

WHITE PAPER



INDUSTRIAL INDEXING  
SYSTEMS, INC.

# Factory Automation Control System Design



Factory automation system design and fabrication services offer completely integrated systems designed from the motor shaft to the automation controller.



The performance of existing production lines can be enhanced by integrated new servo technology.

## Automation & Control System Solutions

**Industrial Indexing has a primary, enduring goal to bring state-of-the-art servo system products to practical use on the factory floor, whether we provide a complete turnkey system or servo components.**

Motion control systems are designed to suit any application based on customer needs.

A wide range of services, in addition to design and fabrication, can include engineering, enclosure / panel fabrication, and turn-key automation systems. Our motors have capabilities of 30 to 55,000 W, 1500 to 6000 RPM, and are available in 115, 230, 460 VAC. We support numerous industry protocols including CAN bus, SERCOS, DeviceNet, and Ethernet TCP/IP.

Our complete servo motor and control systems feature hardware, software, and operator interfaces that are properly chosen for each application. We have over 40 years of control experience and are confident that we can integrate modern motion control technology into any operation.

## General Capabilities

- |   |                                |   |
|---|--------------------------------|---|
| - Engineering Services                  | Development                    | - Post-Sales Technical Support  |
| - Application Engineering               | - Build to Print               | - Hardware / Software Training  |
| - Machine Control Integration           | - Machine Design and Build     | - Online Repair System for Industrial Indexing Systems, TOEI-Velconic, and Toshiba/Shibaura Machine Equipment |
| - Drive Design                          | - Panel Design and Fabrication |   |
| - Controller Design                     | - Field Installations          |   |
| - Operator Interface Screen Development | - Machine Commissioning        |   |
| - Motion Software                       | - Pre-Sales Technical Support  |   |



Experience with a wide range of motion control systems provides knowledge for assisting new customers.

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## The IIS Team



Discover how our advanced motion control components and superior support can redefine your operations. Let's embark on a journey to operational excellence. Ready to elevate the efficiency, consistency, and repeatability in your operations? Call us today at (585)924-9181 to discuss your application.

## Headquarters in Victor NY



Our location houses all critical departments: Applications Engineering, R&D, Production, Warehouse, Panel Shop, Quality Control, Sales, Marketing, and Customer Support. Having everything under one roof speeds communications and provides better service to our customers.

Check out our IIS InMotion Blog for the Servo Motion Control Professional ~ <https://www.iis-servo.com/blog/>



*If you're interested in becoming a Sales Representative for Industrial Indexing Systems, where you'll play a crucial role in boosting brand recognition and nurturing client connections, contact our offices: (585) 924-9181 ~ Email: [sales@iis-servo.com](mailto:sales@iis-servo.com)*



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