



screenotec

**YOUR PARTNER IN
MANUFACTURING SOLUTIONS**

Printed electronics for a healthier tomorrow.

About Screentec Oy

- Our Partners/Network



+ Many more
Universities across
Europe!

- Founded in 1989, in Oulu
- Turnover: €2,1 Million (2018)
- Employees: 30+
- ISO 13485 certified
- Roll 2 Roll Production Facilities



Centre for Economic Development,
Transport and the Environment

Our services



User Interfaces

- Durable keyboards for harsh environments
- Piezoelectric solutions
- Many industries including: Automotive, Medical, Professional kitchens, Security Systems.



Medical Electrodes

- ECG, EEG, EMG, Bioimpedance, etc.
- Custom made per customer specifications.
- Sensors for Wearables



Productization

- Adapting prototypes for mass manufacture.
- Designing production processes.
- Turn key production solutions.

User Interfaces

Over 25 years of Experience

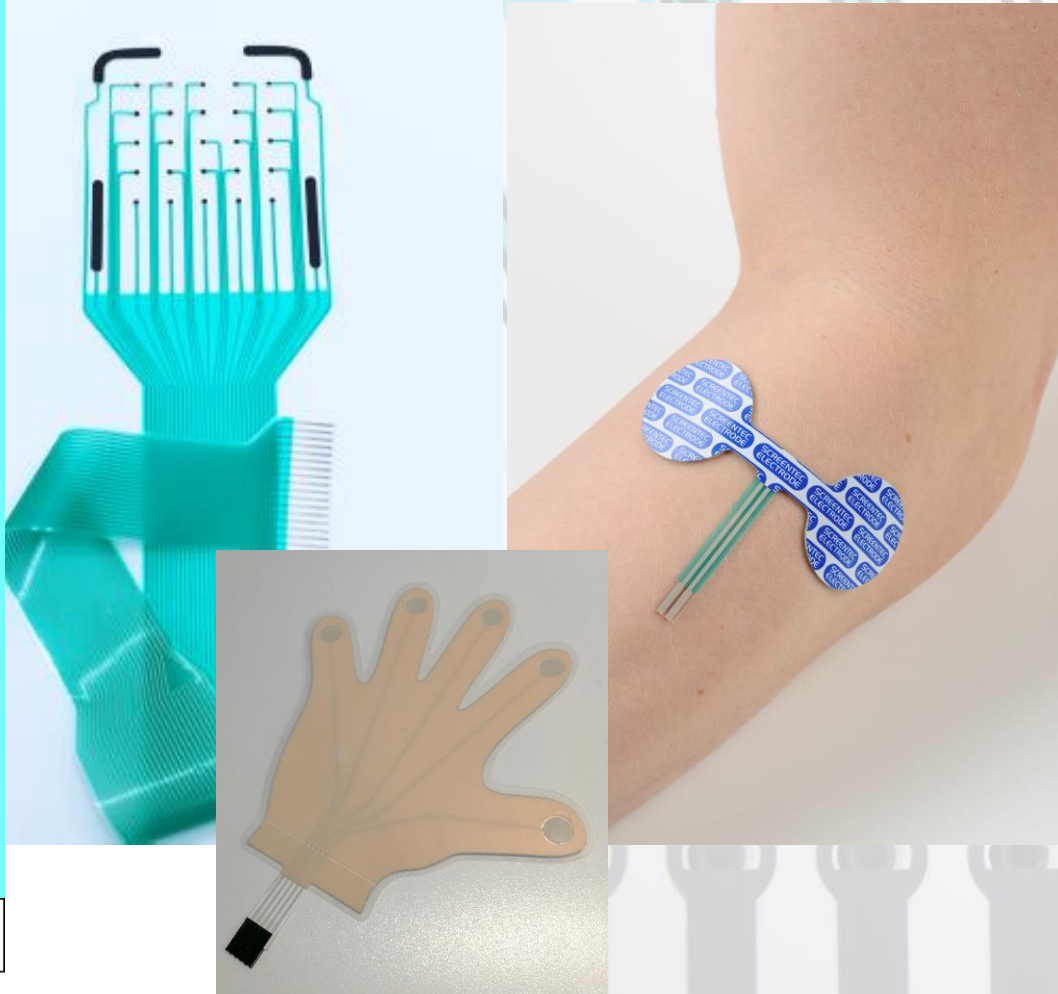
- Our company has provided User interface solutions for a large variety of purposes.
- Broad understanding of the needs and usability in each situation
- Durable interfaces which work for decades in the most extreme circumstances.



Example applications

- Heavy Industrial machines
- Professional Kitchen equipment
- Vandal proof interfaces for public transport
- Glass user interfaces for medical applications

Medical Electrodes



- ECG, EEG, Bioimpedance Electrodes, Electrical stimulation.
- Substrates: PET, TPU, Fabrics
- Chemical Coatings
- Conversion, coating, printing, cutting and Roll 2 Roll production in house.
- Integration of printed and traditional electronics in house.

Creating Value with Printed Electronics

Value to User/Customer

Ease of use

User Comfort

Minimal skin damage

Minimal Setup Time

Long wear time

Low 'maintenance'

Value to Product owner

Long Shelf life

Better signal

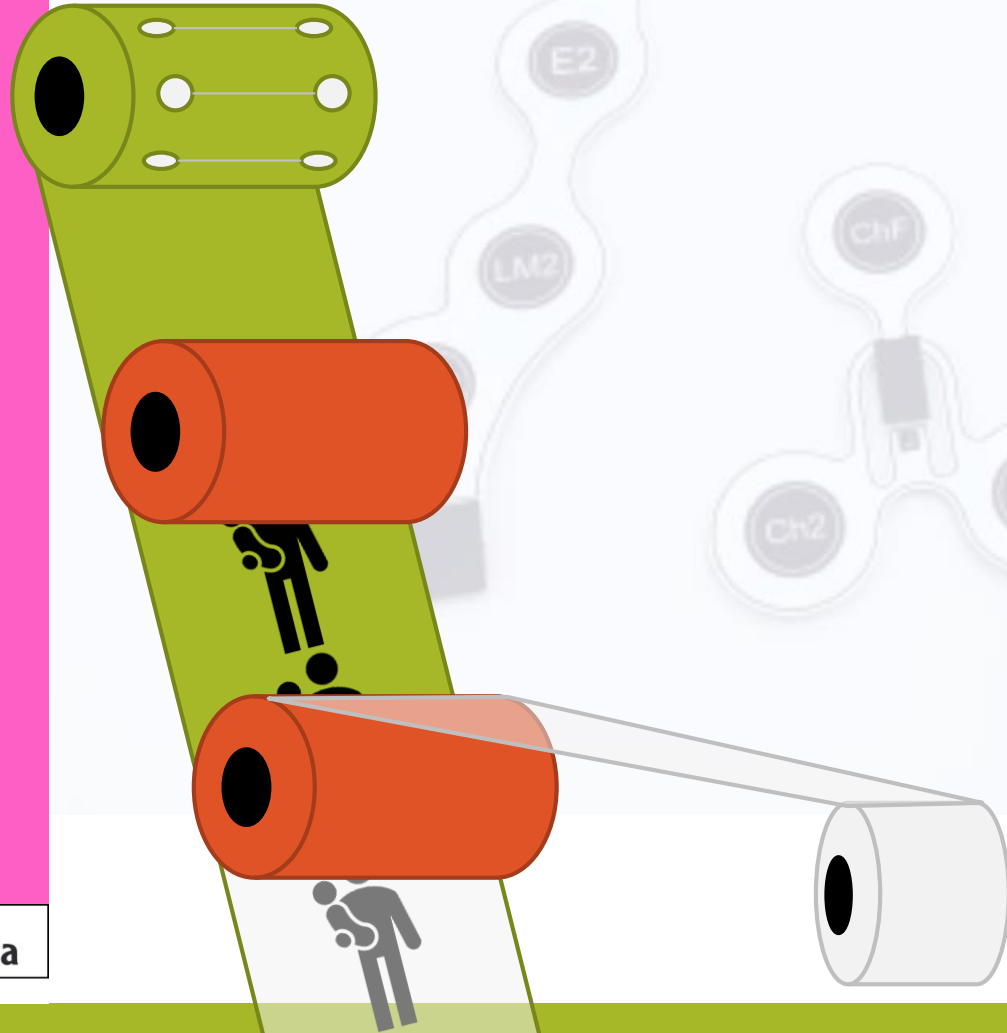
Scalable production

Conformity to standards

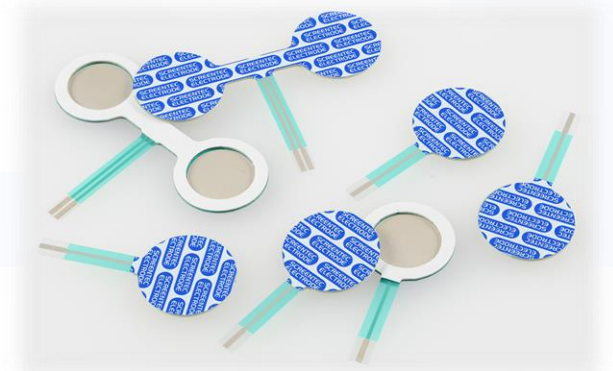
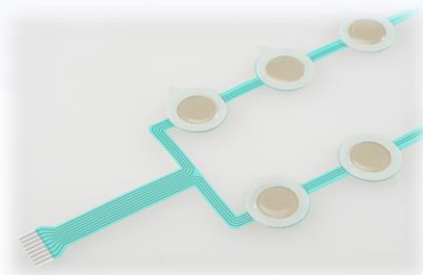
Shorter Time to Market

Risk mitigation

Printed Electronics Roll 2 Roll

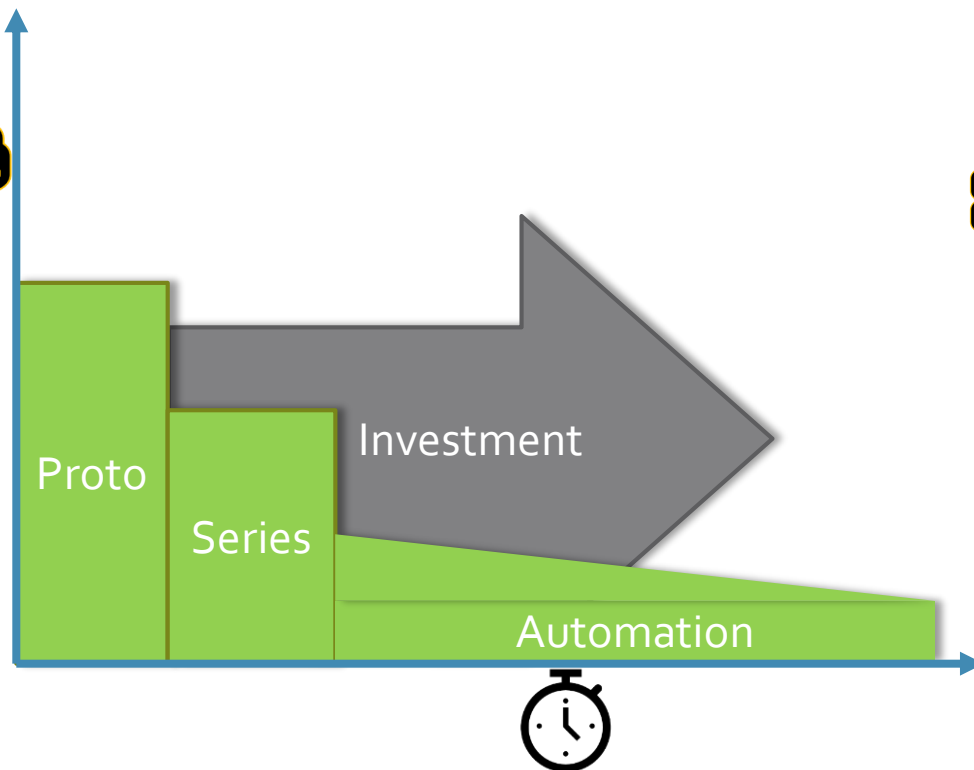
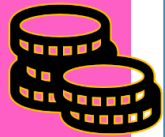


- Full Roll2Roll production and conversion capability.
- We have over 9 years of experience designing Roll2Roll processes in cooperation with our partners.
- Rapid Scaling.



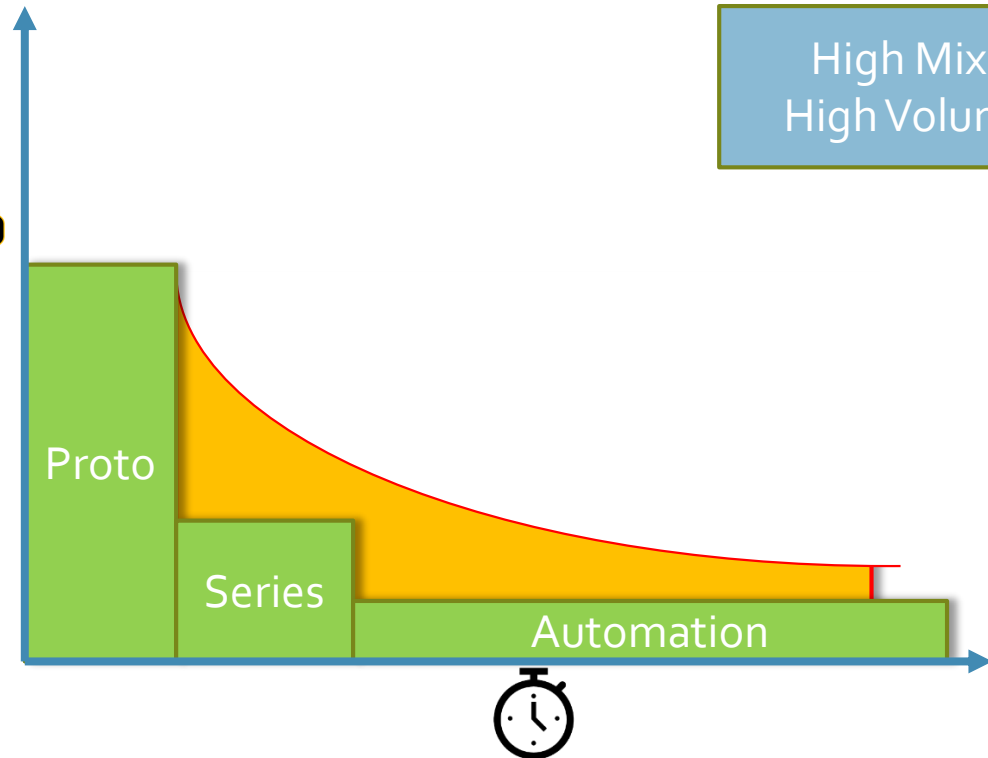
How to make the most of R2R

Traditional Approach



Screenotec's Goal; Mass Customization

High Mix / High Volume



screenotec

MANUFACTURING SOLUTIONS

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