



Innovative Fiber Optics Solutions for Healthcare

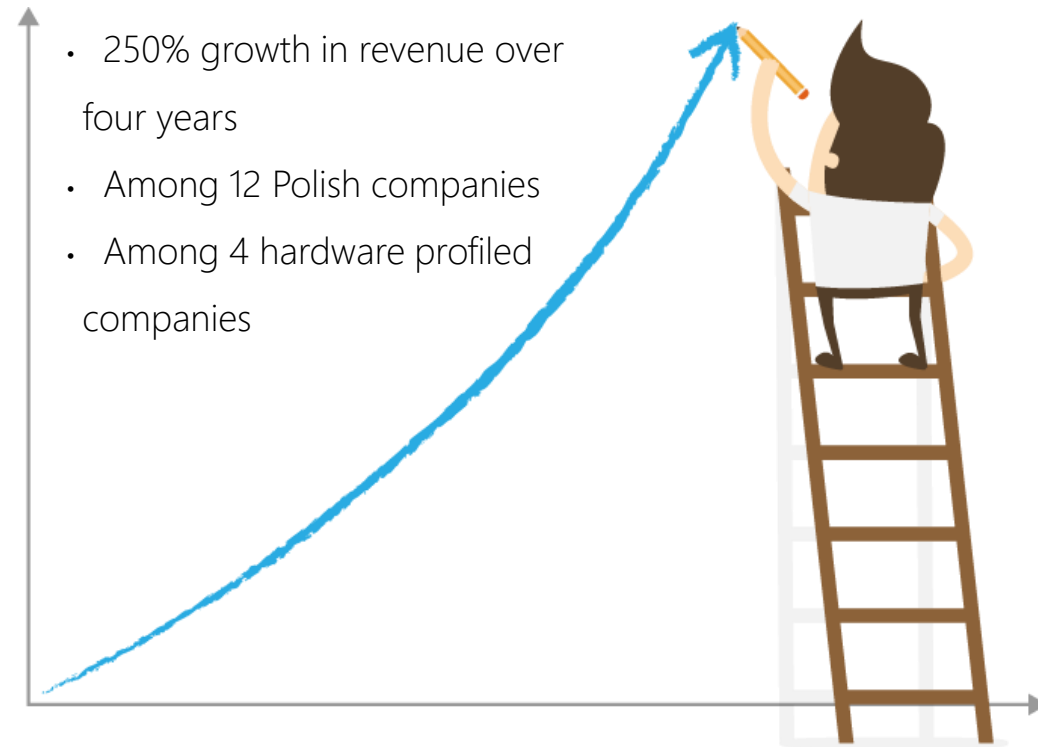
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EPR Event in Stockholm | 11th of June 2018

DESIGN **FUTURE** WITH PHOTONICS

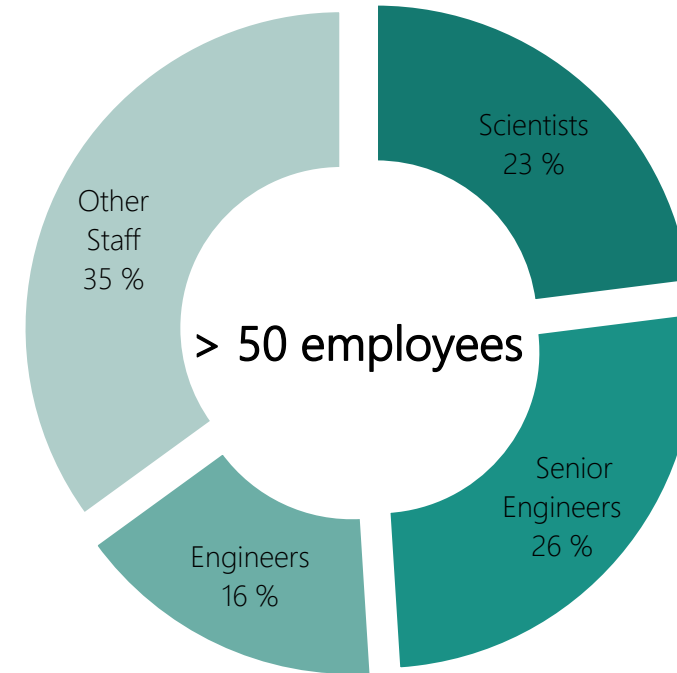
- Founded in 2010
- Over 2M € reached in 2017
- > 50 employees
- Over 20 patents
- ~20 running projects with industrial partners (incl. Airbus Defence and Space, ESA, ...)

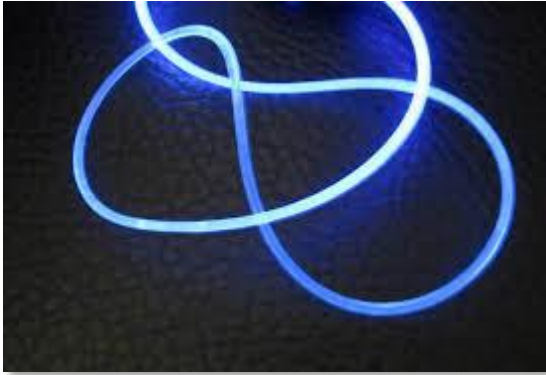


Awarded DELOITTES Technology Fast 50 Central Europe in 2015



InPhoTech – Our team



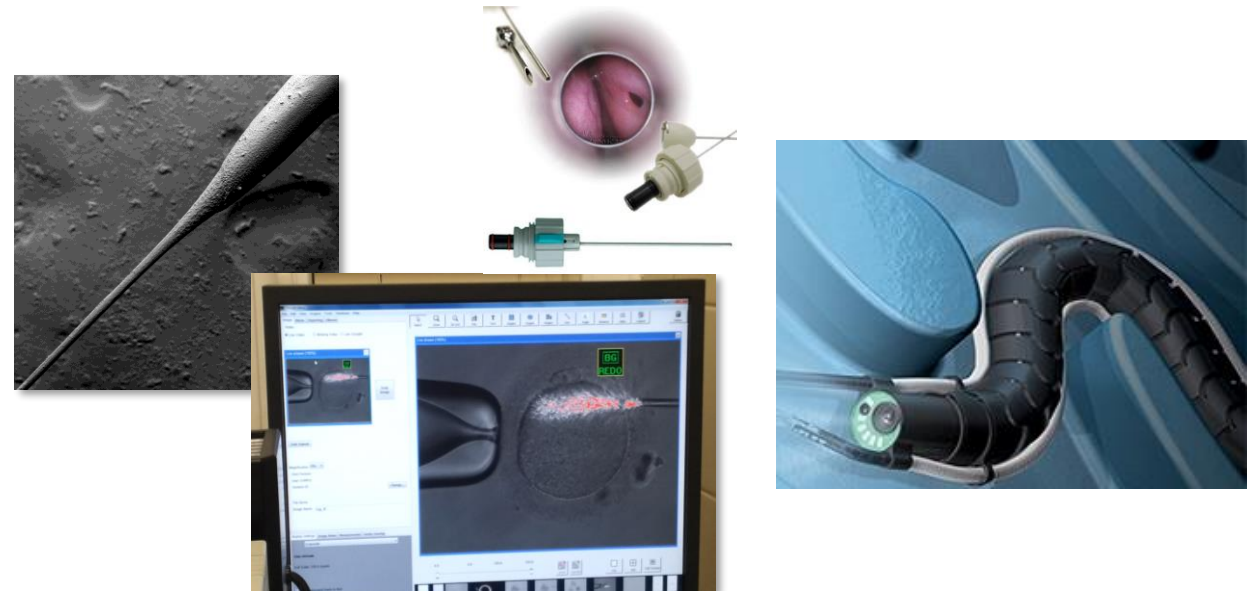


ADVANTAGES

- Sensitivity
- Remote sensing
- Immunity to EMI
- Intrinsic safety
- Flexibility
- Miniaturization ...

EXAMPLES

- Monitoring of joint movements after injuries, spine defects
- Monitoring of the force of pressure of laparoscopic forceps
- Joints diagnostics (synovial fluid, articular cartilage)
- Precise monitoring of the movements of medical robots during surgery
- Detection of biological material (proteins [1], bacteria, viruses, DNA)
[1] Wysokiński K, et al. „Dual-core all-fiber integrated immunosensor for detection of protein antigens”. Biosens Bioelectron. 2018



Optical fiber sensor for cancer diagnosis



Sensor in a needle

- Alternative for biopsy (€ 700 mln in 2020)
- Minimally invasive and fast diagnosis
- Adapted to mass production / low cost
- High sensitivity

We are looking for...

Investor who could support the commercialization of our product

Partners who are interested in development of new medical products with the use of optical fiber technology