Hutchinson Body Sealing Systems: Building Better Products, Faster

Data-driven culture yields actionable insights

"With accurate data, collected directly from our machines and operators, we were able to use analytics, dashboards, and business intelligence to focus our teams on processes and workflows that improve yield by better monitoring production, quality, and process control."

Robert Hanson, CEO

Industry	Challenge	Solution	Results
Automotive	Increase access to data	Utilize ShopVue to provide access to real-time data and improve labor and machine performance	Achieved full compliance required by automotive industry
	Improvement of overall organizational performance		Insight and data gained in real time

Company

Hutchinson Body Sealing Systems designs and manufactures smart transportation sealing solutions that provide vibration, acoustics, and thermal insulation. Hutchinson Sealing Systems operates worldwide and serves customers in the aerospace, defense, railroad, helicopter, marine, and automotive industries. For more information, visit www.hutchinson.com.

Bob Hanson, CEO of Hutchinson's Body Sealing Divison, is responsible for seven North American plants. Hear how these plants use ShopVue to enforce the three rules he lives by:

1. Be on time
2. Be prepared
3. Talk with data

Challenge:

Bob was not satisfied with limited access to data or the overall performance of the organization

One day, Bob decided to stand in one place on the shop floor for a couple hours to monitor actions in real-time. His key take-aways were:

- Every time operators needed to request materials, they would leave their workstations and cease productivity.
- Parts were in the scrap bin and nothing was annotated on the paperwork because it was an inconvenient paper-based process.
- They were unable to fix issues fast enough to make a difference until everyone had access to real-time visibility into the activities on the shop floor.
- All seven factories had different processes so they would need to put technology in place to align operations across all sites.

It was decided that implementing a MES was the next project for his team.

Solution:

Of the MES options evaluated, ShopVue was the easiest to operate. ShopVue allowed for the fewest clicks, which meant less time reporting and more time producing. Operators report scrap in as little as one click.

Hutchinson had a false start with their MES journey. They made the mistake of spending a year trying to build their own MES by taking the bones of a Rockwell solution and adding workflows and features. Ultimately, like many others who have tried, they did not complete the project as it was unable to meet their goals.

The goal was access to real-time data. ShopVue provided dashboards and KPI's at all levels - operator, work cell, and plant management. Some of the most valuable metrics they now have visibility into are attainment by shift goals and efficiency trends.

Yet the most standout deciding factor was ShopVue's team of consultants. They brought years of experience working with manufacturers, knowing when to steer Hutchinson to an out-of-the-box solution and knowing when best to apply configurations that met their specific needs.

"We understood that putting a MES in place in all our plants would optimize our labor and machine performance and at the same time, start collecting useful data to focus my team on the right priorities for continuous improvement."

Robert Hanson, CEO

Results:

ShopVue's Production Traceability solution provides Hutchinson with a full genealogy of their processes, achieving the full compliance that the automotive industry requires.

Hutchinson gained insights to state, quantity, and yield from their machines through ShopVue's Direct Machine Interface. Data is even directly gathered from scales, measuring the weights of raw materials, and validating with the BOM consumption numbers.

Before ShopVue, it took 24 hours before data was logged, making it impossible to react in support of that day's performance numbers.

With ShopVue, Hutchinson can now "talk with data," understanding why certain activities are happening and getting that information in real time so they can react to it.

Ready to get started with ShopVue?

Learn more at
caisoft.com/products/mes/shopvue-mes/