TTTech Computertechnik AG

Success Stories from the Industry – Research Institution Interface

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Mag. (FH) Martina Sebastian
martina.sebastian@tttech.com
01 / 585 3434 - 19

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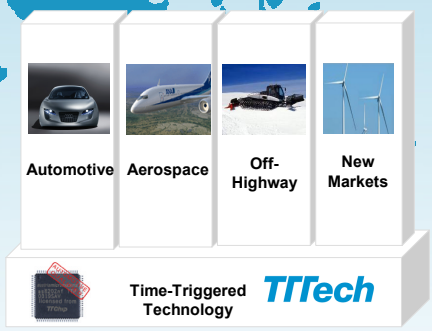
Company Overview

- Founded in 1998 as spin-off from TU Vienna
- More than 25 years research & development in Europe and USA
- Products and Services for „Time-Triggered Technology“
- Ca. 200 employees
- TTTech stands for high reliable electronic networks



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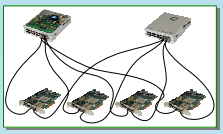
FIT-IT Projects

SER

"Steuergerätetaugliches Echtzeitreifenmodell"

01/2006 – 03/2008

5ter Call ES

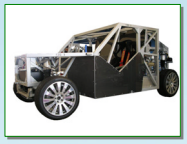


TeDES

Systematische Testfall-generierung für sicherheits-kritische verteilte eingebettete Echtzeit-Systeme für unter-schiedliche Sicherheitsstufen nach SIL

03/2005 – 05/2007

4ter Call ES



Institute of Software Technology

TUG

MAGNA STEYR more value•more car

TTTech

PARTNER

Institut f. Mechanik und Mechatronik

TU WIEN Technische Universität Wien Vienna University of Technology

Institut f. Technische Informatik

TTEthernet

"Time-Triggered Ethernet"

03/2004 – 12/2006

2ter Call ES

TTSoC

Time-Triggered System-on-a-Chip Architecture

08/2008 – 05/2009

6ter Call ES

Rapid Prototyping Kit

11/2002 – 01/2004

1ter Call ES

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Successful Research Cooperations

Successful Research Cooperations

factors of success - problems

Phases

- Prior to proposal preparation
- Proposal preparation
- Project execution
- Project closure

Major Challenges

- Technology excellence
- Intellectual property rights (IPR)

Benefit of Cooperations

with research institutions

- Building up new know-how within project
- Distribution of know-how between partners and beyond
- New high qualified employees

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