



**ENGINEERING
SPECIALISTS_{INC.}**

**A REGISTERED PROFESSIONAL
ENGINEERING FIRM**

UL508 Certified (NNNY, NRBX, NITW)



PAPER & CONVERTING EXPERIENCE

KNOWLEDGE AND EXPERIENCE YOU CAN TRUST

Engineering Specialists is a CSIA-certified automation integrator that has been successfully providing a wide range of services from complete turnkey automation design/build to simple control panel assembly and all things in between since 1974. Engineering Specialists functions as an extension of your staff to make sure that you have the right resources to maximize your efficiency, product quality, and profitability.

INTEGRATING TURNKEY INDUSTRIAL AUTOMATION AND DIGITAL INFORMATION SOLUTIONS

OUR TEAM HAS EXTENSIVE EXPERIENCE IN THE PAPER & CONVERTING INDUSTRIES.

The automation systems used in the paper and converting industries are crucial to efficient production. Out of date equipment cost more money to run, is difficult to maintain, and can provide unreliable information to management and operators. Industry studies have estimated that the average cost of unplanned downtime can range between \$10,000 and \$25,000+ per hour. Reduce your exposure to unplanned plant downtime by maintaining or upgrading out of date systems. Engineering Specialists provides automation for paper-production – from wood processing, to pulping, to wet and dry end paper machine applications. We also provide solutions for corrugated manufacturing and waste-water treatment.

Whether you want to modify your systems now or over the course of years, it is up to you. We provide a total installation program that is based upon your timeline, not ours.

Representative projects we have worked on include:

- Sheeters
- Slabber Systems
 - Saw and Knife Cutting Apparatus
- Core Cutters
 - Fully Automatic, Semi-Automatic, and Manual
- Coating Systems
 - Multiple Application Methods
 - Multiple Grades of Base Materials
 - Process Control
 - Laminators
 - Embossers
- Log Saws
- AGU Interface
- Stacking Systems
- Conveyor Systems
- Roll Handling
 - Elevators
 - Cranes
 - Shuttles
- Unwind Systems
- Tension Control Systems
- Winders/Rewinders
- Die Cutting Systems
- Carton Forming
- Packaging Systems
- Wastewater Treatment Plants
- Plant Supervisory Systems
- Data Acquisition for Regulatory Compliance and Quality Monitoring



The control systems integrated on these projects utilized various major control system platforms, including PLCs, PCs, Drives, and HMI's. Engineering Specialists also utilized custom applications and PC-based SCADA systems for data acquisition and supervisory control. In most cases, Engineering Specialists was responsible for the design, assembly, certification (if needed), programming, installation, and start-up of these control systems.

We understand the unique challenges that paper and converting equipment presents and have completed many successful installations. Engineering Specialists can assist you in whatever capacity is needed. We will help make your project a success whether it is a full project management or a simple consultation. Please contact us to learn more about our industry experience.

www.engspec.com

Engineering Specialists Inc. is a certified CSIA control systems Integrator who has developed a reputation for quality engineering services since 1974. Our talented staff of professionals has what it takes to reach beyond the ordinary to deliver extraordinary results.

3 CONVENIENT LOCATIONS



CORPORATE OFFICE
21360 Gateway Court,
Brookfield, WI 53045

FOX VALLEY OFFICE
N926G Tower View Drive
Greenville, WI 54942

RACINE OFFICE
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