

Novatex Solutions Ltd was established in 1999 in Cyprus by a team of highly motivated and enthusiastic engineers. Due to the multi-discipline background of its founders it expanded to different sectors which mainly involved the Computing sector and also the scientific instruments and supplies. Since 2006 it has been involved in applied research and projects funded by the Cyprus research foundation and other institutions. Novatex has been actively involved in the writing and the preparation of research proposals and also cooperating with both private companies and as well as government or educational institutions. Our proposals are unique and well documented with a high proposal success rate.

Our aim is to further involved in research projects both in Cyprus and abroad, continuously research and develop innovative applications, and provide custom solutions for a wide range of industries.



Development of an automated trap system using image analysis techniques and Wi-Fi technology for monitoring increase of "Lobesia botrana" in relation to collected weather data.



Development of a Method for Monitoring the population of the Mediterranean Fly using Wireless Technology



Development of an Experimental System for mapping of "Lobesia Botrana" population in Cyprus using wireless automated traps, automated image processing, GPS/GPRS and mapping systems.

### Knowledge Areas – Technologies supported

- Wireless sensor networks (wi-fi , wireless etc)
- Remote sensing, monitoring and control
- data acquisition and control
- Positioning systems (GPS/GIS)
- Condition monitoring
- Embedded Systems
- Data transmission through Mobile telephony networks
- automated image processing
- National Instruments products – Labview software

### Future proposals are targeted in the following fields

- Environmental measurements
- Energy management and control
- Renewable energy (wind, solar)
- Water supply