

Quad Industries

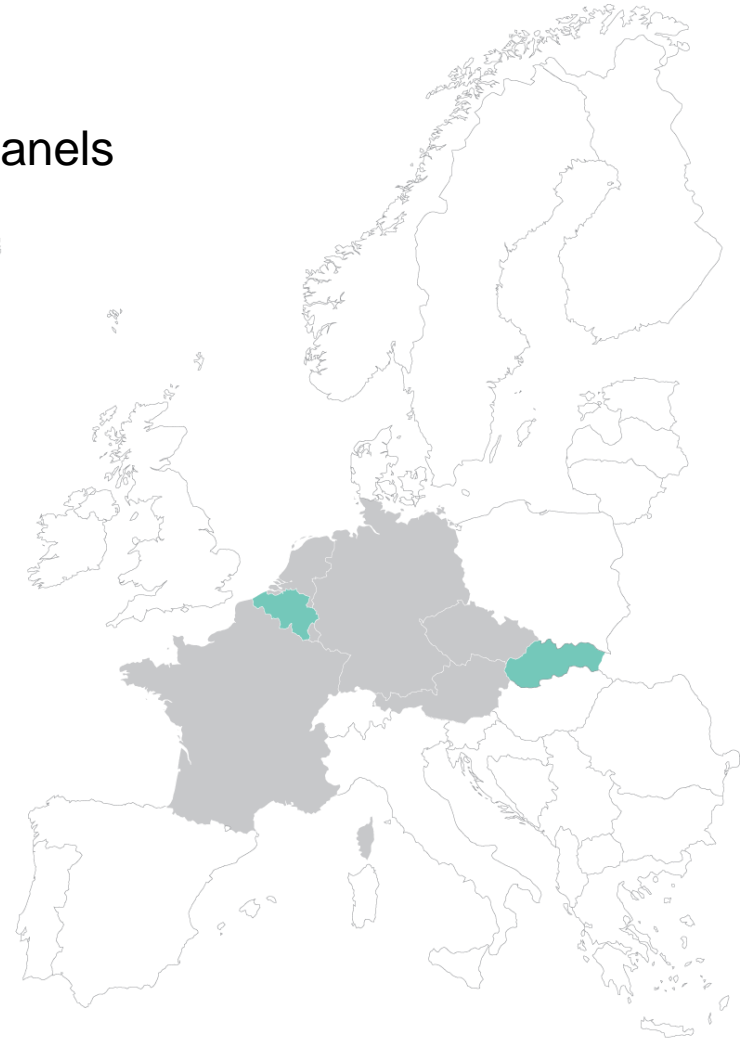
- Main business: User interfaces/control panels
 Electronic assembly
 Printed Electronics

- Founded in year: 1997
- Annual sales: EUR 5 mln.

- 2 production sites
 - ✓ Quad Belgium, Sint-Niklaas
 - > 20 employees

 - ✓ Quad Slovakia, Žilina – Bytčica
 - > 50 employees

- Internet: www.quad-ind.com



Quad Industries

- Core business: printed electronics
- Printed electronics = manufacturing of electronics by standard printing processes
- Advantages
 - ✓ Lightweight, flexible substrates:
 - PET
 - coated paper
 - textiles
 - ✓ Low-cost + low ecological footprint
 - Additive manufacturing
 - No (etching) chemicals
 - Less process steps

Quad Industries

- Core business: printed electronics

‘Printed electronics’ is very old technology...

- ✓ membrane keyboards were the first printed electronic products
- ✓ Quad has over 30 years experience in printed electronics

... but many new applications are emerging!!!



→ Quad Industries builds on existing technology platform

- ✓ screen printing (precision / fine pitch)
- ✓ component assembly
- ✓ integration technologies
- ✓ laser & die cutting

to produce a new range of products

Smart textiles - insole

- Development in collaboration with medilogic®
- Application:
 - ✓ Insole for Wireless Dynamic Pressure Measurement during rehabilitation or training
- Technology
 - ✓ Ag & carbon printed capacitive sensor on textile
 - ✓ 14 sensor areas
- Fully integrated solution
- Flexible and thin

