Reducing the carbon footprints across the nation!
About Ourselves

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Introduction of the company

We are a complete solution provider in the field of Industrial Automation, Instrumentation and Electrical.

With our professional experience and expertise, we take pride in providing outstanding services to our clients. We have more than 15 years of experience in providing automation solutions to more than 450 customers in India, Africa, America, Europe and South Asia continents.

Following are the key Industrial segments, where we are providing our solutions and products from last 15 years:

1. Power Plants (Thermal, Hydro)
2. Boilers (AFBC, CFBC)
3. Sugar Industry (Sugarcane, Beetroot)
4. Cement (Grinding Units, Conveyor Systems)
5. Metals (Rolling Mills, Furnaces)
6. Chemical Industry
7. Water (STP, WTP Off-take, distribution)
8. Ash Handling Plants (Dry and Wet process)
Introduction of the company

Our experience is wide-ranging in many disciplines including Steel Plant, Oil Refineries, Thermal Power Plant, Cement Plant, Sugar plant, Chemical plant, Water Treatment Plant and Fertilizer plant.

We are associated with ISGEC Heavy Engineering Ltd from last 16 years and provided automation solutions for Sugar and Power industries (over 300 plants) including major expansions of varied capacities. We have supplied automation system for Sugar/Power plants to more than 15 countries in South Africa and South East Asia besides India.

We provide comprehensive engineering solutions for various applications in Sugar & Distillery Processing Lines. We have recently commissioned a complete DCS system based on ABB SCADA, covering all sections of sugar refining process including Filtration, Decolorization, Batch Pan Control and Product handling.

We are specialized in engineering and integrating systems with ABB range of PLCs, DCS, Drives, SCADA and Instruments. We are also Premium System Integrator of ABB India Ltd.
Overview of our Services

We offer the following range of services in Industrial Automation:

- Study the process and customer requirement
- Design & Engineering of Electrical & Automation system
- Selection of PLC, AC/DC Drives and other components
- Development of PLC software
- Design the Control Panel Integration of the system
- Installation and commissioning at customer premises
- Training to customer Engineers/Technicians.

We are ahead of the competition in such a short span with consistent quality improvement & prompt services. We also maintains sufficient stock of products supplies for Instruments, Drives, PLC module and Switchgear to provide immediate priority service to our customers.
Industries - Power

We offer Power plant Automation solutions for both conventional Power Plants like Thermal Power plants as well as non-conventional Power plants like Solar, Wind Power, Hydel Power as well as Bio Diesel plants. The Power portfolio includes variety of applications like

- Power Generation including Boiler Automation
- Coal Handling Plant, Ash Handling plant
- Complete Instrumentation package for Power plant
- Solar Power Plant Automation
- Rotational Load Power Shedding
- Substation Automation
- Energy Management Solutions
- Power Distribution

We undertake complete automation as well as Turnkey Instrumentation packages in Power sector.
Our Install-base/Clientele

Some of the Major Power Industry Installed-base includes:

- HPGCL
- TATA POWER-DDL
- NTPC
- JINDAL STEEL & POWER
- ALSTOM
- Bhushan POWER & STEEL
- JAIPRAKASH POWER VENTURES LIMITED
- MAGALDI
- NALWA STEEL & POWER
- UPRVUNL
- ADANI
- KALPA-TARU POWER TRANSMISSION
- HMEL
Industries - Sugar

We provide comprehensive engineering solutions for various applications in Sugar & Distillery Processing Lines. We have commissioned many complete DCS system based Control system on ABB SCADA, covering all sections of sugar refining process including Filtration, Decolorization, Batch Pan Control and Product handling.

We cover Electrical & Automation of following Section in Sugar Industry:

- Auto Cane Feed Control System (DCS/PLC/CONVENTIONAL)
- Milling Control System (DCS/PLC/CONVENTIONAL)
- Mill Overload Control System (DCS/PLC/CONVENTIONAL)
- Mill D. Chute Flapper Control (DCS/PLC).
- Differential Pressure Control System (DCS/PLC/)
- Automation of PAN Feed Control System (DCS/PLC/).
- Boiler Automation Control System (DCS/PLC/).
- Auto Lime Dosing System (DCS/PLC/).
- Water Flow Meter With Totalizer.
- Juice Flow Stabilization System (DCS/PLC/).
- Automation of P.R.D Station (DCS/PLC/).
- Automation of De-Superheating System.
- Automation of Molasses receiving Tank (PLC/DCS based Three Loop Control System)
- Condensate Water Conductivity Control System.
- Centrifugal Machine Automation (DCS/PLC).
- EVAPORATOR BODY & JUICE HEATING SY STEM
Our Install-base/Clientele

Some of the Major Sugar Industry Installed-base includes:

- Bajaj Hindusthan Ltd
- DCM Shriram Daural ASugar Mill
- Core Green Group
- Daund Sugar Ltd.
- DSCL Sugar
- Dwarikesh Sugar Industries Limited
- Indian Sucrose Limited
- Simbhaoli Sugars
- UTTAM
- White Nile Sugar Co.
- Godavari Biorefineries Ltd
- Sugar Power Consulting Pvt Ltd
- Gangakhed Sugar & Energy Limited
- Kothari Sugars and Chemicals Ltd
- ABSugar
- Rana Sugars Limited
Industries - Cement

Cement manufacturing as a process and as a core industry has undergone many stages of transformation in recent years. We holds deep domain knowledge of the industry and hence, is equipped to offer customized service that are directed to meet the needs of clients from cement plants. We delivers reliable Automation Solutions for cement plants. We also execute turnkey cement projects for Cement Plants.

In cement we have done below applications:

- Grinding Unit automation
- Packing Plant
- Fly ash Handling
- Crushing Plant
- Bulk Loading Section
- Fly ash Silo
- Roller Press
- Silo Extraction system
- Turnkey Projects with commissioning
- AMC for Control Systems
Our Install-base/Clientele

Some of the Major Cement Industry Installed-base includes:
We have our presence in Heavy Industries like Metals. We have done applications with customers like Tata Steels, Vizag Steel Plant, SAIL, JSL etc. wherein our systems have been inspected by consultants like M.N.Dastur and Mecon.

The applications in metals include:

- Pulverized Coal Supply system for Blast Furnace
- Bottom Blowing Process in Blast Furnace
- Welding Arc Furnace
- Material Handling
- Cut to length metal line
- Color coating lines, Galvanizing and Pickling lines
- Energy Monitoring System
- Control system for Splash Oil Monitoring
- Up-gradation of Roughing Area plate Mill, Steckel Mill, Strip Mill
- Control System for Walking Beam Slab Preheating Furnace, Fume extraction( AOD and EAF), Drives for Dog House, AOD, Pickling line, Blast furnace etc.
- MCP For Vessel Exchange Car
Our Install-base/Clientele

Some of the Major Metal Industry Installed-base includes:

- Jindal Stainless
- Eastern Steel Corporation
- SAIL
- Vizag Steel
- Hisar Metal Industries Ltd.
- Hindustan Zinc Limited
- Tata Steel
- Paul Wurth
- Siemens
- SMS Group
The water is one of the scarcest natural resources on earth today and lots of investments are happening in Water and Waste water industry. Whether it is treatment of water in WTPs (Water Treatment Plants), STPs (Sewage Treatment Plants), ETPs (Effluent Treatment Plants) the automation has become mandatory to meet process requirements as well as regulatory compliance's. Our solutions range from automation to turnkey Instrumentation packages including supply and erection of Valves, Instruments and other Analyzers. The applications include:

- Water Distribution for large cities and towns
- Water Treatment plants with distribution
- Irrigation including water pumping and distribution in farms in villages
- Sewage Treatment plants for Municipal corporations
- Effluent Treatment Plants for various manufacturing plants
- RO plants and Tube wells automation

We undertake complete electrical solutions, automation solutions as well as Instrumentation packages for Water industry. We have done these applications with Municipal corporations of various states as well as with private industry. We also have an expertise in offering wireless communication solutions with RTUs and centralized monitoring and control.
Our Install-base/Clientele

Some of the Major **Water & Waste-water Industry** Installed-base includes:

- Geo Miller & Co. Pvt. Ltd.
- Century Pulp & Paper
- GSJ
- Suez Environment
- Driplex Water Engineering Ltd.
- Gannon Dunkerley
- CENTRAL WATER SUPPLY & SANITARY SERVICES (CWS & SSS)
- Indorama
- Sukriti
- DLF Cybercity
- WAPP
- Huda
- Hyderabad Urban Development Authority
- SPML Engineering
- Simhapuri Energy
- Kolkata Municipal Corporation
- Kerala Water Authority
- Govt. of Kerala
We have been dedicating to the development and utilization of clean energy, thus providing green energy for human beings continuously. Solar Power is the conversion of sunlight into electricity, either directly using photo-voltaics or indirectly concentrated solar power. All the equipment put together to generate the electricity through solar is known as solar power plant. Solar power systems provide a continuous, reliable power solution that’s easily deployed, cost-effective and requires little maintenance. Solar Power Systems are complete, fully integrated solar power supplies designed for site loads requiring 12, 24 or 48 volts DC. Each solar power system provides safe and reliable power generation without the need and expense of installing utility power. The sealed, maintenance free batteries are designed for deep cycle operation and extended life in solar applications.

- Features: Stand alone system
- Free fuel for power generation
- Generate power 365 days

Reduce your carbon footprint, increase your property value, and save on energy bills with the help of Mother Nature.
Our Install-base/Clientele

Some of the Major Solar Industry Installed-base includes:

- SunBorne Energy
- Singhal Forestry Pvt. Ltd
- RAYS POWER INFRA
- ABB
- SolarPath
- SolarPower
- Absolute Green Energy
- EPS

Industrial IT Solutions Pvt Ltd
Industries – Chemicals

We are equipped to undertake Process Automation projects in various process industries specially Chemical & Petrochemical Plants. Below are the areas of application are:

• Edible Oil Refineries
• Chemical Plants
• Pesticide Formulation Plants
• Soap and Detergent Manufacturing
• Petrochemical Industry
Our Install-base/Clientele

Some of the Major Chemical Industry Installed-base includes:

- Bindal
- HPL Additives
- AshokaCorp
- SRF
- LCAL
- IOL
- Khaitan Chemicals & Fertilizers Limited
- Gulshan Polyols Limited
Industries – Food & Beverages

Regardless of what control systems you use today, or whether you’re expanding current manufacturing or building a new plant, We will help you enjoy the taste of success.

Our solution offers a wide range of sophisticated functionality that addresses the needs of your industry and enables productivity, quality and continuous improvements.

In an industry driven by consumer taste as well as by technical innovation, our solutions help you:

• Ensure reliable and cost-effective 24/7 production
• Introduce faster and more flexible supply lines
• Meet demands for track and trace and regulatory compliance
• Increase visibility in manufacturing
• Improve the services that your customers demand of you
Our Install-base/Clientele

Some of the Major **Food & Beverages** Installed-base includes:

- ARTAN
- CDBL
- LT Foods
- SSP
- Satya
- JUBLILANT
- MOTHER DAIRY
- V3
Our Team

Mr. S. Azad (Director): A highly qualified & experienced graduate engineer having experience of over 40 years in the line of Process Control and Instrumentation formerly working as President of ABB Instrumentation Ltd, looking after the entire operation of the organization.

Mr. Puneet Azad (Director): A Graduate Engineer having a rich experience of 24 years for Design, Engineering and Commissioning of large Distributed Control Systems and Programmable logic Controllers, formerly with ABB Automation division, executed DCS & PLC projects at IOCL Panipat, Oswal Chemicals & Fertilizers, Shriram fluoro chemicals, Indogulf, Max GB etc. while working with ABB.

Mr. Sumeet Tyagi (Director): An Electronics engineer having 24 years of experience in Software & Hardware of Distributed Control System. Initially at Birla Kent Taylor Ltd and then ABB Automation, looked after Technical services, Maintenance and project monitoring of DCS and Instrumentation. He was Lead Engineer in Major Projects like IB Thermal Plant, Tank Farm Project at Reliance Hazira, 60 TPH Boiler at Orient paper mills etc.
Our Team

Mr. Amrish Pandit (General Manager): An IIT-Roorkee Engineer with MBA in operation Management having experience over 22 years in the Field of Process Automation & Control, Design, Engineering, Maintenance, Project execution.

Mr. Rahul Kulshreshtha (Manager - Operations): An IT Engineer having a rich experience of 16 years in Business Processes, Factory Operations, ITES, SAP/ERP, Software Development and management activities, and presently handling all the operational activities of the organisation.

Mr. Manoj Gautam (Asst. Manager - Drive Automation): An Engineer having a rich experience of 8 years in Design & Engineering, execution, installation, commissioning of electrical panels of various types.

Mr. Hemant Kumar Dogra (Manager - Sales & Services): An Electrical Engineer having a rich experience of 17 years in electrical (Proposals, Planning, Design, Automation, Execution & Commissioning) of all Domestic & Export Turnkey Projects.
Our Team

Mr. Vipin Tyagi (Asst. Manager - Drives Automation):
B. Tech. Engineer having a rich experience of 10 years in Drives Automation, maintenance, Commissioning and servicing. Presently looking after the Service division.

Mr. Manoj Kumar Soti (Asst. Manager - Materials):
Having experience of 10 years in Materials Management, Procurement, SCM and cost saving procedures. Presently looking after all the SCM activities.

Mr. Raj Kumar Pandey (Asst. Manager - Production):
A Diploma Engineer having a rich experience of 15 years of maintenance, manufacturing of Panels and commissioning activities, presently looking after the production at Factory.

Mr. Braham Dev Sharma (Asst. Manager - Order Management):
A Graduate Engineer having a vast experience of 16 years in ITES, Order Management, ERP and presently looking after Customer support and Order Management.

We are also registered with the National Small Industries Corporation Limited, New Delhi under single point registration of participation in Central Govt, Stores Purchase with DGS & D with the Registration no. NSIC/GP/PAR/2015/0016713.

The certificates serves as the token of trust on us from our clients. We have received lots of Appreciation Letters and certificates from our clients for our Projects and Services.
Contact us

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