

Precision, Innovation, and Excellence Shaping the Future of the Industry.



JNK
AUTOMATION





Empowering Innovation & Excellence

Our mission is simple yet powerful: to streamline our customers' operations through unparalleled expertise, top-tier service, and long-term partnerships that keep them ahead of the competition.

At JNK Automation, we don't just provide solutions—we engineer success. Our dedicated project management team ensures seamless execution from individual projects to fully integrated plant solutions. We leverage leading network tools to develop innovative automation applications that boost efficiency and maximize productivity.

At JNK Automation, we don't just automate processes—we transform industries. Discover how our expertise can propel your business, refine operations, and lead innovation.

Let's build the future together.

"Our passion is understanding every client's unique needs and guide their growth with tailored automation solutions"

PLC DEVELOPMENT & PROGRAMMING

A PLC is the backbone of industrial automation, ensuring seamless control, real-time data processing, and integration with sensors and networks. Designed for high performance, PLCs ensure efficiency in industries such as manufacturing and logistics.

At JNK Automation, with our experience, we provide custom PLC development and programming tailored to your operations. Our engineers design, optimize, and implement control strategies that enhance productivity, flexibility, and system reliability.

With our expertise, your automation projects will run faster, smarter, and more profitably, keeping you ahead of the competition.

Our partners:



HMI SCADA

HMI and SCADA systems bridge the gap between industrial operations and IT, providing real-time monitoring, control, and data analytics. These powerful software solutions enable seamless communication across the entire plant, allowing operators to visualize and manage processes smoothly. With the ability to integrate with ERP systems, HMI and SCADA streamline operations, strengthen decision-making, and enhance overall plant performance.

At JNK Automation, we specialize in custom HMI and SCADA development, ensuring your systems are programmed, optimized, and deployed on secure servers for maximum efficiency. Our solutions boost productivity, reduce downtime, and enhance operational visibility, empowering businesses to scale and adapt to industry demands.

Our partners:

PlantPax
Process Automation System

TIA
PORTAL
SIEMENS

Wonderware[®]

FactoryTalk[®]

GE iFIX

WinCC[®]
Professional

RSView[®] 32

FT Optix[™]

Rockwell Software
Studio 5000[™]

PanelBuilder32

Cmore
micro

EBPro
Maple Systems

FANUC ROBOTICS

FANUC is a global leader in industrial automation, renowned for its high-performance robotics and cutting-edge manufacturing solutions. As an Authorized System Integrator (ASI), JNK Automation brings FANUC's world-class robotic technology to your facility, delivering seamless integration, precision, and reliability. From assembly lines to complex automation systems, FANUC robots increase efficiency, reduce costs, and improve productivity, ensuring your business stays ahead in today's competitive market.



At JNK Automation, we provide comprehensive FANUC robotics solutions, including sales, troubleshooting, maintenance, and parts supply. Our expert team ensures your robots operate at peak performance with proactive maintenance and fast, efficient repairs. Whether you need a new robotic system, emergency support, or replacement components, we deliver tailored solutions that keep your operations running without interruptions, reducing downtime and improving productivity.

MOTION CONTROL

Motion control is the foundation of precision automation, enabling exact positioning, speed regulation, and seamless synchronization of machine movements. By integrating advanced servo systems, drives, and controllers, motion control ensures smooth, accurate, and repeatable operations. Whether in robotics or packaging, this technology is essential for advancing performance, reducing waste, and enhancing overall efficiency.

At JNK Automation, we have expertise in custom motion control programming, with the best brands, designing solutions that maximize accuracy, responsiveness, and reliability. Our expert engineers develop and implement tailored motion strategies, integrating servo motors, encoders, and PLCs for seamless operation. With our expertise, your machines will run faster, more intelligently and with greater precision.

Our partners:



ARTIFICIAL VISION

Artificial vision is a powerful technology that uses high-speed cameras to capture and analyze details beyond human perception. These intelligent systems can detect defects, measure components with precision, identify patterns, verify colors, and ensure consistency in manufacturing. Whether it's quality control, inspection, or automation, artificial vision enhances accuracy and efficiency, reducing errors and refining production outcomes. If a camera can see it, artificial vision can analyze it.



At JNK Automation, we specialize in custom artificial vision solutions, offering programming. Our experts collect and process data to develop tailored inspection and quality control systems that seamlessly integrate into your production line. With an in-depth understanding of industrial processes, we optimize vision systems for maximum reliability, speed, and accuracy, ensuring your business achieves higher productivity and less waste.

REPAIR & PARTS

At JNK Automation, we focus on in the electrical and electronic repair of industrial machinery, including robots, drives, Digital I/O Modules, Analog I/O Modules, PLCs among others. Our expert technicians diagnose and restore equipment to peak performance, minimizing downtime and maximizing efficiency. Whether it's a minor component failure or a critical system malfunction, we ensure fast, reliable, and cost-effective solutions tailored to your needs.

In addition to repair services, we sell high-quality replacement parts to keep your systems running at full capacity. From essential components to specialized hardware, we provide the parts you need with expert guidance to ensure compatibility and long-term reliability.



+1 (727) 385 - 0153
info@jnkautomation.com
www.jnkautomation.com

6960 20th Avenue North 508B
Saint Petersburg, FL 33710

Technical Support 24/7