

screenotec

YOUR PARTNER IN
MANUFACTURING SOLUTIONS

ABOUT SCREENTEC



COMPANY

Located in Oulu, Finland
Established in 1989



FINANCIAL

Privately owned
2022 revenue 3,4 MEUR.



PERSONNEL

Ca. 60 employees
International team of highly skilled professionals



Nordic option Oy

- Venture Capital Fund, holds ~80% of Screentec Invest Oy

Screentec Invest Oy

- Holding and Financing operations, holds 100% of Screentec Oy

Screentec Oy

- Operations and Manufacturing

CAPABILITIES



Concepting



Product design



Manufacturability design



Product development



Prototypes



Verification

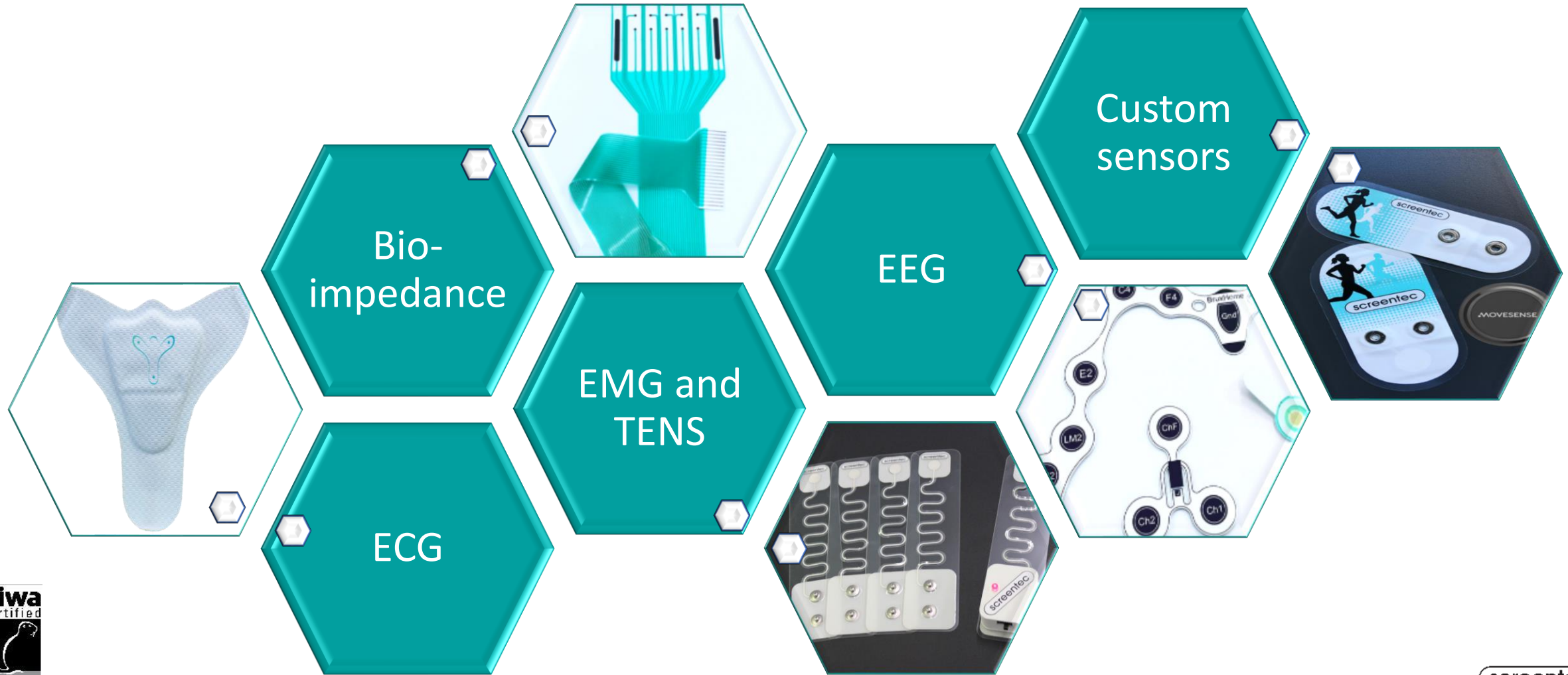


Test series and low volume production

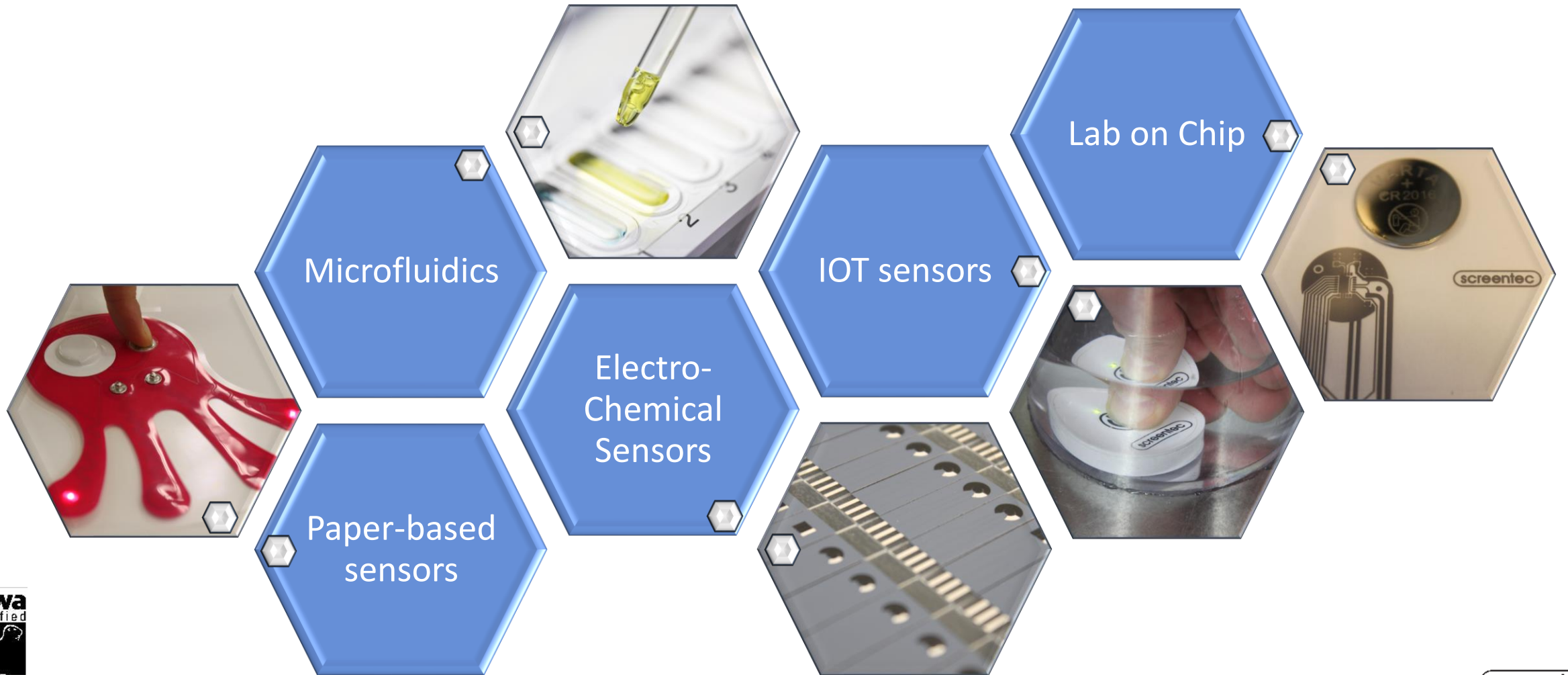


High volume production

WEARABLE AND MEDICAL ELECTRODES



DIAGNOSTICS AND SENSORS



DURABLE USER INTERFACES

-40°C to
100°C



Style and
looks

For heavy
duty use



Absolute
reliability

Extreme
wear
resistance



ELECTRODE MATERIALS

- Substrates:
 - TPU, PET, Fabrics
 - Several colours available
- Adhesives:
 - Long and short wear-time, re-applicable
- Connection:
 - CRIMP, Snap-buttons, ZIF
- Liners:
 - Easy to use/apply designs




IN-HOUSE PROCESSES

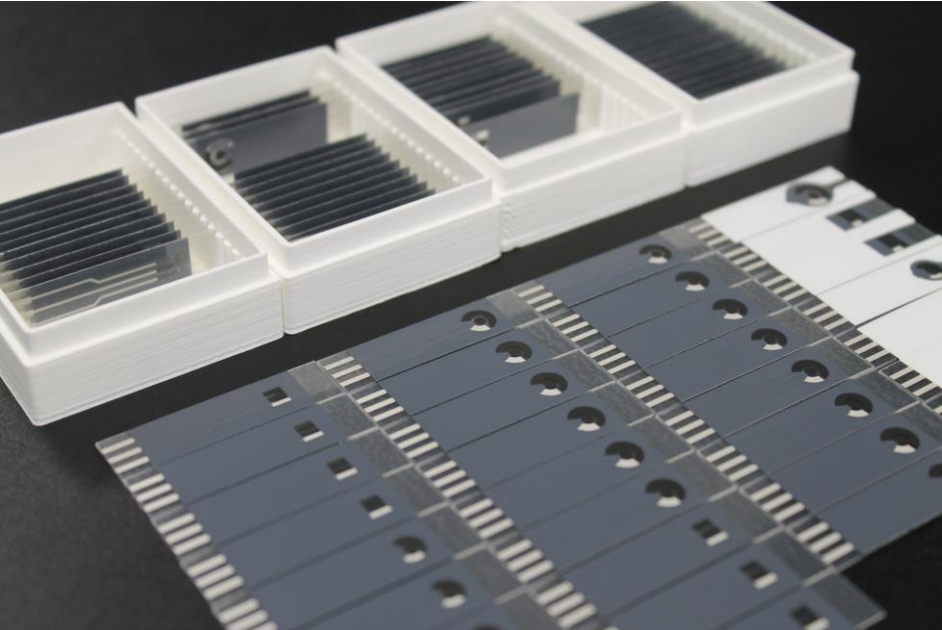
- Flat bed screen printing
 - Heat and UV-curing
 - Lamination (cold and heat)
 - Mechanical cutting
 - Laser cutting
 - Dispensing
 - Mechanical parts
 - Assembly
 - Cleanroom
- Sheet and R2R processes
 - Sheet and R2R processes
 - Sheet and R2R processes
 - Sheet and R2R processes
 - Sheet and R2R processes
 - Manual and automated sheet processes
 - 3D Printing
 - Electrical components, mechanical parts, connectors, final product assembly and testing
 - ISO 7

RAPID SCALE-UP FROM SHEET TO R2R

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Rapid Diagnostic Devices and Sensors



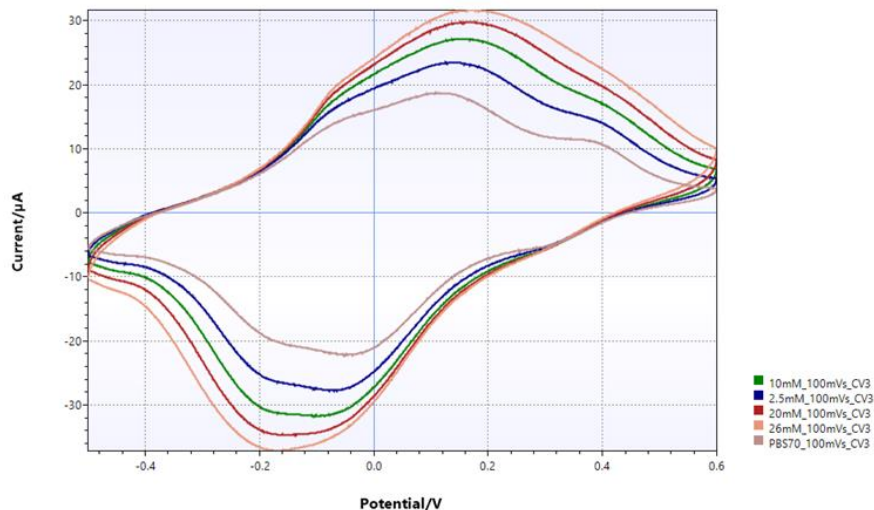
Electrochemical sensors

Development of integrated sensors

- Electrode design, materials
- Microfluidics
- Bioactivation of surfaces
- Electrochemical measurements

High-volume, Roll-to-Roll manufacturing of affordable, reliable sensors

Lactate sensor



QUALITY MANAGEMENT

- ISO 13485 & 9001 certified
- Quality management is essential for the success of any medical device
- Our QM system makes us:
 - Constantly improve our processes
 - Produce constant and reliable results
 - Support clients with documentation and process validations



Inspecta Sertifiointi Oy

COMPETITIVE ADVANTAGE BY CUSTOMER SEGMENT



MEDICAL DEVICES

- ✓ Extensive know-how on Materials, Process and Product Lifecycle
- ✓ Ability to integrate various technologies into one product

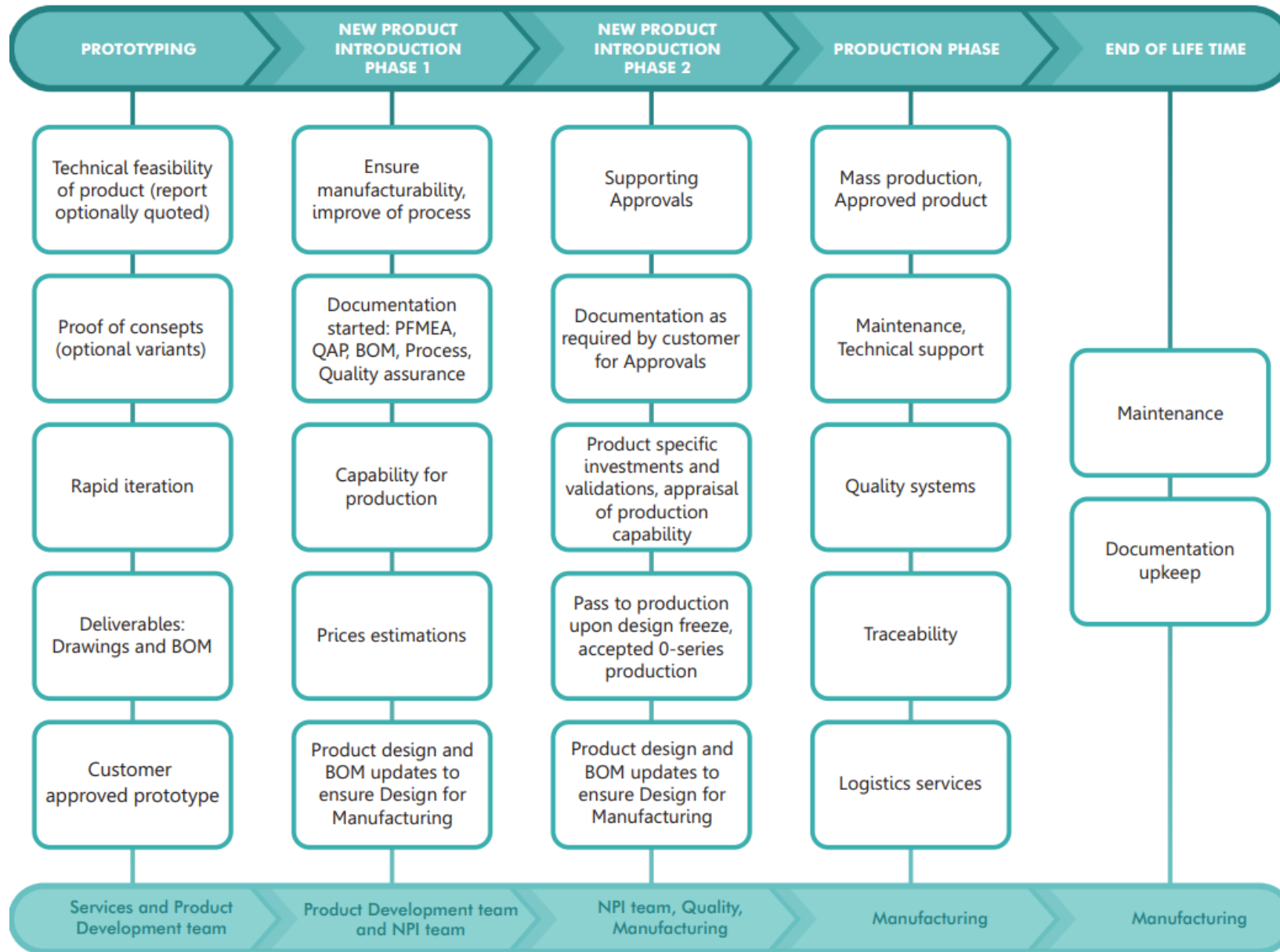
DIAGNOSTICS

- ✓ Expertise in microfluids
- ✓ Expertise in chemistry
- ✓ Expertise in microfluidic structures

CONSULTATION AND PRODUCTIZATION

- ✓ Design and production know-how of multi-technical health technology systems
- ✓ Utilization of data
- ✓ A wide collaboration network from VTT to various other industry companies to support in any R&D related tasks
- ✓ Strong expertise in new product introduction (NPI)

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WHY TO WORK WITH SCREENTEC

- We want you to succeed
- Vertical integration; all manufacturing steps in-house
- Fast and Flexible production
- Economical costs
- Extensive material library
- From product idea to mass manufacturing
- Full scale manufacturing capability of your product in accordance with ISO 13485 and 9001 standards



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