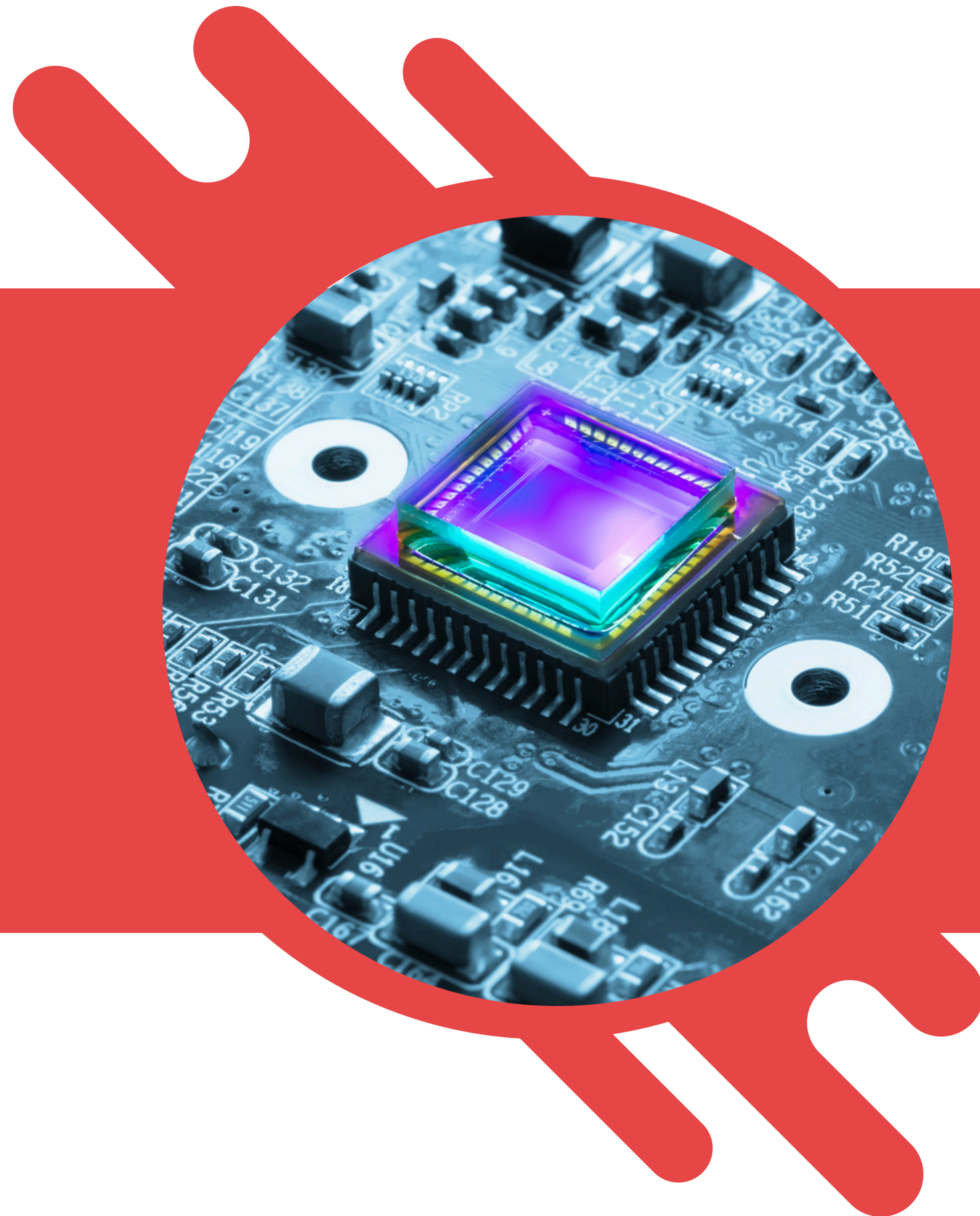




# TRANSZIO

## INTEGRAL SYSTEMS LLP

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





## ABOUT US

At Transzio Integral Systems LLP, we specialize in embedded development, crafting innovative solutions that power the connected world. Our team of expert engineers is dedicated to redefining possibilities in embedded systems, consistently delivering quality-assured services.



# OUR GOALS

To consistently drive innovation in embedded systems, positioning ourselves as a trusted partner for businesses seeking next-generation technology solutions. We aim to continually expand our expertise, provide tailor-made solutions, and maintain the highest industry standards.



## Vision



To be a leader in embedded development by harnessing cutting-edge technology to deliver innovative, efficient, and scalable solutions that enhance system functionality, interconnectivity, and flexibility for businesses worldwide.

## Mission



Our mission is to ensure customer satisfaction by fully understanding their needs and delivering high-quality hardware and software solutions. We strive for excellence in every product and service we create, emphasizing reliability, durability, and top-tier performance.



## OUR SERVICE

Transzio Integral Systems LLP offers cutting-edge embedded solutions, IoT technologies, and automation systems. We specialize in custom hardware design and industrial automation, delivering reliable and scalable products tailored to meet diverse industry needs.



### Embedded Solutions

Specializing in the design and development of scalable, secure, and reliable embedded systems that power interconnected devices across various industries.



### IoT & Embedded Technologies

Providing innovative IoT solutions integrated with embedded technologies for real-time monitoring, control, and data collection in smart, connected devices.



### Embedded Automation

A cutting-edge company constantly strives to stay ahead of competitors through forward-thinking tactics and groundbreaking methods.



### Hardware Design

Offering comprehensive hardware design services, including circuit and PCB design, prototyping, and customized hardware solutions for industrial, vending, and automation applications.





# OUR OFFERINGS

## SERVICE OFFERINGS

- Consulting
- Product Development
- Product Upgrades
- Testing

## TECHNOLOGY OFFERINGS

- Internet of Things (IoT)
- Embedded Security
- Embedded Linux
- HMI for Embedded Systems
- Motor Control

# OUR OFFERINGS



## PRODUCT OFFERINGS

- Industrial Customized Control Systems
- Edge Devices
- Support Services
- UPI Payment Solutions
- PLC Replacement Controllers
- Vending Controllers

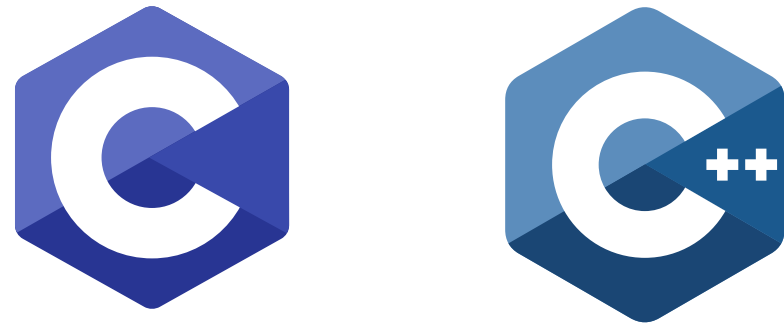




# EMBEDDED SYSTEM & DEVELOPMENT TOOLS



## Programming Languages

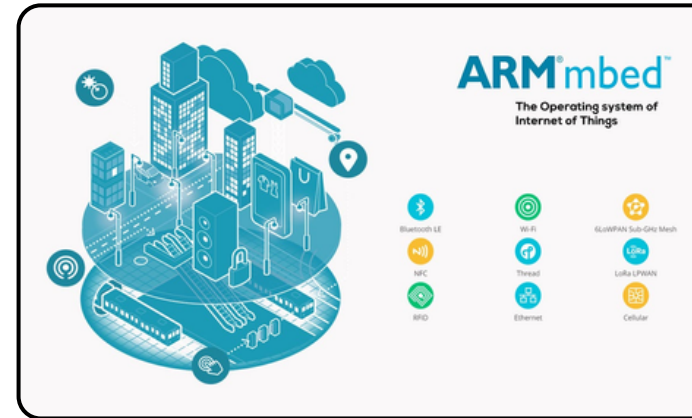




# Real-Time Operating Systems (RTOS)



Free RTOS



MbedOS

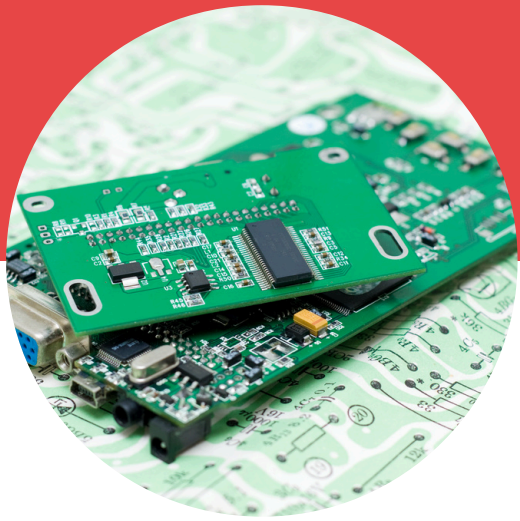


Thread-X

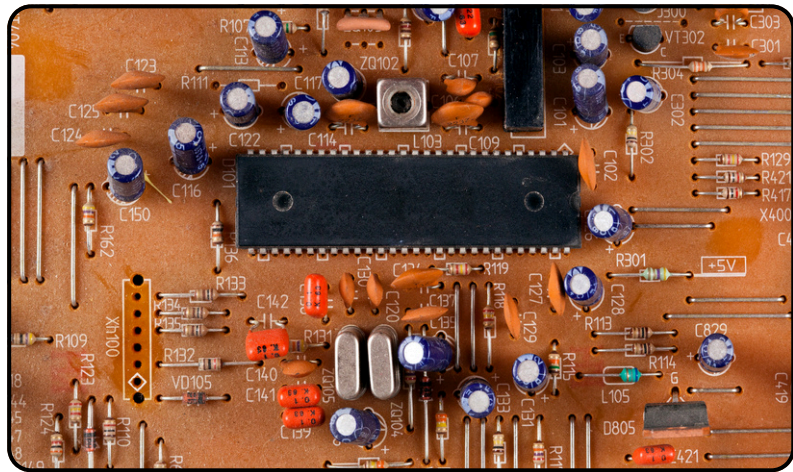
## Semiconductor partner



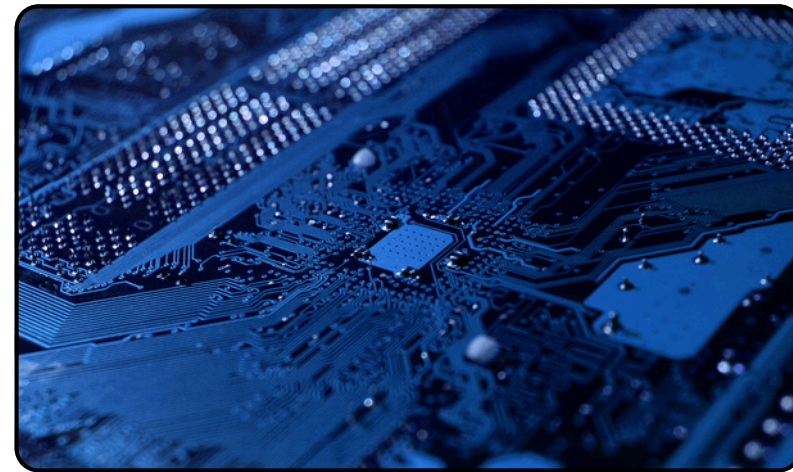




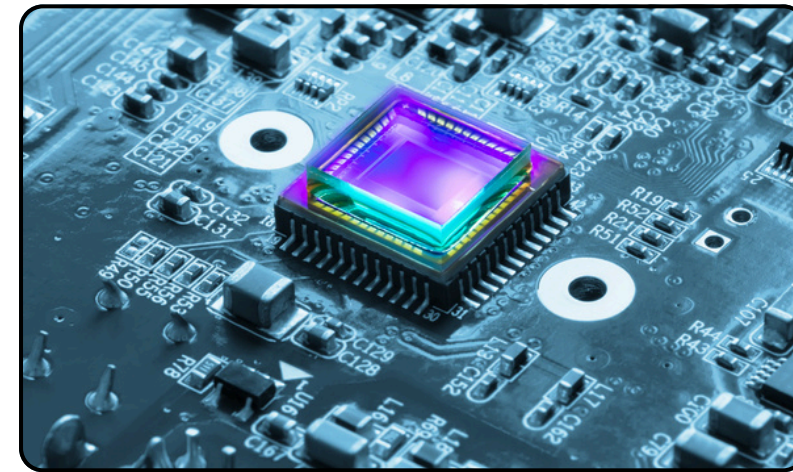
## Hardware Design & PCB Design Tools



Analog Circuits



Digital Circuits



Mixed Signals



Battery Powered Circuits

**cādence**<sup>®</sup>



**Altium**  
*Designer*<sup>®</sup>



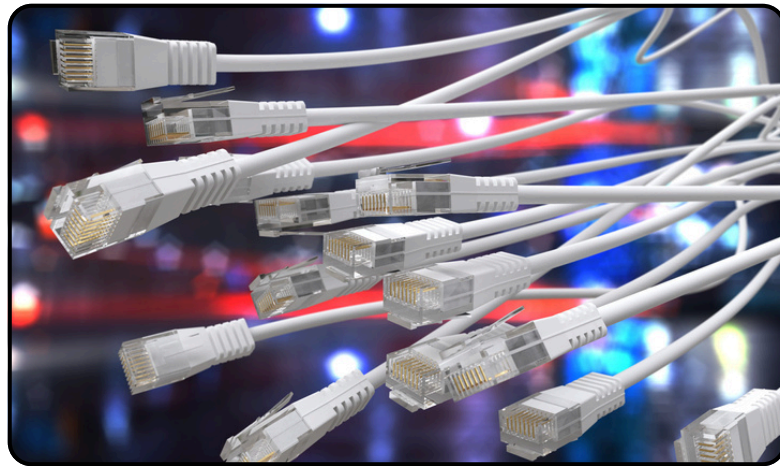
**AUTODESK**<sup>®</sup>

**KiCad**

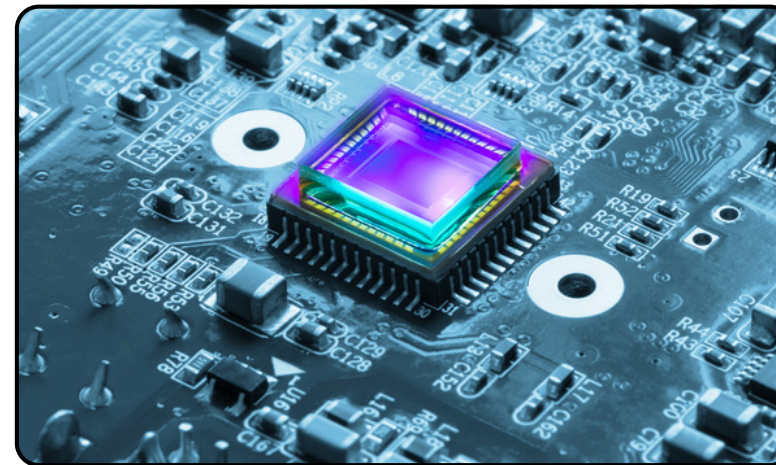




# Connectivity Protocols



**Ethernet , CAN, RS485 , RS232**



**Mixed Signals**



**Modbus | MDB**



**WIFI | Wireless**



**Bluetooth BLE 5.0**



**G S M**

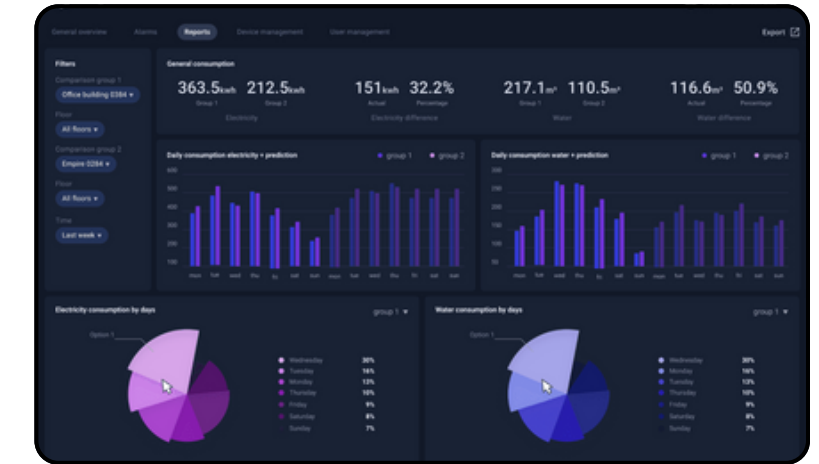




**IOT**



**AWS IoT**



**Things Board**



**API**

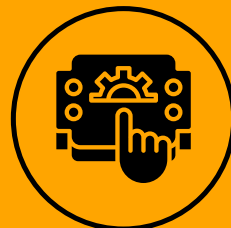


**Amazon  
API Gateway**

**API Gateway**



**Other Third-Party Gateways**



**HMI**



**Standalone HMI Control**



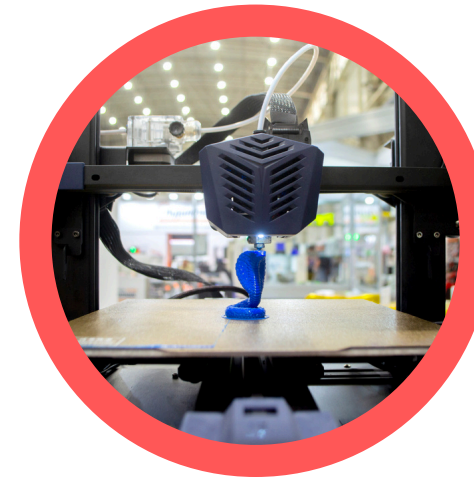
**Slave HMI Control**

# PLATFORMS & PROJECTS HANDLED

- Servo Stabilizer
- 3-Phase Power Monitoring with IoT
- Bluetooth-Based Power Monitoring
- PLC Replacement for Food Packing
- Industrial Data Logger
- 3D Printer Extruder Control
- Telemetry Device for Agriculture
- Medical-Pharma Instruments
- Home Automation
- Textile Automation Controller
- GUI Development
- MODBUS I/O Device with RS485, Ethernet
- Vending Solutions (Snack, Coffee, Napkin, Cotton Cloth Bag, etc.)



PLC Replacement for Food Packing



3D Printer Extruder Control



Servo Stabilizer



3-Phase Power Monitoring with IoT



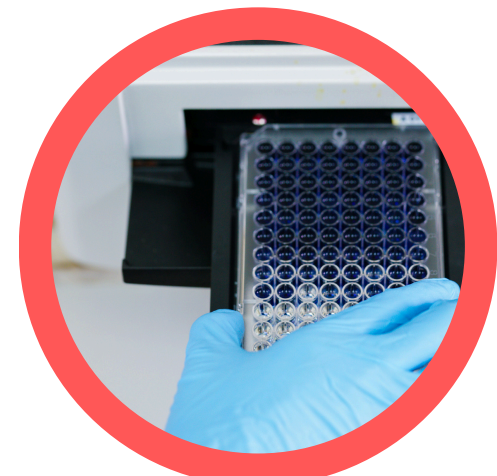
Telemetry Device for Agriculture



Agri Drone



Medical Testing Instruments



Pharma Instruments



Vending Solutions



SPM Automation



Home Automation



Textile Automation



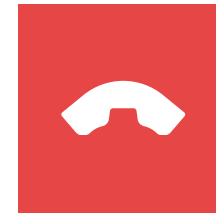


## CONTACT US



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