



Industrial Automation Consulting & Design



Industrial Automation Consulting & Design





Industrial Automation Consulting & Design

The focus of IACD is to provide world-class systems integration and engineering services worldwide in the areas of Industrial Automation, Process Controls, and Material Handling over a wide range of industries that includes Pharmaceutical, Petrochemical, Nuclear and Traditional Power Generation, Semiconductor, Food, Pulp and Paper, Water Rubber, and Metal. In addition, working with these industries to promote the value and initiate implementation of safety integrated and certified systems and equipment.

IACD is composed of a diverse group of highly skilled engineering professionals who possess many years of real world knowledge and experience. Drawing on these talents and utilizing an endless variety of technologies and components, IACD listens to the needs of our clients to provide innovative solutions of the highest quality, and built with exceptional features, flexibility and ease of use.

From general consulting to developing complete turnkey systems, IACD will implement a cost-effective strategy tailored to your specific requirements. Rather than partner with a select group of companies, we maintain extensive relationships with many industry-leading manufacturers. This ensures that the final project is based on the technologies and components which best meet the cost, performance and system reliability needs of the customer, not on affiliations with specific manufacturer product lines which might not exactly fit these needs.

DCS, PLC and Smart I/O Control Systems

Allen Bradley PLC2/3/5, SLC 100/150/500, Control Logic, Micro Logic
Honeywell TDC-3000
Mitsubishi
Delta V
Moore Industries (NCS)
Modicon
GE Fanuc
Siemens / TI (S5 / S7)
OPTO22
Koyo

Sensors and Controllers

Moore Industries
Fisher Rosemount
Honeywell
Foxboro
Sunex
Omron
Watlow
Micro Motion
General Electric
Accusort
PSC
Datamars
Turk
Powers

Communication Protocols

Modbus TCP
Modbus RTU
Modbus Plus
Ethernet I/P
DH1
DH485
RS232
DNP.3.0
Device Net
Profibus DP
Profibus PA
Foundation Fieldbus
Foxcom
HART

PC Operating Systems & Software

MS Windows 3.X/95/98/Me/NT/2000/XP
MS DOS
UNIX
MS Office Suite 2000/XP
MS Excel
MS Access
MS Word
MS PowerPoint
MS Project
Visio
Visual Basic
C /C++
Basic
Fortran
Pascal
COBOL
Auto Cad
Micro-Station
Miscellaneous . Other

Operator Interfaces (HMI /MMI)

Wonderware
Iconics Genesis32
Intellusion
RSView32
Cimplicity
Labview
PanelView
Factory Link
Think & Do

Networking Equipment

Prosoft
HMS
SST
Data Linc Group Radios and Line Modems
Elpro Technologies Radios and Telemetry Systems
Dymec Fiber Optic Converters
N-Tron Ethernet Switches and Fiber Optic Converters

Databases

DB/ Sequel
Oracle
MS Access
Cisco

VFD / Servo Motors & Motion

Emerson Servo Control
Reliance Automax Control Systems
General Electric

Robotics

Motoman Robotic Systems
Hitachi Robotic Systems

10 Step Development Process

From the initial project estimate, to post installation support, IACD provides quality service every step along the way:

