

# Company Profile

**Triada d.o.o**

**Avčinova 9**

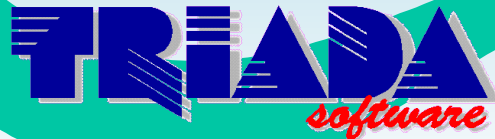
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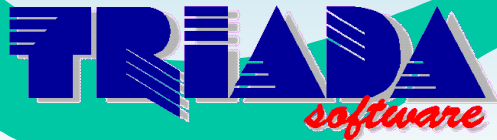
**E-mail: [info@triada.si](mailto:info@triada.si)**

**<http://www.triada.si/>**



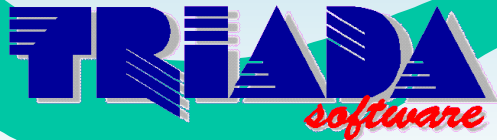
# History

- Triada d.o.o. was founded in 1989 by four partners who had previously worked in industry and research.



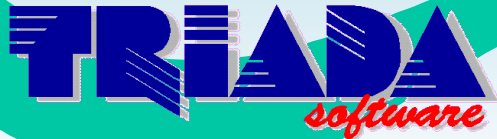
# Company Experience

- VxWorks
- embedded real time systems
- Linux
- Windows



# Tornado/WB/VxWorks Experience

- Wind River Professional Services Partner
- three engineers working with Tornado/WB/VxWorks.
- BSP development
- drivers development
- beta testers for Tornado II for 68k targets.
- applications development



# BSP Development

- ARM (AM335x-BeagleBone, AT91RM9200)
- PowerPC (MPC8260, MPC5200, MPC8548e)
- MIPS (24kec)
- Freescale 68k (68000, 68307, 68302)

# Drivers Development

- USB class drivers (CP210x, PL2303, Ali5632)
- USB host/device drivers (ISP1362, AU1100, PPC440EP, TD243)
- CAN drivers & integration with WindNet CAN stack (SAK82c900, PPC)
- END network drivers (Aironet, Varan EMAC, PCI, 3c574, i82588)
- Compact Flash integration on PowerPC
- modem drivers (73K324, RC144)
- serial protocol drivers (Z8530, PPC)
- drivers for several peripheral boards (relays, digital inputs, digital outputs, analog inputs)

# USB Development

- USB 1.1, USB 2.0 and USB 3.0
- USB host drivers
- USB device drivers
- USB class drivers
- USB drivers analysis (using Ellisys Explorer 200)
- USB performance analysis and tuning (using Ellisys Explorer 200)

# Applications Development

- application for Electronic Toll Collection on Slovenian Highways
- traffic lights control centre
- tunnel control



# Programming Languages

- C, C++, C#
- Java
- Python
- Pascal
- Modula-2
- SoftVelocity Clarion
- several assemblers

# Host Operating Systems

Currently work with

- Windows
- Linux
- FreeBSD

and used to work with

- DOS
- CP-M
- AIX
- OS-2 Warp

# Target Operating Systems

- VxWorks, eLinux, Android
- used to work with QNX and OS-9

# Target Processors

- Motorola 68k and Coldfire
- Freescale PowerPC
- ARM
- MIPS
- Intel 86x
- Rabbit, PIC18, Z80, 6502, 8051, 6809



# Development Systems

- Eclipse, WB and Tornado for real time embedded applications
- SoftVelocity Clarion for small data base applications
- Oracle and MS SQL for large data base applications

# Project Practice

- Eclipse
- Visual Slick Editor
- CVS revision control system

# Major Customers

- Wind River GmbH
- Wind River, Inc.
- Society for Slovenian Highways (subcontractor to Iskra Sistemi / Asist / Traffic Design consortium for Electronic Toll Collection project)
- Iskra Sistemi / Asist (subcontractor for Traffic Management and Tunnels Management project)

