EVCO PLASTICS

Objectives

EVCO Plastics implemented SYSCON PlantStar's monitoring system for 16 machines in order to identify the root causes of machine inefficiency and higher-than-acceptable scrap rates.

Solutions and Results

SYSCON International implemented PlantStar, a world-class production monitoring system, in eight EVCO Plastics facilities. If the molding process falls out of tolerance, there is a change to PlantStar's visual representation of that machine, and an audio announcement is made in the plant. The machine status indicators are displayed throughout the plant on video monitors. In addition, PlantStar recognizes out-of-tolerance cycles, job status, and many other variables and displays the information in easy-to-read dashboards.

PlantStar's drag-and-drop job scheduler enables at-a-glance insight into what's running, what's coming up, and where there might be trouble. EVCO's managers see bottlenecks and conflicts before they occur and make adjustments on the fly. Supervisors use the system for process analysis, job costing, and forecasting. PlantStar's open architecture allows easy bi-directional data flow between EVCO's plant floors and the company's ERP system.

Initially, EVCO's machine operators were hesitant to adopt the audio alert and monitoring systems. Now, they see PlantStar as a tool to manage problems proactively and to better understand how their own job performance impacts the company's productivity.

[Untitled illustration]. Retrieved June 24, 2019
From https://dasdnews.wordpress.com/2019/02/11/evco-plastics-provides-donation-for-supporting-students/

✓ **Results**

- Internal reject rates down to about 2 percent
- Rejects from customers are below .1 percent