

CONVEYNET[®]

Intelligent Conveyor Control System

Five years from now, all conveyors will be controlled this way!



Modular Networked Conveyor Controls

Insight Automation's ConveyNet[®] is an advanced technology conveyor control system. The feature-packed architecture allows for reduced hardware cost, reduced installation time and cost, reduced conduit usage, reduced design time, multiple network configurations, safe operation and enhanced diagnostics capabilities. Designed specifically for the harshest environments, the ConveyNet[®] family of modular control products combines motor circuits, control circuits, e-stop circuits and power distribution into a single hardened conveyor-mounted assembly. ConveyNet[®] supports up to seven industrial networks and eliminates the need for large centralized control panels. The ConveyNet[®] conveyor control assemblies are standardized pre-engineered stock items that require minimal configuration to get up and running and reduce installation time by 50%.

Benefits

- Modules are pre-engineered, low cost and compact
- Bulky, central, expensive control panels are eliminated which saves valuable floor space for your facility
- Your project schedule is greatly reduced - ConveyNet[®] modules have in-stock configurations
- ConveyNet[®] supports all major PLC and PC control platforms
- Supports seven networks including DeviceNet, Ethernet, Interbus, Profibus and ControlNet[®]
- Your system is easily configurable as your business model changes while minimizing or eliminating system downtime.
- The design is safe and utilizes low-voltage control with no single point of failure
- Remote monitoring/diagnostics capability



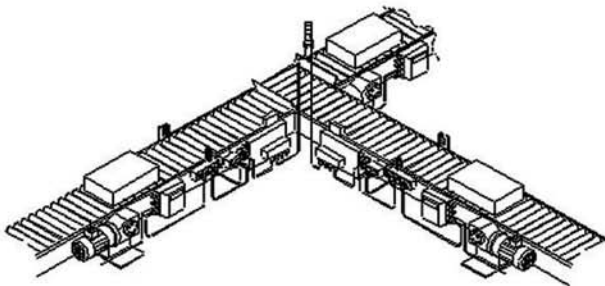
ConveyNet® Technology

Designed specifically for the harshest environments, the ConveyNet® family of modular control products combines motor circuits, control circuits, e-stop circuits and power distribution into a single hardened conveyor-mounted assembly. These conveyor control assemblies are standardized and pre-engineered stock items that require minimal configuration to get up and running - select a network and size the motor protection - it's that simple.

With ConveyNet®, there is no central, bulky expensive control panel - the intelligence is distributed along the communication network and modular I/O system. Utilizing safe, low-voltage DC sensors and devices slashes conduit usage by 50% or greater with ConveyNet® - only motor circuits require conduit protection! And since each ConveyNet® module is mounted near a conveyor motor, your maintenance staff can easily maintain the system and diagnose and repair any conveyor related issues that may arise.

ConveyNet® Applications

- Supply chain logistics
- Machinery discharge systems
- Parcel sortation systems
- Postal delivery systems
- Order fulfillment systems
- Pick-to-light takeaway systems
- Pick and pass systems
- In-motion weighing systems
- Sortation infeed and discharge systems
- Portable, mobile systems
- Automotive JIT handling systems
- Manufacturing routing systems
- Pharmaceutical fulfillment systems
- Third-party logistics support systems



ETHERNET

WorldFIP
THE EFFECTIVE FIELDBUS

Modbus

DeviceNet™

INTERBUS

OPC™
OLE for Process Control

PROFI
BUS

ControlNet