

Why Choose Welday Engineering?

In the industrial controls market, new products continually provide cheaper, faster, and better solutions to old problems.

Welday Engineering delivers the latest automation technology to current and new product manufacturing lines.

Our clients benefit from decreased production costs and waste, improved quality and shorter delivery time to market.

Committed to Excellence

At Welday Engineering, our professional approach to design and implementation translates into bottom line savings for your company.

Our outstanding customer support includes customized training and after-hours emergency repair services.

Welday Engineering—
partnering with our clients to help them reach their goals.

Our Expertise

Designers of electrical machine control systems, including machine vision for quality control, Kevin Welday and Paul Repko are experienced in original and redesigns of electrical control systems.

A recipient of a Trade Secret award for one of his original designs, Welday holds a Bachelor of Engineering degree in Electrical Engineering and is a registered Professional Engineer.

Paul Repko possesses over 25 years of industrial controls experience with clients in a wide range of industries. Repko holds a Bachelor's degree in Industrial and Systems Engineering, a Master's degree in Business Administration, and is a registered Professional Engineer.



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*Automation and Machine
Vision System Integrator*

Process Control by Design

One-Stop Solution for Manufacturing Needs

Welday Engineering takes a comprehensive approach to automation technology, evaluating all aspects of our customer's operation when designing and implementing new equipment.

Our four-phase service includes

- Electrical designs
- Programming and installation
- Training and support
- Preventive maintenance

By incorporating machine vision system integration as a vital part of the process control feedback, Welday Engineering enables the customer to achieve reduced production and operating costs while increasing machine uptime.

Value-Added Service

Our Value-Added Service is part of our collaborative approach to customer care. We offer our clients ongoing support and preventive maintenance—increasing their machine uptime and performance.

Continuous improvement plans take advantage of new technology trends during the life of the machine.

And our customized training seminars ensure that employees are knowledgeable in equipment operation and maintenance.

Capabilities and Services

Electrical Design

- Undertake process assessment and conduct feasibility study.
- Optimize process for individual customer.
- Develop cost reduction strategies.
- Research applicable technology.
- Design the control system.
- Lay out the electrical I/O and design electrical schematics.

Programming and Installation

- Write PLC, HMI and PC software programs, updating, testing and debugging as necessary for optimum machine operation.
- Manage machine assembly, programming and field wiring.
- Start up machine on plant floor, test and debug as required.

Training/Support

- Conduct ongoing training for operators and maintenance staff.
- Maintain liaison with customers and provide troubleshooting as required.
- Undertake continuous improvement via process control feedback.
- Create printed and online operator and service manuals complete with schematics.

Preventive Maintenance

- Evaluate and document machine operation on a regular basis.
- Schedule regular maintenance to eliminate critical failures and increase machine uptime.

***Wiring Schematics · Panel Layout · PLC Programming
HMI Programming · PC Based Controls · Visual Basic
Motion Control · Machine Vision · Neural Networks
Work Instructions · Technical Training***