

CONVEYOR SYSTEM APPLICATIONS

APPLICATION DETAILS

Multi-line, power, free, and progressive assembly conveyor systems

Precise power chain speed control

Carrier identification and tracking for: failure tracking, work-station equipment setup, empty carrier sortation, and flexible manufacturing

Assembly station support for sub-system interfacing of robots and other automated process equipment

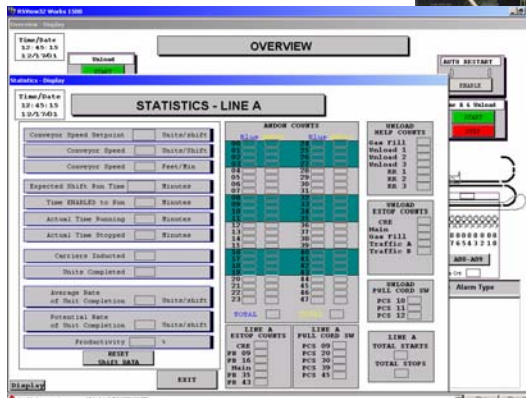
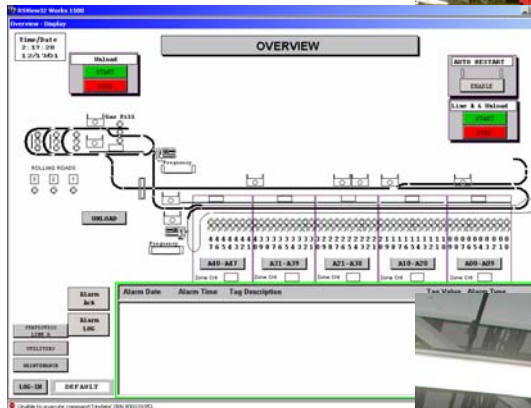
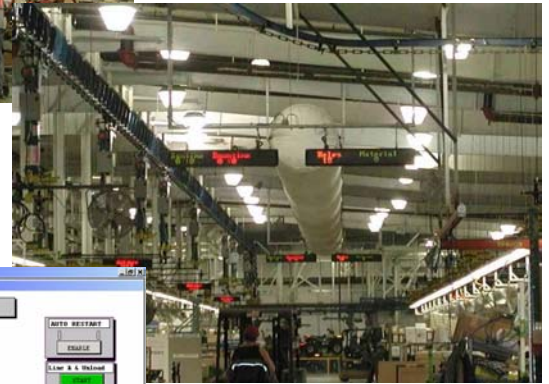
Andon system with a variety of operator input devices and visual and audible outputs

Full event alarming, logging, and production statistics

Custom SCADA and HMI engineering.

Motion sensor and actuator graphics and manual operation

Graphic system diagnostics



CONTROL SYSTEM FEATURES

Modular hardware design

Low voltage control

Fully connectorized, cord-based field wiring system

DeviceNet / CAN bus based intelligent I/O, motor controllers, and intelligent motion sensors and actuators

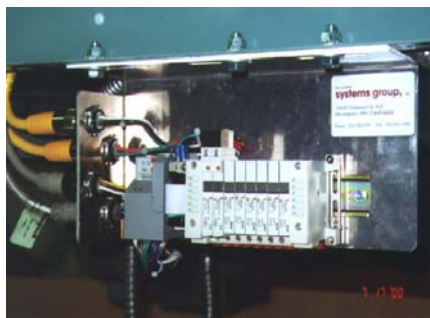
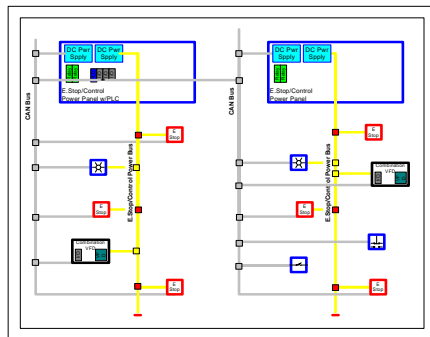
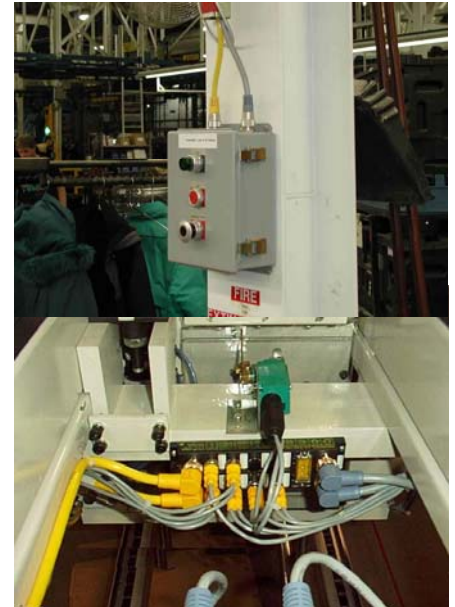
Extensive hard-wired safety system using a modular bus topology

Reduces total engineering and installation costs by 30%

Layered control architecture with distributed processing

Available peer connectivity with industry standard controllers

Brand independent control systems platforms



IMPLEMENTATION SERVICES

Customized conveyor system engineering, design, and turnkey project management

UL listed control panels and operator stations

On-site installation of control system elements and low voltage cabling

On-site commissioning, testing, and training

Comprehensive documentation package

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