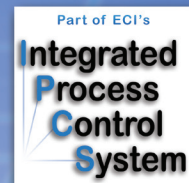
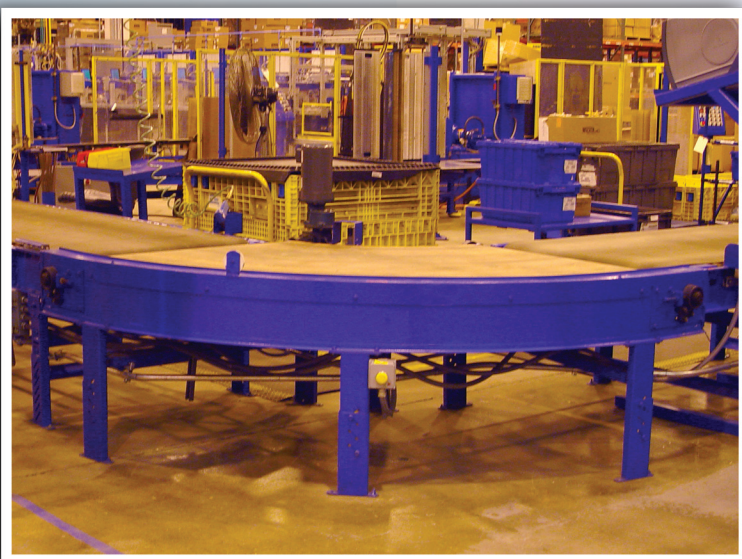


# GateKeeper™

## Conveyor Diagnostics



In the world of manufacturing, time is money—big money. Downtime dramatically reduces profitability. The capacity to immediately identify and remedy a problem with your conveyor system is invaluable. Enter ECI's GateKeeper™—the complete solution for conveyor diagnostics and downtime analysis. A networked PC provides a user-friendly interface to your conveyor system's PLC. The system allows immediate diagnosis of conveyor-related downtime and problem areas. Supervisors and maintenance personnel, as well as any other specified employees, receive instant, visual and audible notification of conveyor problems.



### ***In Case of Downtime:***

- OverView™ signs display informative messages regarding conveyor status
- Light stacks illumine to identify problem zone
- Optional horn is sounded
- Page is automatically transmitted over the plant-wide intercom/paging system (pre-recorded human voice or computer-generated)
- Email is sent to customizable list of supervisors, managers, and maintenance personnel
- Computer monitor indicates problem area on the assembly line and possible solution
- Downtime events recorded to Microsoft® SQL Server® database

### ***Major Hardware:***

- An industrial control panel contains all digital I/O used to energize light-stacks at key-points along the assembly line
- Networked PC interface to conveyor PLC
- Light stacks above each conveyor zone
- Audible alarms/horns
- OverView™ display signs

### ***Alert Options:***

- Responsible supervisors, maintenance, and managers
- Date/time
- Line
- Shift
- Conveyor zone
- Solution
- Time from downtime until re-start



# ECI