



Machine Process

High Value Solutions in Packaging Automation

Service Overview



Challenge

- Is your operation meeting production demands?
- Is product quality consistently meeting the parameters set by regulations, management and/or the customers?
- Is your factory designed using the latest safety codes?
- Is critical data from your production environment available for operators, technicians and management to use for troubleshooting, process optimization, material replenishment and analytics?
- Do you have improvement projects waiting on the internal resources to become available?

Solution

E-Technologies Group provides services and solutions that support both existing and new production facilities. Our extensive background in machine processes and design offers customers every aspect of engineering required to develop and deliver both large and small projects.

As a qualified integrator, we first focus our attention on understanding your business needs. We identify the key customers within your organization and focus on critical success criteria.

Areas of Expertise

Software:

- ControlLogix and Siemens PLC platforms
- Wonderware System Platform and InTouch
- Modular Programming
- Platform Development
- Standardization
- System Visualization
- PackML / PackTags
- Line Integration
- System Simulation and Optimization
- FT View
- Finished Product Handling

Technology :

- Motion Control
- Machine Vision
- Quality Control

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Services We Offer

E-Technologies Group provides both horizontal and vertical integration of the manufacturing floor. Our overall capabilities include:

- Site Planning
- Production and Throughput Analysis
- System Testing and Analysis
- Product and Package Analysis
- Process Optimization and Reliability Improvement Studies
- Conceptual Definition
- Plant Layout Development
- Power & Control System Definition
- MES/IT Solution Development
- OEM Automation and Electrical Design Staff Augmentation
- Line Integration, Modeling, and Optimization
- System Specifications and Vendor Interfacing
- Single Machine or Line Re-control Projects
- Production Tracking and Order Reconciliation
- Quality Inspection Systems
- Equipment Specification Development
- Procurement
- Mechanical Engineering and Design
- Electrical Engineering and Design
- Project Management
- System Virtualization
- System Visualization
- Rapid Changeover Automation
- Specialty Equipment Integration (Vision, Weighing, Servos, Inspection)
- Developing Common Code Basis for Identical or Similar Equipment
- Panel Design and Specification

Industries Served

- Life Science
- Pharmaceutical
- Consumer Goods
- Food Processing /Packaging
- Building Products
- Warehousing & Distribution
- Parts Manufacturing

What Makes E-Technologies Unique

E-Technologies Group has the right machine process resources for your project and we are dedicated to provide the best system and machine handling solutions.

We have helped customers accomplish many notable improvements in the following areas:

- Finished Product
- Packaging
- Machine Conversions
- Product Handling
- Software Rewrites
- Paper Converting
- Machine Control

Our experienced resources are **PackML** certified and have over 70 **Wonderware** Certifications. E-Technologies is a **Rockwell Automation** Solution Partner, a **Rockwell Automation** Safety Design Partner, a **Wonderware** Endorsed System Integrator Partner, and a **Microsoft** Certified Partner with Silver Competency in Application Integration.

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