

EtherCAT®



INDUSTRIAL
AUTOMATION

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





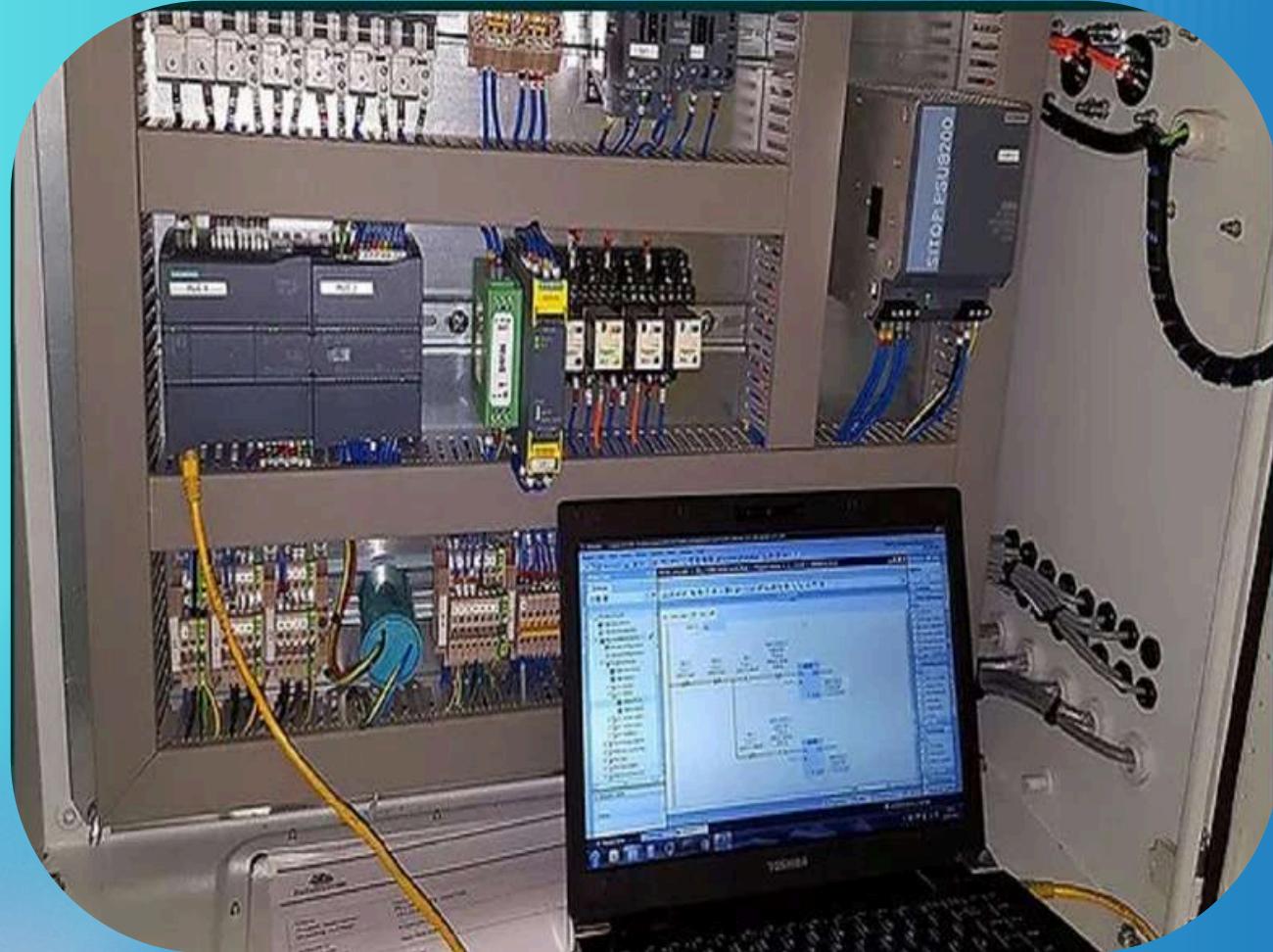
VFD Frequency Converters Controls

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

ABB

FP

MITSUBISHI

DELTA

IC
10

Our Dealing with Suppliers

BECKHOFF



FATEK®

Rexroth
Bosch Group



Parker



SICK
Sensor Intelligence.

Danfoss

Kinco
Automation

Customer's



The logo for Evergreen Electricals & Engineering features a green and white stylized lightning bolt or leaf design. To the right, the company name "EVERGREEN ELECTRICALS & ENGINEERING" is written in blue capital letters. Below the name, the address "Reg office :No:3/506, Second Floor,V.P.G Avenue, Mettukuppam, Chennai 600 097." is written in black. Underneath the address, the email "Email.id: evergreenelecengg@gmail.com" is written in red. At the bottom, the text "EA GRADE LICENCE NO: 3665" is written in black.

JEDDAH PANEL BOARD FACTORY
Electrical Panels Builder
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C.R. 4030036446
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