

600 Data Collector



Top automotive interiors manufacturer streamlines its data collection process

THE CHALLENGE:

DATAMYTE supports a large automotive interiors manufacturer who recently faced numerous complaints from their OEM customers on some of their new product launches. The company utilizes several visual and manual inspection methods across their production processes; however, the data collection process has been time-consuming and error ridden. It has also led to issues around poor product traceability in product appearance, fit and function, or in some cases, not meeting traceability requirements in general.

SITUATION:

DATAMYTE recommended a series of tests to validate the value of the data collection solutions. One of the tests centered around a specific production issue of finishing thread non-conformities.

CURRENT DATA COLLECTION PROCESS:

Due to the very manual methodology utilized in the inspection process, two team members have been required. Five steps are verified with data collection at each step. It took 4-5 minutes per step (or a total of 20-25 min. for data entry for all 5 steps). With this inefficient process, the risk of inputting inaccurate information and having a very slow response time to non-conformities is high.

DATAMYTE PROCESS- A 98% IMPROVEMENT IN PRODUCTIVITY:

Using the mobile 600 Data Collector, the process was streamlined down to 30 seconds and involved only one team member.

RESULTS:

A huge advantage is witnessed with the optimized time and labor. The 600 Data Collector also effectively remedies the visual and manual aspects of the data collection process, having guided inspection plans with images built in as well as automatic notification when measurements or visual attributes are out of specification. The solution grants immediate validation and audit traceability, generating complete historical records, which allows the company to comply with regulatory requirements. In addition, the built-in barcode scanner feature instantly ties all common product/process and operator information to the customer build identification (VIN #/ PN), providing improved accuracy, traceability and speed of data collection.



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