

The Independent Solution Provider for Industrial and Process Automation, Quality & IT

ATS inspect[®] Visual Quality

Success Cases Automotive



ATS Inspect Success Cases in Automotive Industry

Case 1 - Heavy Trucks Painting

In the Paint Dept. of one of our Heavy Truck clients, the first year savings as compiled by a Black Belt were over \$1 million after ATS Inspect was installed. Their initial investment, including hardware, was less than \$200,000.

Case 2 - Engine Trimming

In the Engine Trim Area of one of our Heavy Truck clients the defects per unit dropped by nearly 60% with the use of ATS Inspect. Even at the low production volumes of the year of implementation, the savings paid for the project in about six months. They added 17 more stations in the summer of the following year.

Case 3 - Tier One Seats Supplier

A major Tier One supplier of vehicle seats has utilized ATS Inspect more as a production system than a quality control system and has reduced the charge backs from FORD for mis-built and wrong seats by over \$30K per month. Their initial investment was just over \$100K. They have plans to install ATS Inspect at other facilities.

Case 4 - Vehicles Assembly

One of FORD's assembly plants stated that, "The 3 main benefits that we derived from the ATS Inspect system were better containment, rework reduction and warranty reduction.

Before implementing the quality system, Pre-delivery Area would receive vehicles from the Paint Area with a rate of 45 repairs per 1000 units. Today with the ATS Inspect software in place in Paint, the rate of defective units is down to 10 -15 per 1000 (a 66% to 78% improvement).

In Paint Spillout they went from 2000 repairs per 1000 units down to 1200/1000 (a 40% improvement).

This is attributed to faster reactions to problems and process improvements with better analysis using the data from the ATS Inspect system. Paint warranty was reduced by \$200,000 a year."



ATS is an **Independent Solution Provider**, with over 25 years' experience in the manufacturing systems arena and a wealth of experience undertaking Continuous Improvement initiatives and Manufacturing IT solution design, deployments and 24/7 support assignments.

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