



e-technologies & business

ITTI presentation

Poland@ESO

Mikołaj Krużyński

July 3rd, 2015

ITTI – basic facts



■ SME:

- Focus on **IT and telecommunications** technologies
- Located in Poznań, Poland
- ca. **80 persons**
- professional certificates, e.g. **PRINCE2, MSP, ITIL, ISO 9001, ISO 27001, TOGAF, Certificate in Software Testing (SJSI/ISTQB)**

■ Prizes and rewards (selected):

- **"Cristal Brussels Prize 2006, 2010 and 2013"** for the most active and successful Polish SME participating in FP6 and FP7
- reward for the **high performance in R&D projects for EDA**

■ Membership in international and national bodies:

- Public Safety Communications Europe (PSCE)
- Integrated Mission Group for Security (IMG-S)
- Polish Space Industry Association (ZPSK)

ITTI experience



- **Technical consulting** in IT and telecommunications:
 - Almost 20 years of experience
 - Customers: public administration, utilities, telecom, ENISA
- **Applied R&D in Information and Communication Technologies (ICT):**
 - European Commission: 5FP, 6FP, 7FP, H2020 – over 30 projects
 - European Defence Agency – 9 projects
 - European Space Agency – 7 projects
 - National R&D – a number of projects
- **Development of innovative software solutions:**
 - MedStar – System supporting telecare during medical treatment
 - Proceed – Simulation environment for training on procedures in crisis situations
 - LIMA² – Lessons Learnt Tool
 - CyberTool – Assessment of cyberthreats to the local network

European Space Agency projects

- Started in 2014:
 - **SPACEMAN** – A SpaceWire Network Management Tool (*Subcontractor: TELETEL, Greece*)
 - **HMI** – The technology framework for the development of modular, portable and adaptive Human-Machine Interfaces in ground segment software products (*Subcontractor: VITROCISSET, Belgium*)
 - Study on demand for **precise and legal time services** distributed via the Galileo system including development of research methodology (*ITTI as subcontractor*)
- Started in 2015:
 - **INSPECTOR** – INtegrated SPacE Components Test platfORm
 - **SpaceR** – Implementation and Validation of the SpaceWire-R Protocol (*Subcontractor: TELETEL, Greece*)
 - **Gaia GOSA** – An interactive service for asteroid follow-up observations (*ITTI as subcontractor to Adam Mickiewicz University*)
- To be started:
 - **P2-NEO-VI** – User Support Tools (*Subcontractor: OA UAM*) – under SSA programme

Astronomical Observatory, Adam Mickiewicz University



- ITTI & AO UAM cooperation (ESA projects):
 - **Gaia-GOSA,**
 - **P2-NEO-VI**

- Main research area:
 - Dynamics of artificial satellites
 - Dynamics of Small Bodies in the Planetary System
 - Dynamics of comets in the Oort Cloud
 - Physical studies of asteroids
 - Radial velocities of stars
 - Stellar astrophysics
- Global Astrophysical Telescope System (GATS)



Thank you for your attention

Contact person:

Mikołaj Krużyński

e-mail: mikolaj.kruzynski@itti.com.pl,

Tel. +48 61 622 69 37

Tel. mobile: +48 698 811 693

Krzysztof Samp

e-mail: krzysztof.samp@itti.com.pl,

Tel. +48 61 622 69 85

Tel. mobile: +48 600 073 448