

# PLC / SCADA BASED AUTOMATION



Automation is key to achieve efficiency, reliability, repeatability and higher productivity in industrial operations and has become major contributor to success of an industry in this ever competitive business scenario.

We provide complete automation solutions which include PLC, MMI, SCADA system, Drives, Servos and Field instruments for petrochemical, pharmaceutical, steel plant, power plant, hydro power plant, process industries and lift irrigation projects. We are Authorized System Integrator of GE FANUC, the most reputed and trusted name world wide for PLC and SCADA system. GE FANUC has wide variety of PLCs starting from micro PLC to large triple redundancy fail safe TUV certified systems for extremely critical applications.

We have developed special skill in automation of hydro power plants and lift irrigation jobs including transmission of data to remote location for monitoring and control. We provide complete automation solutions including supply of PLC panels, Unit control boards, Relay and control panels, Field instruments, Data connectivity, DC systems, UPS, Distribution boards etc. for project.

We have wide variety of PLC, drives, displays, servos & SCADA packages as mentioned below:

## VersaMax<sup>®</sup> Micro Nano



A palm-sized, powerful controller with an all-in-one construction that saves panel space with a full range functions. Its easily snaps onto a DIN-rail or mounting in a panel for quick and easy installation.

## VersaMax<sup>®</sup> PLC



Part of an innovative control family that combines powerful CPU with broad selection of I/O modules, terminations, power supplies, communication modules link to a variety of networks.

## Series 90<sup>™</sup>-30



Whether for a simple relay replacement or for a more sophisticated mid-range automation system, this versatile PLC, with its innovative architecture and modular design, fits a wide range of applications.

## PACSystems<sup>™</sup> Rx3i



An integrated programmable automation controller (PAC) solution - combines flexibility, openness, and performance without historical burden of migration path or conversion at an affordable price.

## QuickPanel<sup>™</sup> Control & View

Our series of bundled control and visualization solutions which integrates our best selling Quick Panel touch screens with our award-winning CIMPLICITY<sup>®</sup> Machine Edition software.



## Series 90<sup>™</sup>-70

PLCs designed to take on most demanding and complex applications requiring large numbers of I/O and greater amounts of process memory.



## PAC Systems<sup>™</sup> Rx7i

Part of PAC family of solutions designed with more power, memory and bandwidth to handle mid-to-high-end applications while providing all the innovative functionality of other PAC System platforms.



## Drives / Servos :

We offer wide range of Drives / Servos for most demanding application in industries.



CIMPLICITY software is scalable from a Human Machine Interface to a fully networked Supervisory Control and Data Acquisition (SCADA) system. The networking capabilities inherent at all levels within the product line let you achieve levels of integration that virtually eliminate redundant configuration within a network.

## Uninterrupted Power Supply (UPS)

We are authorized dealer for ON LINE UPS of India's most trusted brand DB Power to provide reliable back up power. DB has wide variety of rugged and reliable industrial duty UPS including hot redundant design. One of the very few manufacturers approved with all the major consultants in India including EIL.

- |   |   |  |
|---|---|--|
| 1. EU 110 (1Ph. / 1Ph.) - 2 KVA                                     | 2. HN 110 (1Ph. / 1Ph.) - 1- 3 KVA            | 3. Lnx 110 (1Ph. / 1Ph.) - 3 6 6 KVA         |
| 4. Hnux 110 (1Ph. / 1Ph.) - 1- 3 KVA                                | 5. LX 110 (1Ph. / 1Ph.) - 7.5 KVA             | 6. LN 3100 (3Ph. / 1Ph.) - 10 - 40 KVA       |
| 7. LN 3300 (3Ph. / 3Ph.) - 10 - 40 KVA                              | 8. Synergy 3100 (3Ph. / 1Ph.) - 60 - 120 KVA  | 9. Synergy 3300 (3Ph. / 3Ph.) - 60 - 120 KVA |
| 10. Harmony 3100 (3Ph. / 1Ph.) - 10 - 60 KVA                        | 11. Harmony 3300 (3Ph. / 3Ph.) - 10 - 250 KVA | 12. INSTA Switch - 3 6 6 KVA                 |
| 13. Digital Active Power Factor Corrector (DAPFC) - 60A, 100A, 150A | 14. Digsync - (3Ph. / 3Ph.) - 160 KVA         | 15. CHLORIDE range of UPS                    |

## Instruments

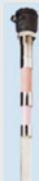
We are dealer for level measuring instruments of SAPCON. Their major products at a glance.

### Electromechanical Type

Vibrating Fork (SLM series)  
Fluidofork (SLF...series)  
Rotating Paddle type (SLMR series)

### RF-Admittance Type

R.F. admittance level limit switch (SLA...M series)  
Admittance level limit switch (SLA series)  
Intelligent admittance level limit switch (MP-SLA...series)



### RF-Capacitance Type

Compact capacitance level switch (SLS...series)  
Capacitance level switch (SLC series)  
Intelligent capacitance level switch (MP-SLC...series)  
Continuous level indicator (ILC...series)



### Conductivity Type

Conductivity level switch (SLW...series)

### Speed Monitoring System

Speed-O-Tester (SSI...series)