

EtherCAT 



Industrial Automation & Solution and Development

ABOUT US

We take immense pride in introducing ourselves as a reliable name in the Industrial machine maintenance and Automation which has been providing cost effective industrial solutions. We Specialized in Automation & Controls products. We provide optimum solutions to meet our client's requirements with reliable and innovative technologies. We offer the full spectrum of services including Hardware Engineering, Instrumentation, Process Control, PLC Software and SCADA Software Development programming & Online Modification, Technical consultation, Manufacturing of Electrical/Pneumatic Control panels, Machine Installation & Commissioning to take your project from Concept to completion. Our solution-based approaches solve business problems more intelligently and efficiently.



OUR SERVICES

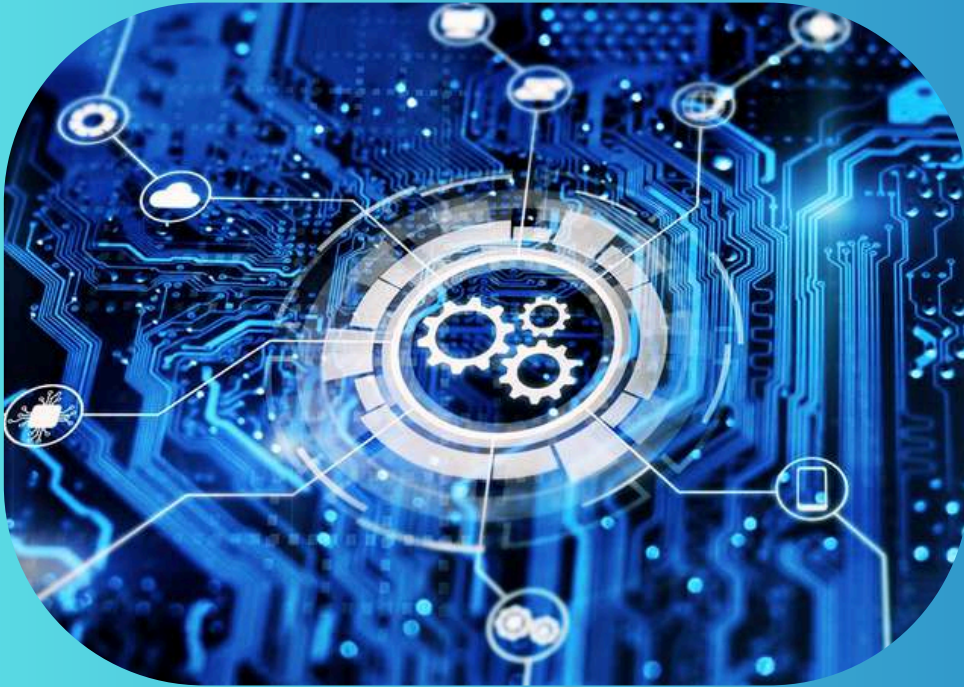
- Industrial Automation Control New Software's Developing & Online and Offline Troubleshooting.
- Industrial automation Control and Panels.
- Plant Monitoring & Automation Control Developments System.
- Upgrade, maintenance, Repairs, Automation Solutions.
- Automation HMI & Interface Monitor Control Software & Modification And development
- SCADA Software Development.
- Motor Soft Starting Control Units Installation and Troubleshooting.
- Automation Heavy Duty VFD.

REASONS WHY YOU SHOULD CHOOSE OUR SERVICES

Our advantages are:

Having professional workers with more than 15 years of experience in the Automation Field

Services are tailored to the needs of each client.



Automation Network Control Communication System





VFD Frequency Converters Controls

A FREQUENCY CONVERTER (VFD) IS AN ESSENTIAL COMPONENT IN MODERN INDUSTRY, PRIMARILY BECAUSE IT ALLOWS FOR THE CONTROL OF ELECTRIC MOTOR SPEED AND TORQUE TO MATCH THE SPECIFIC DEMANDS OF THE APPLICATION IT SERVES.





Programmable Logic Controller I / O Model's

PROGRAMMABLE LOGIC
CONTROLLER (PLC) I/O
MODELS ARE CATEGORIZED
AS DISCRETE, ANALOG, AND
NETWORK. DISCRETE I/O
MODULES HANDLE ON/OFF
SIGNALS, ANALOG MODULES
DEAL WITH CONTINUOUS
VALUES, AND NETWORK
MODULES FACILITATE
COMMUNICATION.





Automation Software Modification & Troubleshooting online



HMI Monitor Software Development Operating Control Design



SCADA System Interface Used By Engineering Operators For Real Time Process Monitoring And Control



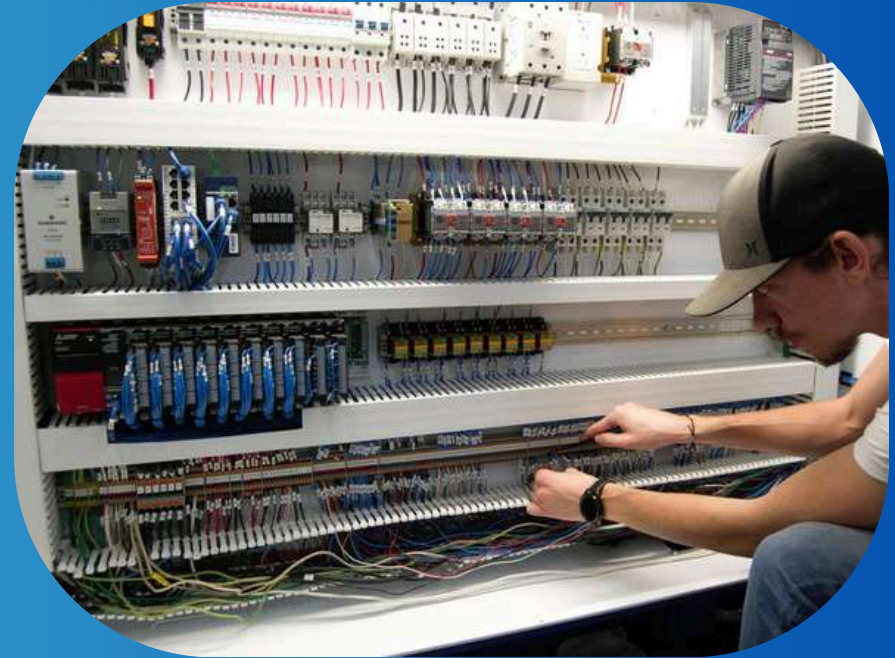
**SCADA System Interface Used By Engineering
Operators For Real Time Process Monitoring And
Control**



**LS Frequency
Converter (VFD)**



**Yaskawa Frequency
Converter (VFD)**



Build Automation Electrical Panels





Servo Driver's Control's

TO CONTROL A SERVO DRIVE, YOU USE PULSE WIDTH MODULATION (PWM). PWM INVOLVES SENDING ELECTRICAL PULSES OF VARYING WIDTHS TO THE SERVO DRIVE'S CONTROL INPUT. THE WIDTH OF THESE PULSES DETERMINES THE MOTOR'S POSITION, SPEED, OR TORQUE.



Conveyors Operation Controls

CONVEYOR OPERATION
CONTROL MODELS UTILIZE
VARIOUS SYSTEMS,
INCLUDING PLC-BASED
CONTROL FOR AUTOMATED
TASKS, JOYSTICK CONTROL
FOR VARIABLE SPEED, AND
SIMULATION SOFTWARE TO
MODEL AND TEST CONVEYOR
SYSTEMS BEFORE PHYSICAL
IMPLEMENTATION



Our Dealing with Suppliers

OMRON

YASKAWA

SIEMENS

Schneider
Electric



Our Dealing with Suppliers



Customer's



EVERGREEN ELECTRICALS & ENGINEERING

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RKM

INDUSTRIAL AUTOMATION