

Automation

▶ **Matrix Technologies** is one of the largest independent system integrators in North America. With vast experience in multiple industries, we deliver innovative automation solutions that help industrial manufacturers solve some of their toughest business challenges.

As an independent technology provider, we tailor solutions to your needs. Our proven project delivery methodology is ISO 9001:2015 compliant. We conduct rigorous project simulation and testing to facilitate smooth commissioning.

From legacy modifications and replacements to multimillion-dollar, turnkey construction, we can help you develop control and information standards that will reduce risks, meet tight schedules, manage multiple site rollouts, and stay within budget.



Matrix has in-depth knowledge of industrial automation for many diverse industries, including food and beverage, oil, gas, chemicals, pharmaceuticals, life sciences, metals, minerals, glass, and consumer packaged goods.

Matrix's Unparalleled System Integration Expertise

Capabilities

- Planning and Analysis
 - Specification and Prototyping
 - System Design
 - Legacy System Migration
 - Standards Development
 - Software Development
 - PLC & HMI
 - Manufacturing Intelligence
 - MES Systems
 - SCADA Systems
 - Historians & Databases
 - Custom Applications
 - Project Management
 - Documentation
 - Turnkey Construction Installation
 - Fabrication
 - Staging and Simulation
- Start-up and Training
 - System Testing / Validation
 - Industrial Network Design
 - Machine Vision
 - Servo & Motion Control
 - Project Engineering
 - Electrical/Instrumentation
 - Process/Mechanical
 - Structural / Civil
 - Environmental
- #### PLC
- Rockwell Automation (Allen Bradley)
 - Schneider Modicon
 - Siemens
 - Mitsubishi
 - GE
 - Many Others

HMI

- Wonderware
- Rockwell FT View
- GE Proficy iFIX
- Siemens WinCC

Server-Based Software

- Historians (OSI, FT)
- Databases (SQL, ORACLE)
- MES/OT/ERP Integration
- Custom Software (C#, VB, Java)
- Virtualization

The Matrix Difference

People: A versatile, knowledgeable team of design and engineering experts.

Process: A proven project approach designed to embrace a customer's proprietary methods.

Performance: A 40-year track record of successful projects, completed on time and on budget.