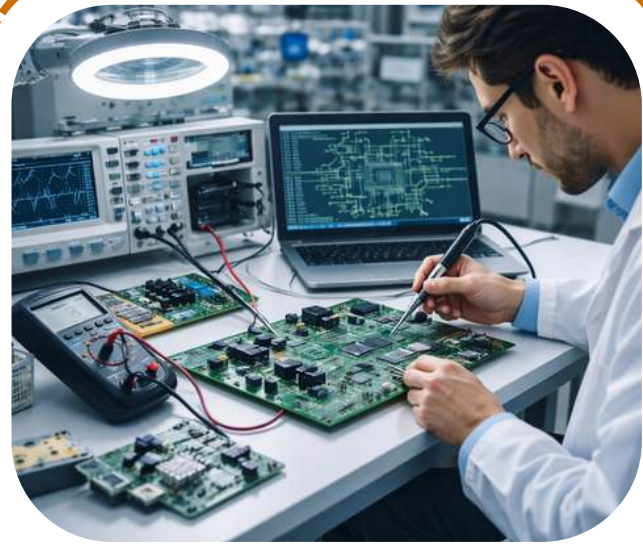
OUR CUSTOMER BASE



INTERNATIONAL COLLABORATIONS



OUR SERVICES



Electronic Product Development

Idea to Bulk



Web & Mobile App Development

For Connected Hardware



Certification & Reliability testing as a service

The Full Package



Smart Garment Integration

Idea and Bulk



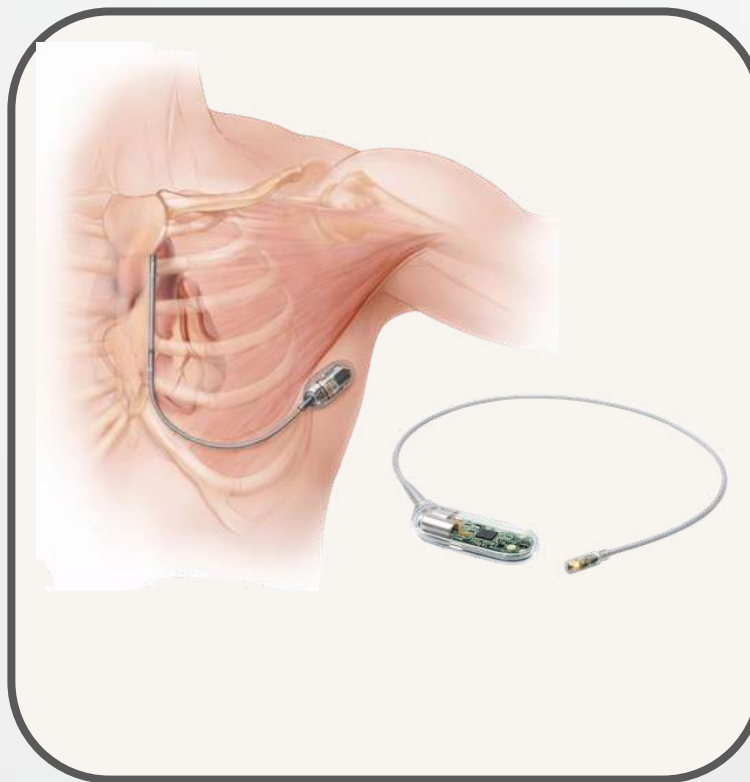
Electronic Bulk Production

SMT / Box Build / Wire Harness

PORTFOLIO - TURNKEY PROJECTS

Key Highlights

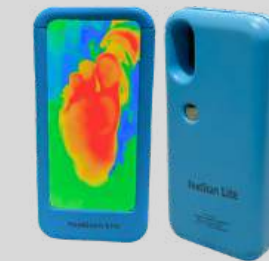
Implantable Heart Sensor



SwingFlux Tennis Biomechanics



DiabSense Diabetic Feet Characterization



FootScan Lite
Consumer-grade, wellness
device for foot monitoring



FootScan Home
Home device - custom
product with FDA



FootScan Pro V2
Advanced Clinical-grade
custom-build device

PORTFOLIO - TURNKEY PROJECTS

On-Going - Germany and Czech Republic

Medical / Consumer / Marine / Mining Electronic products under development



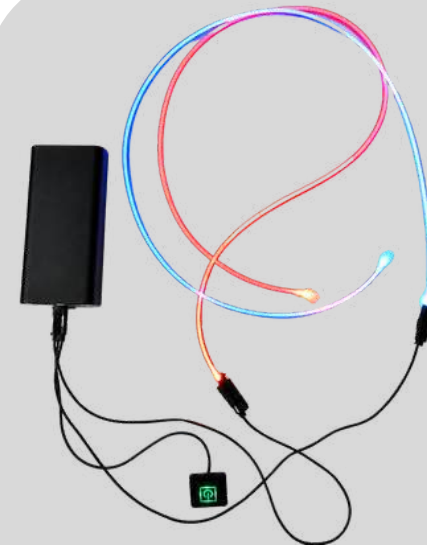
**IP68 battery module
for high-reliability
applications**



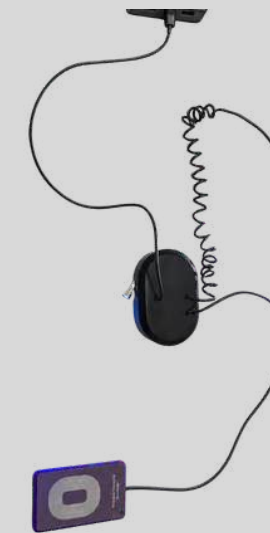
**Custom Battery
Charger**



**Illuminated Safety
Jacket**



**USB C LED Controller
for Light Guides**



**Illuminated Rescue
Rope Controller**

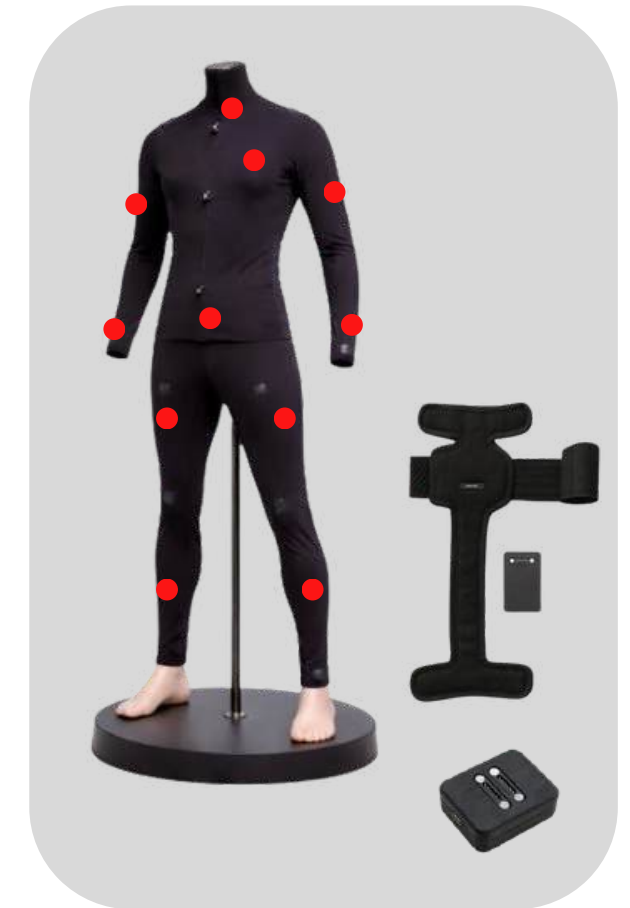
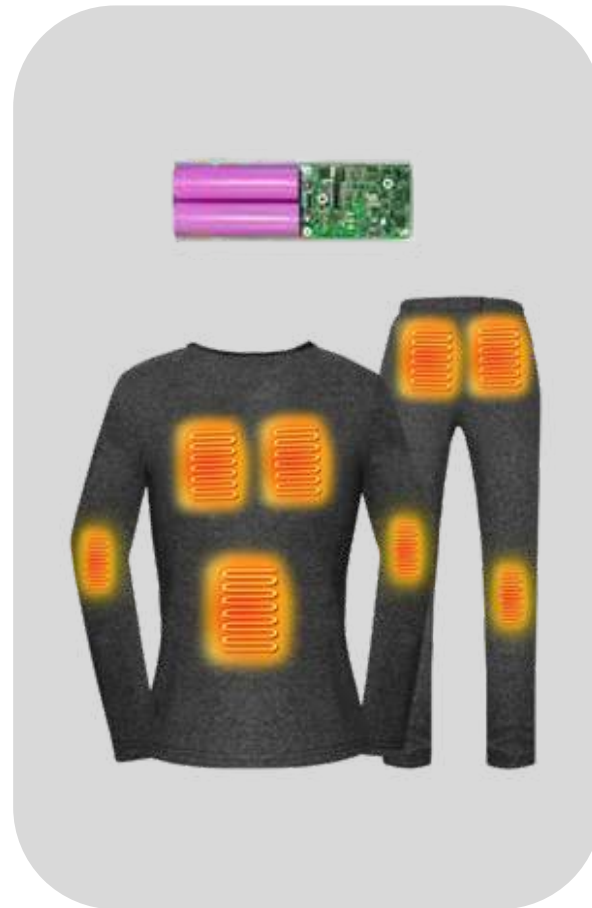


**Medical grade ECG
signal
Characterization**

PORTFOLIO - TURNKEY PROJECTS

Smart Garment & E-Textiles

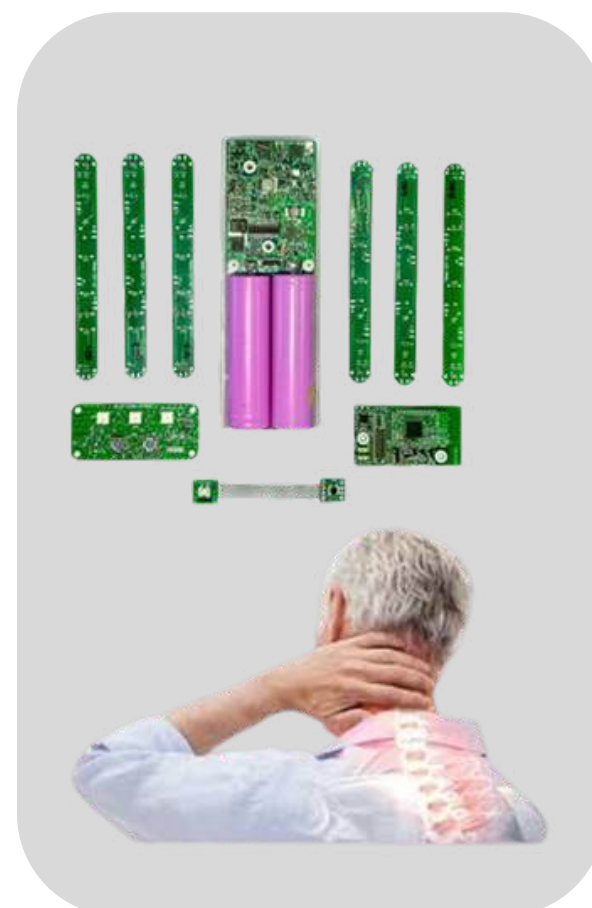
Smart garments with electronic integration, including in-house bulk manufacturing facility.



PORTFOLIO - TURNKEY PROJECTS

MEDTECH DEVICES - FDA Class II

A number of custom medical electronic products including heat/light therapy controllers, chiropractor chair controllers, fetal monitoring devices, etc..



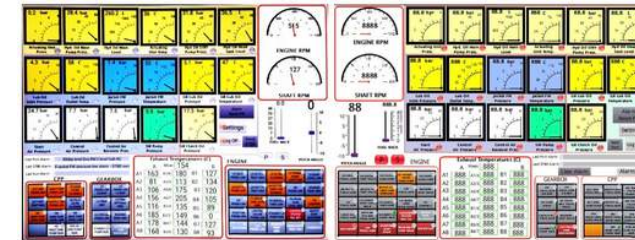
PORTFOLIO - IOT AND MONITORING

Industrial Sensing / Machine Monitoring / IoT

Factory / Machine / Marine sensors, Monitoring and IoT projects for Industrial and Marine environments



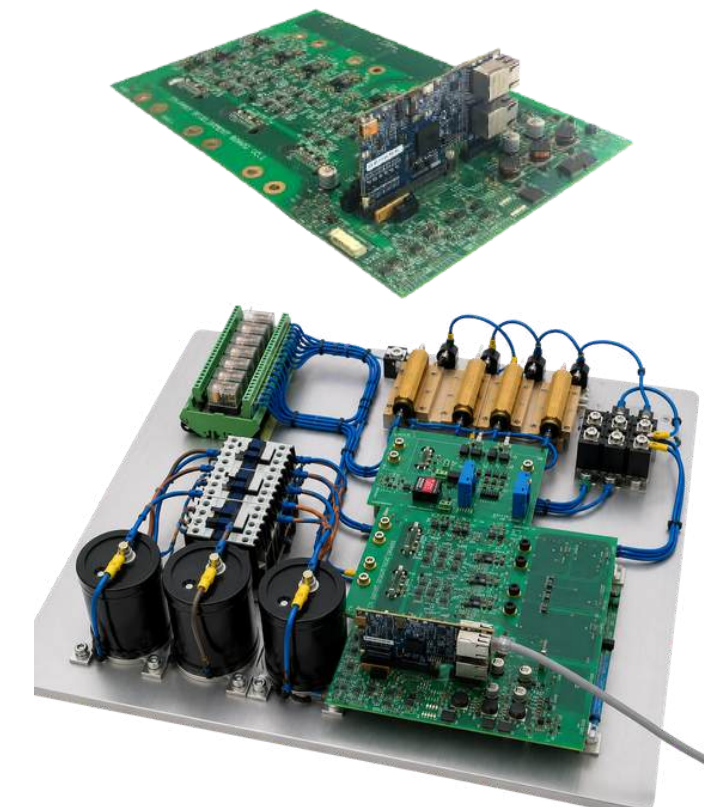
Factory IoT



Marine Control



Industrial Sensing



Subsea PMSM
motor control

OUT FACILITIES

E-Textile Bulk Production

Smart garment mini-bulk and bulk production line with ISO9001 and ISO13485-based production standards.



Electronic SMT Line

In-house SMT line for electronic bulk production



Tooling & Pre-Certification

Pre-certification services for electronic products (CE, UL, FCC, IP rating, ESD, EMI, Reliability testing, environment testing, vibration testing etc..)



INTELECTUAL PROPERTY / PLATFORM TECH

Patents Owned by ExcelTech

DiabSense - Novel Foot Ulcer Detection using thermal imaging. Patent filed globally

SwingFlux - Novel method of sports biomechanics data capturing of swing sports. Patent filed in Netherlands

Conductive Pathways - Novel conductive pathway for washable e-textiles. Patent filled in Netherlands

Provisional patents - Two additional platform tech (in sensing and biomechanics) in provisional patent stage

Our Own Products being Developed for Global Launch



A revolutionary ne product being developed for foot ulcer early detection
Internal valuation: 10 Million USD



Swing sports biomechanic analysis product being developed
Internal valuation: 1.5 Million USD

Platform Tech developed and owned by ExcelTech

IMU based motion capturing Platform for e-textiles

Conductive pathways for e-textiles (patented)

Dry electrodes for medical ECG / EEG

IR LED Therapy for medical products (recovery)

Medical Thermal Imaging - hardware and AI algorithms

Sports injury prevention using biomechanical data capture



EXCELTECH

Your Partner in Product Development

THANK YOU FOR YOUR TIME!

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