

Application Success Stories

Case Study: Electrical & Process System Controls Manufacturer, Southwestern United States



Reclaim Multiple
Colors



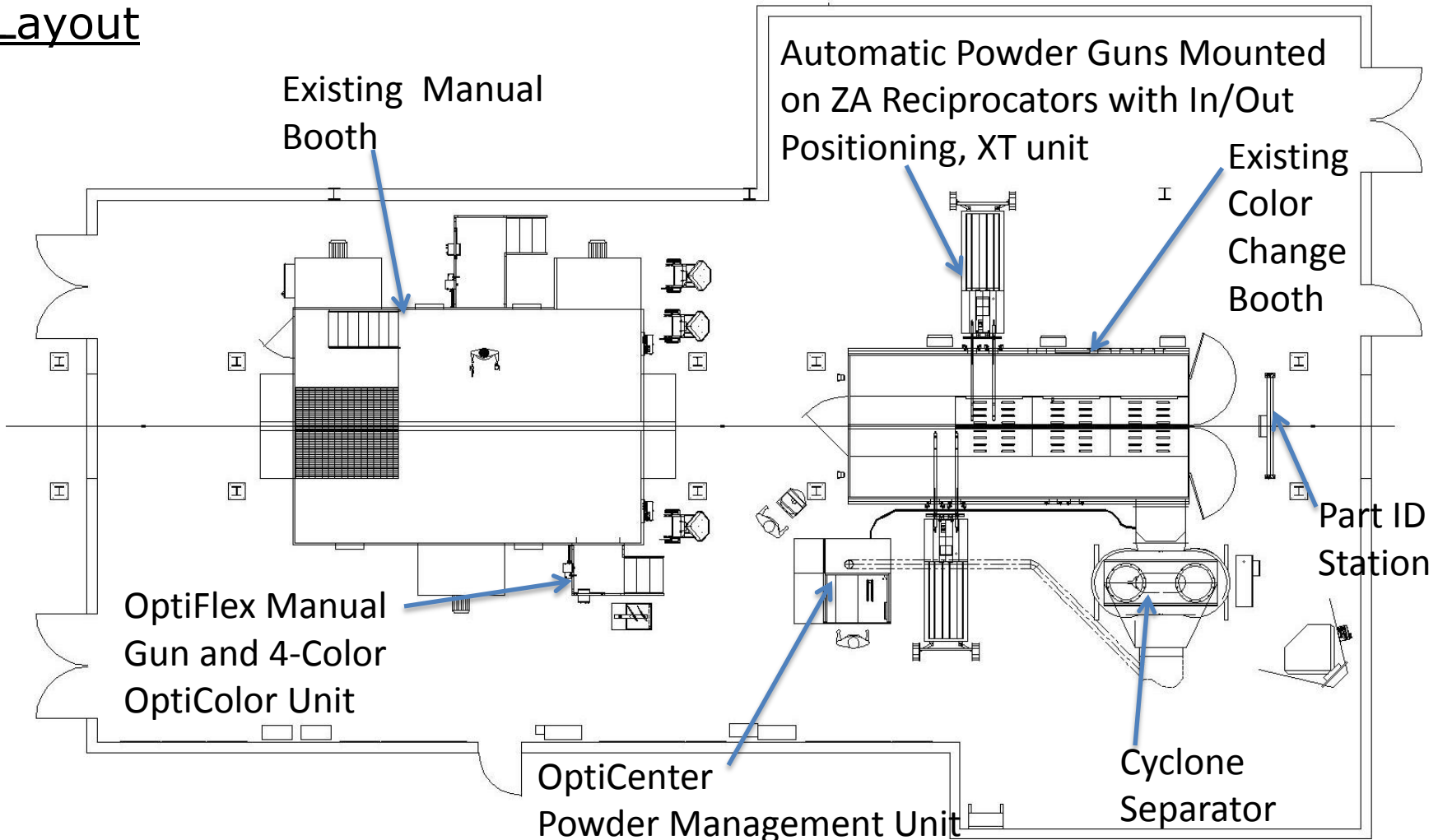
Reduce Color
Change Time



Reduce Manual
Touch-up

Application Success Stories

Layout



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Installation Key Data

Parts: Electrical Control Cabinets, Switch Gear, Bus Duct, Circuit Breakers, Motor Control

Part Size: 60" W X 96" H

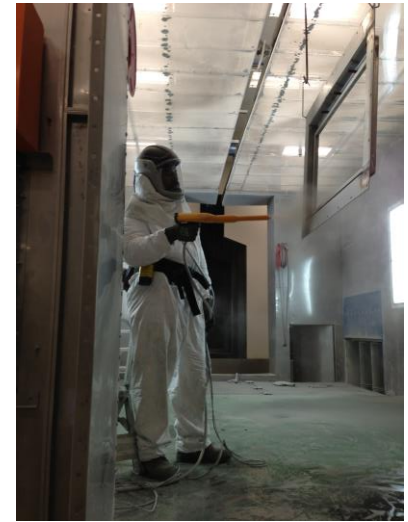
Line Speed: 15 FPM

Scope of Equipment in Use:

- 28 OptiGun GA03-X Automatic Guns
- 1 OptiCenter
- 2 OptiFlex2 Manual Guns
- 2 OptiColor – 4 color
- 2 ZA Reciprocators with Positioning Base Units, XT



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Company Profile

Founded in 1947, this company started as a metal-working shop to support the petrochemical industry; and has grown to become a leading supplier of products for distribution and control of electrical energy and other critical processes. Their products include metal-clad switchgear, metal-enclosed switchgear, motor control, bus duct, utility switches.

Company Expectations

This company's current powder coating system was experiencing both application and containment issues; which in turn were causing significant amounts of wasted powder, increased manual touch up, and unsatisfactory film thickness control. Additionally, the existing booth and spray gun performance was limiting their capability to recover and reuse only one color of powder.

Keys to Success

Gema was selected based on lab testing and application training. Now this company can reclaim an infinite number of colors and process a color change at an average 10 minutes. The improved transfer efficiency has enabled them to better control the applied film thickness and stay within their specification. All while reducing the manual coating previously required with their system equipment.

