

**15** Celebrating  
15<sup>th</sup> Year  
of Excellence  
2001-2015

**SMEC**  
SMEC AUTOMATION

**INDUSTRIAL  
SOLUTIONS**

A collection of white and grey industrial control panels and cabinets. Some have digital displays and keypad interfaces. One panel prominently features the SMEC logo. The background is a blue gradient.

## About SMEC Automation

**S**MEC Automation Pvt. Ltd, is a Multinational Industrial and Marine Automation Company and is the leading solution provider in Industrial and Marine Automation, Instrumentation and Electrical domains by providing top-notch professional service and products. Operations within India are carried out from branches in Cochin, Mumbai, Chennai, Vishakhapatnam and Mangalore. Global operations are streamlined through the Paris and Singapore office and through various sister concerns and company tie-ups. SMEC Automation has a strong presence in the Middle East with a large task force based in Sharjah, UAE as well.

Marine Automation, Process Control Instrumentation and Factory Automation, Power and Electrical, Solar PV Systems, Building Management Systems, AMF Panel are our main interests.

### Expertise in

- \* **Electrical Installation and Service**
- \* **Instrumentation & Automation**
- \* **Renewable Energy**
- \* **Marine, Dry-docks & Offshore**



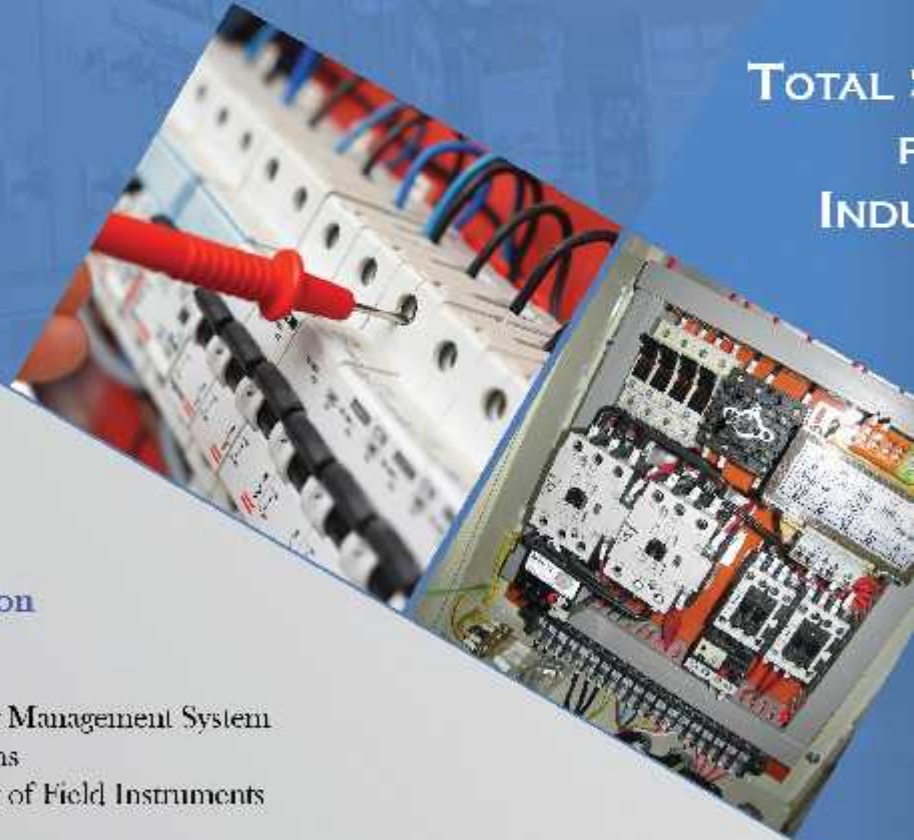
## Project Division:

We have proven expertise and competence in providing professional services in the given stated domains

### Electrical Installation and Service

- Main Switch Board Panels
- Boiler Control Systems
- Soft Starter Panels
- Pump Control Systems
- PLC based Control Panels
- Auto Mains Failure Panels
- Emergency Switch Boards
- Distribution Boards
- Compressor Control System
- Conveyor Control Systems
- Air Handling Systems
- Navigational Light Control Panel
- Energy Management System
- Variable Frequency Drive Panels
- CCTV Camera installation
- Complete Building Automation System
- Power & Motor Control Center Panels
- Automatic Power Factor Control Panels
- DG Synchronisation & Load Sharing Panels
- Monitoring and Data Acquisition System
- Water Treatment Plants and Pump Automation System

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### Instrumentation & Automation

- Industrial Automation
- Building Automation / Building Management System
- PLC, SCADA and HMI Systems
- Installation and Commissioning of Field Instruments
- Maintenance and Calibration
- PID Controllers

## Renewable Energy

- Solar PV Systems (Battery System, Inverter, Solar Charge Controllers, Solar Panels etc.)
- Solar Water Heater Systems.

SOLUTION  
FOR  
INDUSTRIES

## Marine, DryDocks & Offshore

- Main Engine Remote Control and Bridge Manuevering Systems.
- Boiler Automation Combustion Control systems
- Boiler Feed Water Control Systems
- UMS and Alarm Monitoring Systems
- Generator Load Sharing and Control Systems
- Steering Gear Control Systems
- Pneumatic Systems
- Purifier Automation
- Oil Water Separator Systems
- Fire Alarm Systems
- Jack up Rig System
- Inert Gas Systems
- Tank Level Measuring Systems
- ODME
- Doppler Speed Log
- Echo Sounder
- Motor Repair and Rewinding
- Thermographic Test
- Primary and Secondary Current Injection test.



We Are Authorized System Integrators and Suppliers of :



Provide technologies and solutions to make energy safe, reliable, efficient, productive and green. With a unique range of products in electrical distribution, industrial automation, critical power and cooling, building management and security, Schneider electric is the only global specialist in energy management and a world leader in energy efficiency.



Global market leader and innovator in the field of Electrical Engineering. Products portfolio includes in Power Supply with Renewable Energy Sources, Device, Machine and Control Cabinet Engineering. Automation and safety systems for protecting people, Machines and Data, Infrastructure Solutions.



INSTRUMENTS

VAF Instruments is the most preferred supplier of the top 100 shipyards & market leader in maritime measurement systems today.



Established in Denmark in 1933, today DEIF is a global supplier of green, safe and reliable control solutions for Decentralised Power Production, Marine and Offshore and wind turbines.



SEACOM



## Research & Development Wing

SMEC Automation Pvt. Ltd. is equipped with in-house research and development wing which provides solutions for customized requirements from any industry. Backed up by industry and high profile engineers, the Research and Development Wing is able to realize ideas and innovations which is even only in minds and papers, and can be integrated with standard products.

- Robotic Automation Systems
- Embedded Solutions for Automation
- Artificial Intelligence and Fuzzy logic
- Industrial Information Technology solutions
- Customized Testing Solutions

SMEC Automation serves Establishments like:



- Liquid Propulsions Systems Centre
- Binani Zinc Ltd.
- Aalborg Industries
- Hindustan Shipyard Limited
- Great Eastern Shipping company
- Colombo dockyard, Sri Lanka
- Bhabha Atomic Research Centre

- Vikram Sarabhai Space Centre (VSSC)
- MIL Controls Pvt. Ltd.
- Dubai dry Dock UAE
- NIT Calicut
- MILMA
- PWD , Govt. of Kerala
- Leela Kempinskia
- and many more..



Offering professional total solution in the field of industrial Automation, Instrumentation and Electrical based products of our international partners.

Range of our service consist of Solar PV Systems, PLC, Drives, HMI, SCADA Software, Viscosity Meters, Liquid Flow meter, Shaft Power & Torque meter, ODME, Power Supplies and UPS, Circuit breakers, Switchgears, Connectors, Surge protectors and Interference systems, Relay modules, etc.





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*Always Switched on*