

 *2M Engineering Ltd*

*July, 2011*





# HISTORY

- Two Bird Holdings – founded in Dec 2004
- 2M Engineering Ltd – founded in Dec 2004
- 2M Sensors Ltd – founded in June 2008



Jan – 2005  
Eindhoven



Nov – 2005  
Eindhoven



Oct – 2006  
Veldhoven



July – 2009  
Veldhoven



# COMPANY FOCUS

2M Engineering creates innovative solutions for health, environment, sports, entertainment and industry.

The main technological focus areas are sensor systems, connectivity and lasers.



# Some products and projects

- Products realized



Vitamove



Fiber Optic Video Link



Skunkx

Wear sensor

- Products in development / functional prototypes realized

- 635, 650, 670 nm Single Mode laser
- Detachable Active Optical Cable
- Tunable Blue laser

- IOP Photonic Devices projects

- Coarse and fine tunable laser for gas sensing (TULGAS)
- Low cost handheld optical coherence tomography device (OCT)



# Contribution to the TULGAS project

- Investigating, defining and executing the laser diode packaging process for an optically, mechanically and thermally stable laser using flip-chip technology.
- Testing of the tunable laser diodes
- Defining and build the driving electronics.



# Contribution to the OCT project

- Development of drive electronics for Oclaro tunable laser
- Develop a chip/tissue focusing coupler attached to the chip
- Packaging of final demonstrator and management of demonstrator components