Automating Waste Reduction & Maximizing Process Efficiency

One of our customers - a corrugated packaging company in New Jersey with a full-line corrugator operation - was on a mission to increase production while looking for ways to reduce costs. That's why they turned to Sightline Systems to help deliver on that mission.
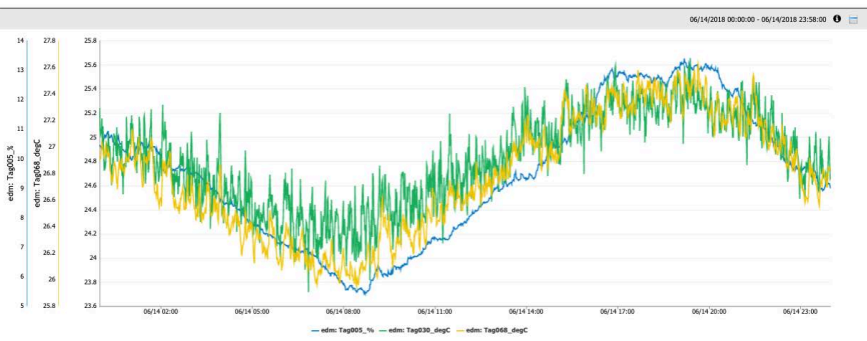
Challenge

In an industry where 34% of global suppliers are dedicated to paper and board products, this packaging solutions manufacturer knew that maximizing production efficiency on its corrugated fiberboard box production line was necessary in their pursuit to deliver superior quality packaging goods that out shined their competitors. The team was constantly looking for ways to run their machines do more with less. Could steam be reduced and still avoid curling? Would less adhesive result in comparable output?

Their current technique...manual experimentation in process changes to moisture levels, temperatures, pressure, and adhesive mix. But having a line with so many changing variables, this time-intensive trial and error process improvement method resulted in even more waste.

Solution

What this client needed was a way to automate their production line and make running the machines easier. Sightline provided a simple way to collect sensor data from their machines in real-time, giving operators instant feedback on how their systems were performing. Sightline's advanced analytics tools also provided insight into the relationships between different settings on the production line.

Sightline EDM provided the drill down data our client needed to accomplish their goal of using as little adhesive as possible without causing their product to become defective.

BENEFITS

Visualize data in real-time

Alert on abnormal behavior

Easily analyze data to determine root-cause of issues

Identify potential system and application performance issues

Minimize the duration of abnormal behavior and service outages

Reduce Mean Time To Resolution (MTTR) to meet SLA requirements

⊘SIGHTLINE

TESTIMONIAL

"With Sightline EDM I am able to see data from the production line in real time. It is now so much easier to make adjustments to our operations and the time savings from that are simply insurmountable."

- Director of Operations

By letting Sightline EDM™ respond to issues automatically, they were able to identify precisely which adjustments impacted what data points, which enabled them to make modifications much quicker and more effectively than ever before, thereby increasing productivity, reducing waste, and bringing up their bottom line.

Results

With the Sightline's EDM™ solution in their business optimization arsenal, this client was able to pivot to a fully automated improvement process that immediately gave their teams greater visibility into their corrugated operations.

This client was empowered with the tools they needed to find the most efficient combination of adhesive dispersement and speed to see the substantial results they were looking for.

Now operating at peak performance, this client rolled out Sightline's powerful EDM™ solution across all 15 of their facilities and realized an instant savings of 11% to their bottom line and a 14% increase in overall product output.

Additional EDM™ Success Stories

AUTOMOTIVE MANUFACTURER
Identified process improvements for paint line resulting in $2.0M in annual savings

CHEMICAL COMPANY
Solved a production issue resulting in $1.2M in potential annual savings

ELECTRONICS MANUFACTURERS
Pinpointed the cause of system failures that eliminated the unscheduled downtime needed to fix them

BUILDING AUTOMATION
Collecting HVAC/ELECTRICAL data to reduce electrical costs

SIGHTLINE SYSTEMS

Sightline Systems offers real-time performance monitoring, big data analytics, and visualization focused on root cause analysis, anomaly detection, capacity planning, and forecasting for critical IT systems — including almost all operating systems, mainframes, network, storage, applications, and databases — as well as manufacturing systems, including all major programmable logic controllers (PLC). Sightline reports a 95% renewal rate from customers around the world, including many Fortune 500 and Global 2000 companies in automotive, packaging, electronics, chemical, pharmaceutical, utility, airlines, finance, and telecommunications, as well as federal, state, and local governments.

⊘ SIGHTLINE

4035 Ridge Top Road, Suite 210
Fairfax, Virginia 22030

703-563-3000
sightline.com