

# **Corporate Overview**

**Diamond Technologies** is a leading provider of solutions for Automation, Data Collection, Industrial Communications, and Remote Management. Our solutions allow our customers to automate, capture and share data, communicate, and better manage their equipment, processes, and production environments.

A technically innovative company, we provide solutions to a wide range of industries and applications including medical diagnostic and lab automation equipment, packaging machinery, semiconductor processing equipment, warehouse and material handling, industrial equipment suppliers, assembly systems, electrical power generation products, and pharmaceutical manufacturing

Through constant innovation, technical expertise, and collaboration with our customer base we provide reliable solutions that allow our customers to meet the ever changing demands on their businesses.

## **Industrial Communications**

**Diamond Technologies** has provided hundreds of manufacturers, OEMs, and system integrators, with solutions to interconnect devices on all major industrial communication networks. Including: Profibus, DeviceNet, EtherNet/IP,



Modbus-TCP, Profinet, EtherCAT, CANopen, Modbus RTU, ControlNet, Bluetooth, Wireless LAN and more. We have partnered with the leading technology providers in order to give our customers state-of-the-art solutions.

Our design group can also provide custom product designs and can incorporate industrial networking into your existing products.

## Data Collection Systems

Whether you are looking to increase throughput through your warehouse, reduce shipping errors, increase product traceability through the manufacturing process, validate medical samples, ensure product packaging,



or reduce human error in data entry, **Diamond Technologies** has data collection solutions to help.

We get data where it needs to be and we have expertise in providing bar code readers for machine and warehouse automation, RFID readers and tags, portable data collection terminals, printers, and media.

## **Remote Management**

It is becoming increasingly important for engineers to monitor and manage machinery in order to improve up-times and reduce maintenance costs. This can be



especially important when assets are geographically widespread. **Diamond Technologies** offers a range of Remote Management solutions utilizing machine-tomachine (M2M) communication via Ethernet, GSM, GPRS or 3G networks. We utilize secure, "cloud-based" services that allow you to efficiently and costeffectively monitor, control, and supervise remote equipment.

### **Automation**



**Diamond Technologies** has provided Automation solutions to many diverse and challenging applications and systems. These include, packaging applications, component assembly systems, plastics extrusion processes, material handling systems, power generation equipment, semiconductor processing and pharmaceutical production. Solutions include embedded I/O, embedded controllers, electrical components, sensors, vision systems, laser marking, .

We pride ourselves on our industry knowledge and bringing innovative ideas to our customer base.



## **Specialized Engineering Services**



Diamond Technologies has the flexibility to modify our core products or technologies to meet your specific product or project requirements. Whether you have mechanical constraints, need modifications to communication protocols, or require added or modified I/O capabilities, Diamond Technologies can work with your engineering team to accomplish your goals. For nearly 20 years Diamond has provided Specialized Engineering to ensure the final solution achieves our customers' requirements.

We have expertise in electronics hardware design, firmware development, industrial network communication protocols, and PC and mobile application development. Our software group has significant experience in .NET, C/C++/VB, and we have worked with most major industrial wired and wireless networks.

### Valued Partners

Diamond Technologies has established Authorized Distribution, support and service relationships with industry leading suppliers. We value the loyalty, accountability and integrity of strong partner relationships. These relationships, our commitment, and technical ability allow us to consistently provide our customers with innovative ideas and reliable solutions to improve our customers' operations and competitiveness.



























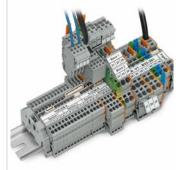








#### **Electrical Connection Systems**



Diamond Technologies can help you save as much as 50% of your wiring time while greatly increasing the reliability of your connections and eliminating electrical problems caused by loose wiring. We can assist you in selecting the best solutions from our portfolio of more than 50,000 components.

## **Electrical Automation Components**



**Diamond Technologies** offers embedded controls, Industrial controllers, operator interface panels, distributed I/O systems, relays, safety components, vision systems and a variety of sensors to fit your applications. Our Engineering group can help you build a complete system, ontime and on-budget.

www.DiamondT.com