

“Nano Technologiess”

About Us

“Nano Technologiess” is one of leading Automation Industry and system integrators in the market. We are in the business of providing world-class automation solutions for companies of all sizes. We cater to the needs of a variety of industry segments like Automotive, Printing and Packaging, Food and Pharma etc. “Nano Technologiess” well known for its quality of capability, high flexibility, excellent quality, and project management skills.

We have an enviable track record of implementing many end-to-end automation solutions in almost every industry. Our consistent quality implementation along with dedicated support service makes our customer's industries perform in a stable, reliable, and efficient manner.

We use the best technology to design, develop, and build solutions that meet our customer specifications. Our team of engineers works consistently to ensure that you get optimum performance and maximum uptime in the machine from our solutions. We conduct feasibility studies before integrating the systems into your plants.

We also provide adequate training to your staff to familiarize them with the functioning of the newly installed system. Our support staff is always willing to help you in case you face any troubles while operating our systems.

“Nano Technologiess” is committed to quality in all its ventures. It seeks continuous improvement in all aspects of its business functions such as project management, cost control, customer support, and technology.

Vision

Our vision is to emerge as the market leader in providing automation solutions that will enhance our client's productivity and reduce their operation costs.

Mission

At “Nano Technologiess”, our mission is to develop innovative automation solutions that exceed customer expectations and serve as a hallmark of quality.

Management

“Nano Technologiess” managed by an experienced and cohesive team. The visionary team is responsible for the rapid growth and development of our company. Under the guidance of our management, we have completed a number of projects successfully. Our board members have extensive experience in the Industrial Automation and Process Automation Industries.

Our team is goal-oriented and futuristic in its approach. Our management team puts a priority on operational excellence. We continually seek to improve our manufacturing processes, distribution logistics, and on-time delivery performance to exceed customer expectations. “Nano Technologiess” focused on developing new and more efficient technologies to help our customers. We constantly strive to be better partners with our customers and to be more connected and more customer-focused than our competitors do. The board carefully weighs all the aspects of a problem before resolving any serious issue and taking critical decisions. It is due to this wise approach that the company has always excelled at achieving its goals.

Project Division

Our Project Division comprises of highly trained, professional, and qualified engineers dedicated to serving our customers. Our engineers are committed individuals who believe perfection is the key to winning customer loyalty. They constantly strive to provide satisfactory services in segments such as Field Engineering, Erection, and Commissioning of Control & Instrumentation Systems.

Throughout the whole chain from conceptual engineering to installation and commissioning, we are there for you. Our support includes everything from service and maintenance of all our systems to spare parts. We begin with visiting the project site, preparing a prologue, and creating the basic system design. Next, we indulge in preparation of system components and hardware as per the specifications.

We procure all the necessary materials such as cable pipes, tubes, fittings, manifolds, cable trays, junction boxes. Our team then begins the field installation process followed by commissioning and starts up of the systems. The project culminates with customer training covering all aspects of process control instrumentation.

Electrical Panel Division - Manufacturing and Erection

“Nano Technologiess” has an in-house design and manufacturing unit that specializes in all kinds of electrical, Instrumentation, PLC control panels etc. Well-qualified and talented personnel manage both the units.

The unique range of Control Panel that we manufacture and supply is widely appreciated by our various clients. Our quality-tested panels are easy to operate and install and are well known for their superior performance. Our electric control panels are fabricated from the finest quality of the raw material procured from the trusted vendors of the industry. Our product range includes regular & large Size Control Panels, Custom Designed OEM Panels, Control & Relay Panels, Control Desk, and Stainless Steel Panels for Pharma and Food Processing

Our control panels ensure durability, high performance, and trouble free operation, less maintenance. For sustaining in the highly competitive marketplace, we are constantly engaged in providing superior quality control panels to our clients. Comprising of incoming inspections, in-process inspections and final range inspection, our quality management system assures that our control panels are reliable and dependable.

Our ethical business practices and customer-centric approach has helped us win the hearts of our loyal customers.

Support

We offer PLC support in the form of programming, technical support and consulting. We're available to help you with everyday operations as well as special projects. With our apt solutions, we hope to reduce the complexity of the PLC process for your company.

We offer complete support to our clients in Engineering Machine designing and erecting machines at their plants. We follow the client specification and strive to achieve precision in the designed output and work in accordance with their expectations.

We also assist clients through the entire process of designing, commissioning, and erecting Electronic panels.

Surviving Area's

Our Surviving Area integrated automation systems for your print packaging plant with the aim of reducing operation costs and enhancing productivity.

We provide you flexible automation solutions to tackle these delicate issues effectively.

The food and pharmaceutical sector is a sector within the process industry that demands the most from technical equipment within production plants.

We offer a comprehensive range of building automation systems and HVAC products for every area of use like heating, ventilation, air conditioning, cooling application etc.

We are equipped to undertake automation projects in Cement Industry. Our Cement Solutions extensive application experience translates into the highest levels of service and support, from design and specification through installation and implementation.

Products

“Nano Technologiess” is a trusted supplier of industrial and process automation based products. Its wide range of products includes PLC Panels, HMI, Servo Motors and Gears, VFD, Sensors and Encoders. We also deal in Transmitters, Analysers, Temperature Controllers, Vision Systems, and Safety Switches.

Our products are of the highest quality and belong to the best brands. We boast of an array of internationally branded products. The brands we are associated with comprise of Fuji, Delta, Phoenix, Baumer, CNC and Servo. “Nano Technologiess” is a renowned global supplier with large market shares in selected segments.

Phoenix

Phoenix is an international brand, well-known for its superior quality of industrial automation products. We offer solutions ranging from mobile Bluetooth panel PC for field operation to complex visualization software for extensive automation systems. Our products can make the monitoring of industrial operations an effortless and simple task. Investing in high-grade hardware supported by state-of-the-art technology helps you gain a competitive advantage over your rivals. Our products require less start-up time due to the preconfigured HMI devices. High level of customization and flexibility make our products suitable for both small scale and large industries.

Our controllers are designed to adapt to a variety of industrial needs. Their superior performance has been vouched for by our vast pool of clients. Our Programmable Logic Modules we have impressed our customers with their simplicity and flexibility. Though they are designed for basic applications, one can comfortably gain effective control over a wide range of tasks. The flexible modular design of the Nanoline logic module means that configuration and start-up is easy.

Phoenix is our trusted partner in supplying quality assured products, systems and solutions for electrical engineering. With Phoenix products, we have consistently delivered our promise of quality and affordability to our customers.

- ✓ Plc
- ✓ Network Interface
- ✓ Industries Pc

Baumer

1. Sensors

Baumer offers different types of sensors required in a variety of industrial applications. The sensor is manufactured from the finest quality of raw materials under the supervision of a highly efficient team of engineers. We are Authorized Distributors for Baumer products and we have an exhaustive range of sensors including inductive sensors, capacitive sensors, photoelectric sensors, ultrasonic sensors, and magnetic sensors.

We offer several varieties of inductive sensors such as distance measuring, cylindrical type, full metal housing, rectangular type and wash-down inductive sensors.

Photo Electrical sensors:

- ✓ Distance Measuring Photoelectric sensor,
- ✓ Photo electric sensor in hygienic and Wash-down design,
- ✓ Photo electric fork sensors,
- ✓ Color sensors LOGIPAL,
- ✓ Print Mark Sensors,
- ✓ Fiber Optics and Fiber optics sensors,

- ✓ Laser Copy Counters SCATECH,
- ✓ Line sensor Parcon and Poscon,

Vision systems

- ✓ Vision sensor Verisens
- ✓ Industrial Vision Camera's.

2. Encoders

“Nano Technologiess” is the leading distributor of Baumer Encoders. The vast range of encoders offered by us includes Absolute Encoders, Instrumental and Sine Encoders and Bearingless Encoders. Our encoders have virtually unlimited service life. The damaging effects of soiling do not influence them. With short axial design, large air gap tolerances they are high suitable for high-speed activity. We generally supply encoders for a shaft range of 740 mm. On request, we can also provide customized encoders for shafts with larger diameters.

Being extremely shockproof and vibration proof they serve as ideal solutions for a wide variety of industrial applications. Some of the notable technical features of our encoders are as follows:

- ✓ Analog output signals
- ✓ Incremental square wave and sin signals
- ✓ SSI and CAN open interface
- ✓ Flexible bus covers with CAN Open, Device Net, PROFIBUS, Ether Cat, PROFINET

1. Incremental and sine encoders

- ✓ Incremental encoders
- ✓ Sine encoders

2. Absolute encoders Absolute encoders – parallel

- ✓ Absolute encoders - SSI
- ✓ Absolute encoders - bus interfaces
- ✓ Absolute encoders - modular bus covers

3. Encoders without bearing

- ✓ Encoders without bearing
- ✓ Tachogenerators Tachogenerators
- ✓ Ex/stainless steel
- ✓ encoders, resolvers,
- ✓ inclination sensors
- ✓ Ex encoders
- ✓ Stainless steel encoders
- ✓ Resolvers
- ✓ Inclination sensors

Jeltron

“Nano Technologiess” has teamed up with Jeltron for supplying premium quality industrial VFD’s and Elevator Products. We are proud to be associated with one of the leading industrial automation and motor management companies in India with an ISO 9001:2000 certification. Its cutting edge technology coupled with responsive and agile automation solutions has helped serve our customers in a satisfactory manner. Jeltron is a name that is synonymous with quality and high performance. Efficient functioning is a common attribute underlying all Jeltron products. Our partnership with Jeltron has helped us emerge as the leading distributor of motor management products.

1. Industrial

Our wide range of industrial product offerings encompasses Variable Frequency Drive, Soft Starters, Electronic Motor Brake and Heater Controller. High performance coupled with reliable hardware support ensures that our inverters are employ in both general and industrial applications.

Our low cost, digitally sound soft starters are in high demand amongst our clients. Provision for mechanical brake interlock, adjustable torque setting, programmable JOG time, and full wave DC output are some of the notable features of our Electronic Motor Brakes and Heater Controllers.

- ✓ AC Drives
- ✓ Soft Starter
- ✓ Electronic Motor Brake
- ✓ Heater Controller

2. Elevators

In the elevator segment, we provide Lift Controller, Automatic Rescue Device, Load Cell, Load weighing Controller and Light Curtain Sensor. All our products are technically sound and capable of superior performance. Our customers have experienced low costs, higher productivity, greater flexibility, and better quality output once they switched to using our efficient products.

Fuji

We supply a wide array of Fuji products to our customers. These include VFD,HMI ,PLC’S and Servo. Fuji range of instruments comprise of microjet recorders, paperless recorders, gas analyzers, pressure transmitter, temperature controllers and flow meters.

Our primary goal is to satisfy customers to the best of our ability by providing them with creative and competitive solutions and services that live up to and even exceed their expectations. We emphasize on research and development to accelerate the development of new processes and products, and are committed to manage this development in a transparent way.

- ✓ AC Drives
- ✓ PLC's
- ✓ HMI
- ✓ Servo Drive and Motors

Panasonic

We are one of the primary distributors of Panasonic Servos. This product has impressed our customers with its space saving structure and high performance features. It is lightweight and has a compact built. It is equipped with a powerful core and encoder. Stable speed, low cogging, low noise, and smooth operation have made it the preferred choice of our customers. With Panasonic's support and cooperation, we have succeeded in satisfying our customer needs.

- ✓ AC Drives
- ✓ PLC's
- ✓ HMI
- ✓ Servo Drive and Motors

Delta

Delta is our valued partner in supplying high quality automation products to our clients. Delta products include VFD, HMI, and PLC'S. Delta has been consistently dedicated to quality, reliability, and excellence. It is a trusted name in the industrial automation industry and customers have developed a strong loyalty for its products. Delta is driven by a passion to develop, manufacture, and sell the best HDMI and PLC's in the world. We have forged a strong relationship with Delta to ensure timely delivery of Delta products to our clients.

- ✓ AC Drives
- ✓ PLC's
- ✓ HMI
- ✓ Servo Drive and Motors

Project

Industrial Automation

We are the prominent service providers of SPM Design & Development for our clients, all over the nation. These services are organized with the assistance of our skilled professionals in compliance with the set of industrial standards using highly advanced tools & technology. The services offered by us are executed according the needs of our valuable clients to provide maximum satisfaction.

Welding automation gives you advantages such as high quality, capacity and of course a much higher productivity. We develop and manufacture a wide range of mechanized and automated welding applications to meet our client's diverse needs.

Pick and place is a standard requirement in most plants ranging from simple material handling applications to complex assembly systems. At “Nano Technologiess”, we have been able to design a modular pick and place robot platform, which allows the customer to specify the range, accuracy, and performance of the system.

Combining full automation with stacking and reclaiming, “Nano Technologiess” provides for quick return on investment, through the elimination of manual handling equipment and labour.

We also specialize in CNC Retrofit Kits. Cutting-edge technology and competitive prices put these machines in a league of their own.

- ✓ Multi Level Car Parking system
- ✓ SPM
- ✓ Welding Automation
- ✓ Pick & Place robots
- ✓ stack & Reclaim
- ✓ CNC Retrofit
- ✓ Auto Component outer dia Measurement & run out check up
- ✓ Servo system Based Projects

Processes Industry Automation

Automation has played an increasingly larger role in the field of wastewater treatment during the last few years. We can provide support during the construction of new plants and modernization of existing sewage treatment plants and drinking water treatment plants as a supplier of integral automation solutions. In addition to remote control-based data transmission, O2 and variable pressure controllers, sludge treatment, and other water-specific processes, well-engineered migration strategies in connection with a comprehensive knowledge of a large variety of systems ensure smooth reconnection during operation as well as an enhanced level of functionality.

We are equipped to undertake automation projects in Cement Industry. To stay ahead of the fierce competition in the cement industry, you have to strive continuously to find better ways to increase output and improve quality while reducing cost. Our Cement Solutions extensive application experience translates into the highest levels of service and support, from design and specification through installation and implementation. You can expect an outstanding return on investment from our process automation systems.

For a concrete batching plant, increasing the productivity of concrete while decreasing cost is of high importance. The need for cost effective, efficient, and error-free control of the equipment is therefore paramount. At “Nano Technologiess”, we provide only the best solutions for automation and control of batching plants.

Our solutions to provide a wide variety of batching plant configurations. We strive to achieve this within the scope of a cost effective solution so that our customers can derive maximum returns from their initial investments.

- ✓ Waste Water treatment
- ✓ Cement Plant Automation
- ✓ Batching Plant Automation

SOLUTIONS

“Nano Technologiess” focused on helping its customers succeed in their initiatives for automation and integration. At “Nano Technologiess”, we have staff certified and proficient in a comprehensive array of industry standard automation components, vision systems, robotics, and custom software development. We are a diverse and experienced company that is committed to optimizing your operations and providing innovative automation solutions, enabling advancement in your competitive advantage.

Industrial Automation

There are innumerable advantages of industrial automation. As automation increases the overall productivity of the process and ensures better quality, every organization wants to reap the benefits of this process. We, at “Nano Technologiess”, are a leading engineering house engaged in providing a comprehensive range of products and services in this arena. Our technologically driven organization is a reliable manufacturer and supplier of premium quality PLC based systems, HMI, PC based automation systems, drive system solutions, motion control solutions, etc.

Building Automation

We provide multi-level automated parking systems for cars, that allows cars to be stored and retrieved automatically from parking lots in a simple, safe, reliable and speedy manner .This leads to effective space management and efficient operations resulting in reduced total cost of ownership

We offer a comprehensive range of building automation systems and HVAC products for every area of use like heating, ventilation, air conditioning, cooling application etc. These building management systems are design to help you profit from minimized installation and operating costs.

Process Industry Automation

“Nano Technologiess” partners with customers in order to optimize process efficiency across a variety of industries. From setting specifications and engineering solutions for electrification and plant automation to providing lifecycle service in order to get the maximum benefit out of assets, we have a solution that addresses your challenge and enhances plant performance.

Printing and Packaging

We have solution to help you deploy your packaging machine economically, deliver it quickly, or retrofit it flexibly we offer comprehensive, integrated automation systems that make your machines as future-proof as possible. The advantages of our system for packaging machines include a common standard for automation and communication, open and modular designs, international standards, and a lot more.

Food & Pharma Plants Automation

The food and pharmaceutical sector is a sector within the process industry that demands the most from technical equipment within production plants. Increasingly complex tasks and requirements must be satisfied with a production process that is also flexible enough to meet surging demands. We provide you flexible automation solutions to tackle these delicate issues effectively.

Multi-level car parking Systems

With the help of our expert professionals, we have been able to design Multi Level Car Parking Systems. We design these systems in such a manner that these can accommodate huge numbers of cars at one point of time. These systems was designed in compliance with the international standards and norms in order to gain the complete satisfaction of our customers

“Nano Technologiess”: Customer satisfaction

We possess adequate technical know-how and expertise in system integration, process automation, design engineering and industrial programming. Our company has been relentlessly dedicated to industrial and process automation, with the aim of making our customers more productive and contributing to their growth.

We have been growing at a meteoric rate and consistently expanding our line of products and services. We keep ourselves abreast of the latest technologies and are always one-step ahead of our counterparts. We consistently strive to adapt to newer technologies to bring about rapid improvements in the efficiency, responsiveness, and flexibility of our customer’s operations.

Customer satisfaction ranks high on our list of priorities. Since our establishment, we have remained faithful to our goal of complete consumer satisfaction through outstanding technology, sophisticated design, and superior service.