



CONVEYOR SYSTEMS PLC AND I/O CARDS FAIL AND CAUSE LOST PRODUCTION

Poor Power
Quality
Stops
Production!

Multiple
Anomalies
Require Multiple
Efforts

GTCO. SOLVES ANOTHER PROBLEM!

The Mission

The client was a large distribution company that depends heavily on its conveyor system and associated bar code reader / sorter to load trucks that take outgoing product to its customers through Ohio and surrounding States. When the conveyors shut down or mis-reads bar codes, chaos shuts down business! Replacing failed PLC and I/O cards became very expensive.

The Challenge

The challenge was simple... "Find the problem"! The solution was not so simple. With three large conveyor systems working in synchronization, a synchronised approach to analysis would have to be devised. Multiple instruments had to be placed throughout the facility in order to determine if electrical source events were affecting all three systems or are these independent anomalies?

The Solution

The Gerry Thomas Co. was engaged to determine the cause of frequent conveyor failures and expensive PLC card replacements. GTCO. deployed multiple instruments and coordinated

data gathering efforts with the facility production schedules

The Results

Analysis provided by GTCO. and implementation of GTCO. recommendations provided the answer to the elusive cause of the failures. Sub-cycle examinations of the systems reaction to the cause of the events determined the most cost effective solution and corrective actions to be taken. Many dollars were saved by getting directly to the problem and avoid further wasted time and costs.

This distributor's customers are now getting their products on time!



THE GERRY THOMAS CO.

ELECTRICAL POWER SOLUTIONS

Sales - Service - Consulting

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