

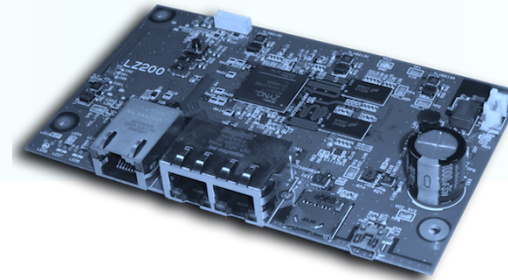


RADIC Technologies, Inc.

[www.radictech.com](http://www.radictech.com)



SDKs: MainDevice,  
SubDevice, Config Tool



**RADIC Technologies, Inc. is an independent small corporation in the heart of Silicon Valley. We specialize in industrial automation, distributed control, and networking protocols. We are the embedded development experts utilizing latest CPU, MCU, FPGA and RTOS technologies.**

- Established in 2003 with over 25 years of industry experience
- Exclusive representative of Koenig-pa GmbH (KPA) in since 2007
- Core competency in development of EtherCAT devices and systems
- Offering EtherCAT MainDevice and SubDevice software stacks and Configuration tool
- Turnkey development and consulting services for Functional Safety and failsafe over EtherCAT FSoE
- Design and development of control systems
- Motion control development using PLCopen standards
- Technology research, market analysis and engineering services



LINUX

XENOMAI

VxWorks

QNX

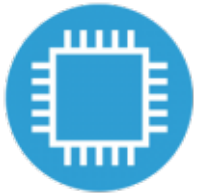
FreeRTOS

INtime®

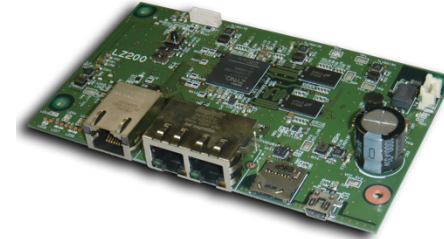
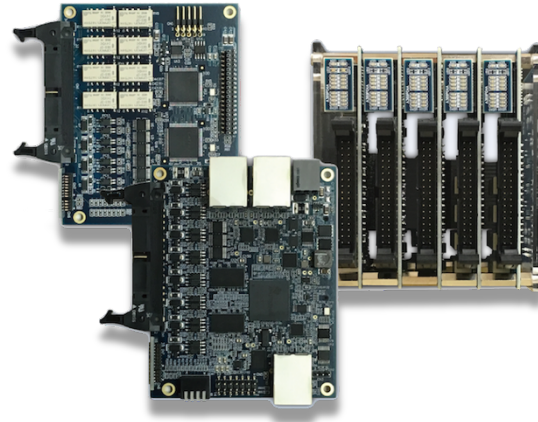
## EMBEDDED SOFTWARE

**Incorporating CPU/MCU, FPGA, and system on chip SoC's for test/measurement and OEM applications in Automation, Robotics, medical and Semiconductor manufacturing equipment.**

- Architectural design, device drivers, board support package (BSP)
- Middleware, bus interfaces, glue logic, API and application software
- Linux, Xenomai, QNX, VxWorks, Nucleus, INtime, FreeRTOS, Bare-metal
- Intel x86, TI Sitara, NXP Power arch, Renesas MCUs, Infineon XMC industrial MCUs
- AMD ZYNQ, Spartan, Virtex, Artix, Intel/Altera Cyclone, Arria



## HARDWARE



### We provide comprehensive engineering services for electronic development

- Requirements, planning, specifications and development
- Circuit design, Analog/Digital, mixed signal, RF/Microwave
- FPGA design and development
- Manufacturing using our partners in Asia
- Comm & network interfaces (RS232/485, USB, I<sup>2</sup>C, SPI, PCIe, Ethernet)
- Modeling, prototyping, verification, test and characterization
- Compliance testing and certification



# AUTOMATION



## Turnkey Automation Solutions

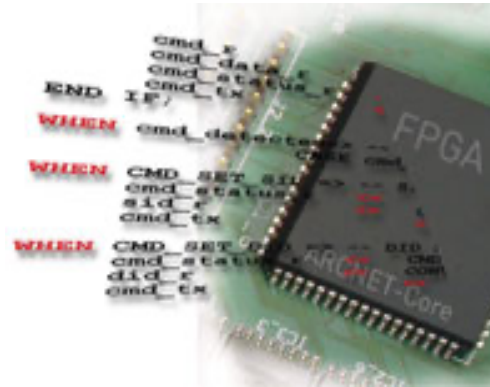
- EtherCAT MainDevice and SubDevice software stacks
- EtherCAT Configurator – A Windows app for configuration, monitoring and diagnostics
- Automation HMI – Flexible and customizable GUI
- Automation Server – Unified service for data acquisition via OPC UA
- SoftPLC – Based on IEC 61131-3 OpenPLC programming standards
- Data Analytics – Scalable application database server with unlimited reports
- Control System – All-in-one solutions including HW, SW & support services



**SOHARD**

**ARCNET**

Boards, Analyzers,  
and IP-Core



**EtherCAT®**



## CONNECTIVITY AND INDUSTRIAL PROTOCOLS

- Ethernet Protocols - **EtherCAT**, Ethernet/IP, ProfiNet, Modbus TCP, OPC-UA
- Functional safety and Safety over EtherCAT (FSoE)
- CAN, CANopen, DeviceNet, Modbus, RS-485
- EtherCAT Conformance Testing, ETG Semi TWG Certification



**RADIC Technologies, Inc.**  
1625 The Alameda, STE 708  
San Jose, CA 95126 USA  
Ph. +1 408-263-6500  
[www.radictech.com](http://www.radictech.com)

