

**DUROBYTE**

# DESIGN SERVICES

*For Inquiries:*

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*Industrial  
Automation*

*Electronic  
Design*

*Mechanical  
Design*



***Turnkey Solutions  
Tailored to Your Needs***

DuroByte is a leading provider of innovative electronic design, build and manufacturing to maximize performance in various settings and industries. With over 100 years of combined industry experience, the company's strength lies in its ability to provide a comprehensive blend of superior technology and customized product designs to boost performance, functionality and productivity.





## INDUSTRIAL AUTOMATION

DuroByte provides Industrial Solutions ranging from small automation panels to complete transfer line applications. Our experience and capabilities cover a wide variety of client requirements

DuroByte specializes in electrical hardware/software design for both new and mature systems.

Vast experience with PLC, HMI, RFID, Cameras, Factory Information Systems, etc.

- Turnkey Controls Design
- Electrical Hardware Design
- ECAD Collaboration
- Reverse Engineering
- PLC Software Design and Commissioning
- Support Services and Maintenance Agreements
- Machine Design Review
- Machine Buyoff and Validation
- SCADA
- Plant Monitoring and Data Acquisition



**Allen-Bradley**

## ELECTRONIC DESIGN

DuroByte provides turnkey embedded solutions taking a concept from an idea and turning it into a finished high performance product, fully tested and manufactured.

- Application Oriented Embedded System Design
- Software Development
- PCB Board Level Design (Altium)
- A/D Simulation (Altium)
- FPGA Implementation
- Enclosures Design and Manufacturing
- Reverse Engineering

## MECHANICAL DESIGN

DuroByte incorporates all the engineering expertise and tools to complete mechanical modeling, design, and integration projects.

- 3D CAD Modelling
- Kinematic and Kinetic Motion Analysis
- Linear Finite Element Analysis of Parts and Assemblies
- Static, Thermal, Buckling and Vibration Analysis
- MCAD Collaboration
- Routing of Cables, Pipes and Tubes
- Comprehensive Design Cycle
- Rapid Prototyping