



SINCERITY  
INTEGRITY  
COMMITMENT



**SCHNELL**  
ENGINEERING

# AUTOMATION

SCHNELL has expertise in providing solution based on process monitoring, control and Industrial Automation. In the digital era, we provide Optimum, Precise and Effective Solution to improve Efficiency of Process Industries. We believe in modern process technique like process modelling & its Simulation before implementing it in the field.

The Automation Solutions include Process and Discrete applications offered in domains including Oil & Gas, Food & Beverage, Life sciences, Power Generation, to Process OEMs industry. The integrated automation solutions are also offered for Customized Solutions.

#### Benefits of SCHNELL Automation:

- Safety
- Product Quality
- Reliability
- Production Economy
- Flexible Production
- Production Control

## Adaptability

### 100 % ADJUSTABLE :

- The various automation factors are incorporated very early in the project.
- This way, your terms can actively participate in the Design and Ergonomics of the Control System.
- Our Simulation Platforms let you experience the entire facility along with your operators, for Fully Reliable Training prior of Start-up

### Our Automation solutions includes:

- DCS (Distributed Control System)
- PLC (Programmable Logic Controller) system
- VFDs (Variable Frequency Drives) for Motor Speed
- Supply & Manufacturing of Control Panels
- Supply of comprehensive SCADA solutions
- Wireless communications solutions with control systems
- Third Party connectivity solutions with networks like Ethernet IP, Controlnet, Devicenet, Profibus, Profinet, Modbus and more.

## Reliability

With more than 20 seasoned automation specialists and more than 20 Years of Experience in industrial automation and data processing. SCHNELL gives you the benefit of Unique Expertise that is Recognized Worldwide.

Performance Diagnostics.

Real- time and historical tracking.

Interlocks.

Clear and ergonomic control stations.

Production reports that can be understood by local teams and that can be interactively defined.

Continuous monitoring of key process indicators.

Connection to the ERP (Enterprise Resource Planning) Systems.

Acceptance-testing Software.

Open architecture, based on the solution

Available on the market. Unrestricted Program access.





# IT SOLUTIONS



## Major Skill Set

VB.Net  
MS SQL Server  
ASP.Net MVC/RESTful Services  
HTML5/JQuery/CSS3/Bootstrap  
AngularJs/Angular2+  
Anroid & iOS  
SAP Crystal Reports

## Software Solutions

Device Drivers for PLC, Batch controllers, Card readers, Weigh bridges and other Modbus serial and TCP/IP devices. Terminal Management Software. MIS software and Report generations for Dairy .Tank Farm Management Solutions. Access Control Solutions.Interface with Third party devices. PLC interface and SCADA software. Mobile Applications and OPC interface.

## MES/MIS / Analytics /DB

Maintenance Management  
Production Management  
Predictive Management  
Alarm Management  
Downtime Analytics  
LIMS/SAP Connectivity  
ERP integration

## Customised Software

Asset Management & Performance, Incident Management, Calibration Management, Database Management, E logbook, Android / IOS Applications, Electronic batch process ( CFR part 11 Compliance system ), Raw Material Management , OEE & Line Integration  
Real Time Monitoring, Batch Report/Golden batch  
Energy Management

## Features:

- Custom reports exactly as per user needs
- Tabular Reports / Summary Reports / Trends / Charts (X-Y chart, pie chart, bar chart etc.)
- Installation wise / site wise / device wise reports
- Automatic report generation / printing / email as per schedule
- Any report / chart can contain manual as well as automatic data
- Access rights allocation per report

## Advantages:

- Real time reporting
- Multiple users can generate/view reports
- Can schedule automatic report generation
- Report printing, saving, distribution by email

## Industries We Serve



Oil & Gas



Food &  
Beverage



Power  
Generation

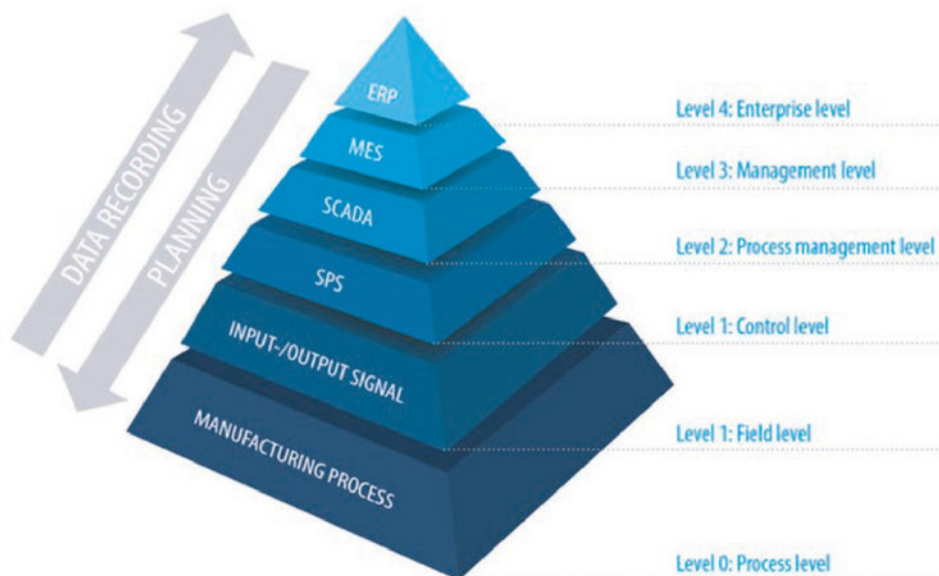
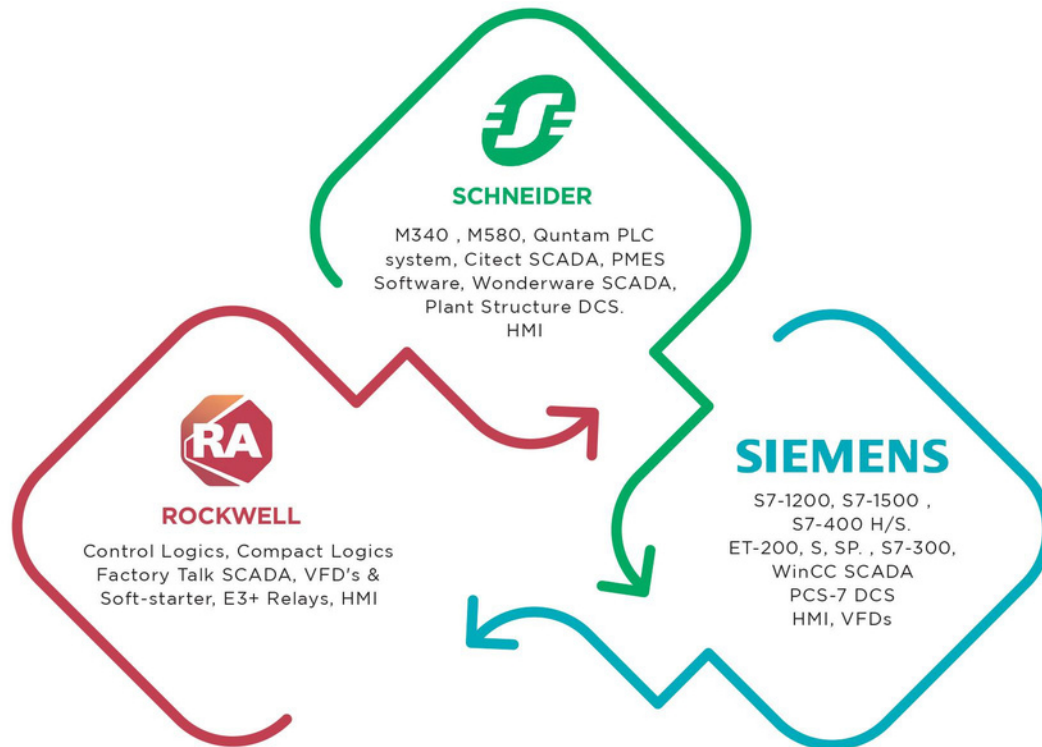


Manufacturing

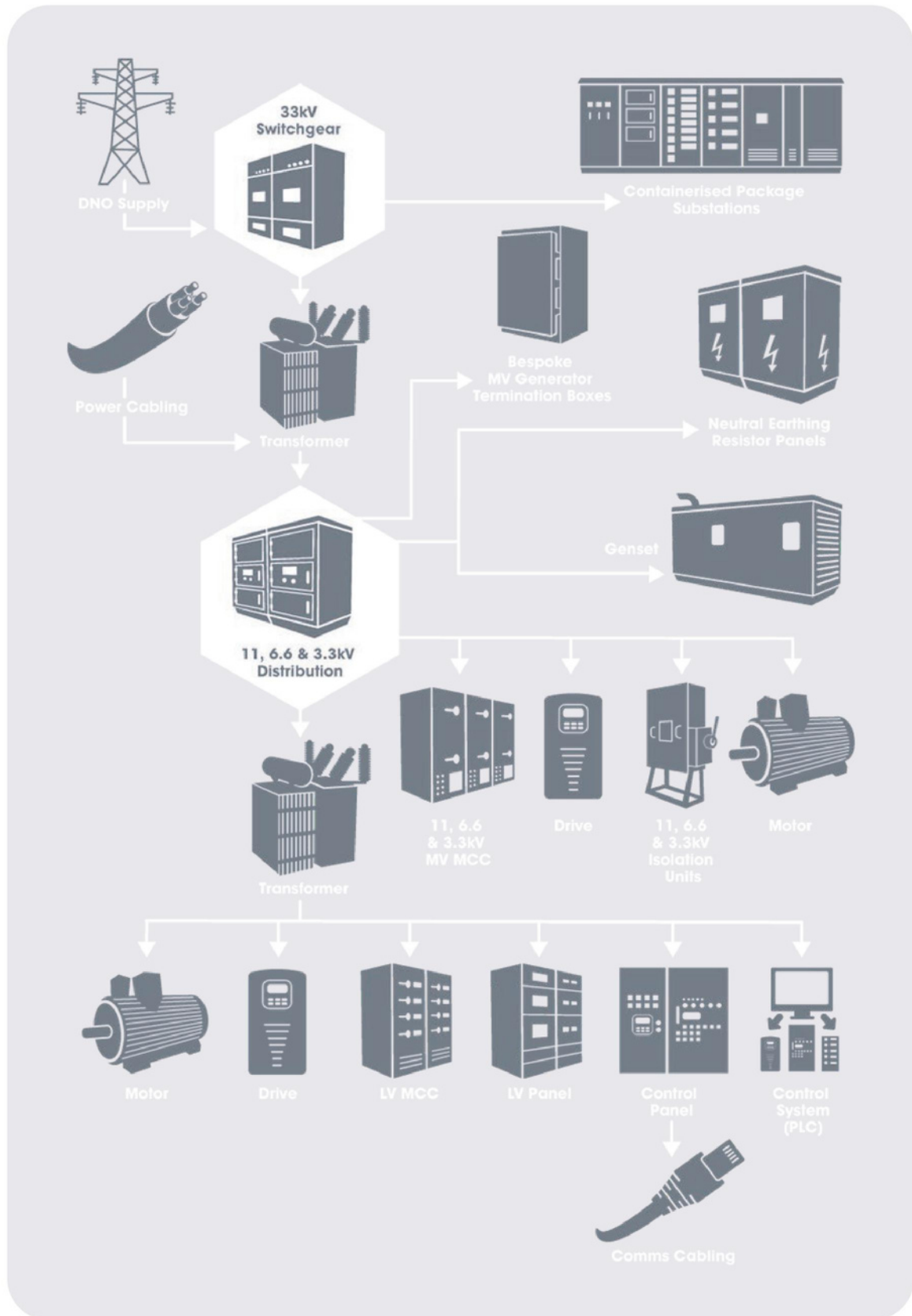


Life sciences

**Our Expertise is in various industrial automation solutions:**



# END-TO-END SOLUTIONS IN ELECTRICAL SYSTEMS:





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