

# DESIGN FUTURE WITH PHOTONICS



InPhoTech specialises in creating complete solutions for a diverse range of industries wanting to incorporate photonics in their innovations.



## SENSORS

Fiber optic sensors in harsh environments ? InPhoTech's solutions make this possible! Sensors are available for measuring various parameters including strain, temperature or the presence of gases. Examples of applications include the use in mines, spacecraft, industrial process monitoring and oil&gas industry.



## LIGHT SOURCES

Without lasers, industry and medicine could not operate. InPhoTech develops high power fiber lasers and broadband sources, which are invaluable in material processing and other applications.



## TELECOM

InPhoTech makes the "Fiber To The Home" concept a reality, as well as providing novel solutions for data centers. Our specialty fibres and components improve transmission efficiency, not only in terrestrial networks, but also in telecom satellites.



## CUSTOMIZED SOLUTIONS



InPhoTech manages every stage of the product cycle from design through development and prototype creation to implementation.

# INPHOTECH PROVIDES HIGHLY DEVELOPED, APPLIED OPTICAL FIBER TECHNOLOGY

What makes our approach unique is designing and manufacturing custom optical fibers dedicated particularly to your specific application. Using our three core technologies - specialty optical fibers, heavy duty coatings and post-processing of specialty and microstructured fibers we provide highly advanced solutions for our clients. We are strongly focused on the needs of our clients to fully meet their expectations.



## DEMAND IDENTIFICATION

Thanks to strong cooperation with industrial and scientific clients we are able to create solutions in the most efficient way.



## PRODUCT DEVELOPMENT AND FIELD TESTS

We provide full support during field tests in the real life environment.



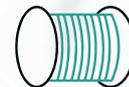
## PROTOTYPE ASSEMBLY AND TESTING

Our highly skilled technology team transforms fibers and components into devices.



## FIBER OR COMPONENT DESIGN

Our experts design fibers and components with uncommon properties making the unbelievable happen.



## FIBER FABRICATION

Using state-of-the-art Polish fiber drawing technology, we are capable of manufacturing fibers designed by us or our clients.



## GLASS PROCESSING, PROTECTIVE COATINGS

Glass processing allows us to make use of the fiber's special properties whereas protective coatings enable their application in harsh environments and prolong their lifespan.

InPhoTech's customers represent various industries like: medicine, power engineering, mining, space, aircraft, oil & gas and others. Our customers **receive solutions tailored to their requirements**, regardless of their experience in the use of advanced fiber optic technology.