

A **scalable** machine vision solution for **painted parts** that allows you to **see** and **solve** quality issues faster.

See it

→ You need every painted plastic part you produce to meet your customers' high standards. But if you're relying on manual and subjective testing, quality issues can go undetected. Our machine vision solution uses specialized illumination and image processing to give you a view of every part and flag a variety of common defects. It provides a high degree of detection accuracy, reducing the reliance on manual and sample testing.



A screen at the paint line displays a view of the entire part surface and flags parts with common defects such as dirt, scratches and orange peel. It even detects finger prints.



Adding process data such as paint viscosity and booth temperature to each digital record unlocks advanced analytics that you can use to minimize or prevent defects.

Solve it

→ We know that seeing problems and solving them are two different things. Think of our software as a data analyst. It collects and correlates all the critical data you need. It analyzes part records to identify anomalies and trends - connecting the dots between process variation and quality issues. Then it delivers insights that you can use to tweak your process to prevent these problems from occurring in the future.

Scale it

→ With standardized images, data collection configuration and part records, you can quickly duplicate the success on one line to multiple lines. As additional lines or factories are added to the online platform, you receive analytics and insights across your operations that enable you to achieve next-level quality consistency and alignment on continuous improvement.



Eigen's software was built to capture the data you need across your paint lines. Once scaled, it provides a view across all connected lines - standardizing your quality inspection and process monitoring.



Ready to get started?

Tell us about your issue and send us with a CAD. We'll show you how we can help.

Drop us a line at info@eigen.io or visit eigen.io.