



Industrial Automation, Validation & Project Management

## Relocation and Upgrade of Monorail UPT Controls



### CUSTOMER

Cummins

### LOCATION

Seymour, Indiana

### INDUSTRY

Automotive

### PROJECT TYPE

Turnkey/Fixed Price

### BUDGET

\$594 K

### SOLUTION COMPONENTS

Rockwell ControlLogix

Rockwell FTViewME

Rockwell RFID

Rockwell PowerFlex Drives

Rockwell Stratix Switch

Prosoft Wireless Ethernet

## PROJECT PROFILE

### BACKGROUND

Cummins required the relocation of an existing up-fit, paint and tag (UPT) line to allow room for a new engine line to be installed in the plant.

### OBJECTIVE

Relocate existing monorail system for diesel engine UPT line. Design a new control system with state-of-the-art RFID sensors for location tracking. Replace all hoist motor starters with VFD's controlled over wireless Ethernet.

### CHALLENGES

Simplify the controls from the existing design, thereby eliminating numerous outdated mechanical switches and actuators.

### EXECUTION

VEAPS, Inc. provided design engineering, CAD services, project managed the subcontracting of mechanical and electrical installation services, commissioning, startup, operator and skilled trades training and project management.

### RESULTS

Project completed within a strict startup window and within budget.