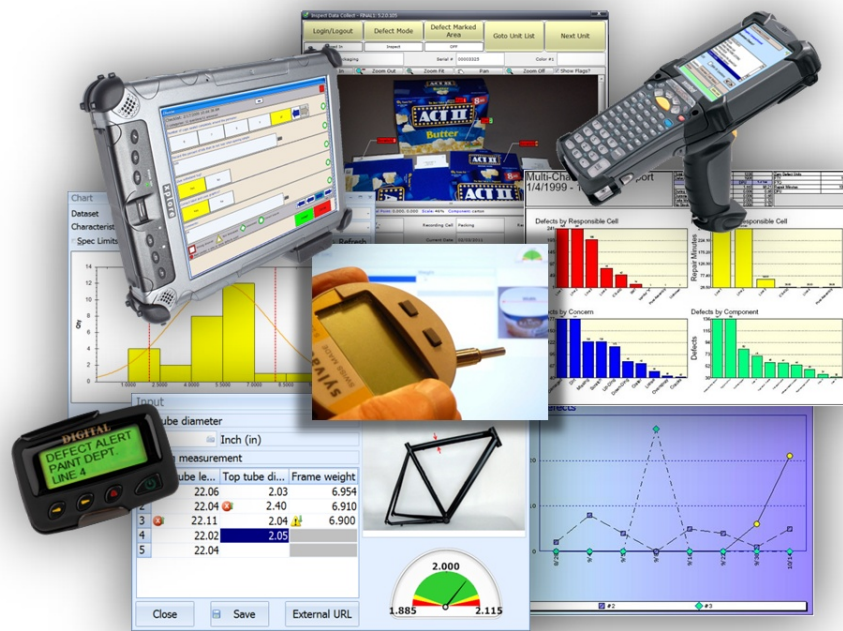


ATS inspect[®]

Visual Quality

Case Study Toyota Australia



Toyota Achieves Top Award and Makes Real Savings Using ATS Inspect

Toyota Australia has made substantial savings and won the JD Power Gold Award since it incorporated ATS Inspect into its manufacturing systems. Read below to find out how.

Customer Requirements

The Toyota Quality Division involves vehicle inspection cells, including drum test, wheel alignment, shower and Customer Satisfaction.

Toyota's objectives were to record and report every single defect, in real time, and alert Quality Managers when serious issues arise by email and SMS.



A high-quality brand requires attention to detail

Other key goals included a reduction in the number of defects and an improvement in Straight Through Ratio (Vehicles without defects). The data collection system also needed to remove paper where possible and provide KPI reporting to the plant floor.

Fulfilling Requirements

ATS Inspect system works as follows. When a vehicle enters the inspection cell, the operator scans the barcode VIN (Vehicle Identifier Number). This vehicle then appears on the ATS Inspect system. The Quality operator inspects the vehicle and any defects found are recorded in ATS Inspect using a touch screen. Any vehicle with defects that cannot be repaired in the Inspection Station is moved to the Hanedashi area (repair area).



When the vehicle enters the repair cell, an operator scans the barcode VIN again. ATS Inspect then displays a list of all defects recorded for that vehicle. When rectified, the operator uses ATS Inspect to record that the defects have been repaired.

Real Time Reporting

A key benefit of ATS Inspect is its ability to feedback information to operators and management alike in real time. The ATS Inspect database structure allows for reporting in any form required. This means that management can review the defect trends and prioritize resources accordingly while the operators can drill-down into the information to see exactly where problems are occurring.

