



Manufacturers rely on our intelligent vision systems for an ever-increasing number of industrial applications.

PROBLEM

Manufacturers often struggle with 100% inspection requirements from their customers, which can be labor intensive and may require that they buy expensive gauge systems. They may also have to do extensive rework of components that are already made, which is costly.

SOLUTION

Machine vision (imaging-based systems such as cameras and laser scanners combined with software) enables recognition of different parts, features, and shapes. This acts as input for your control system, and can be used for inspection, process control, and robot guidance.

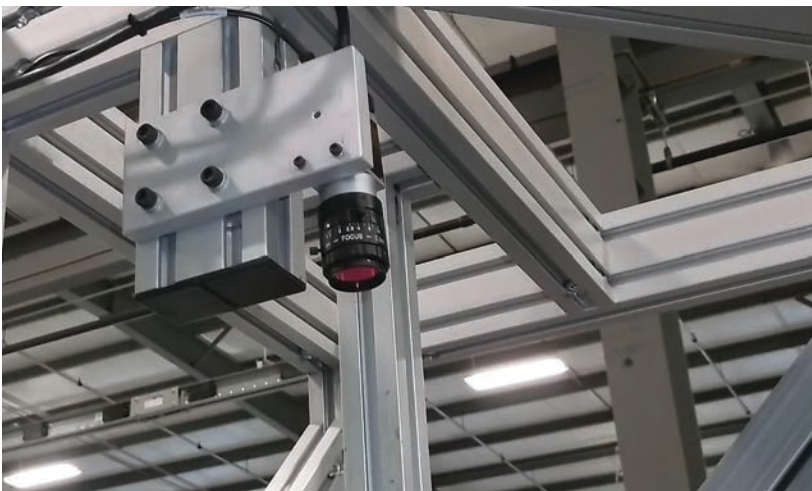


OUR EXPERTISE

Since 2002, Creative Automation has employed machine vision for a range of applications including bar code reading, error proofing, inspection, and robot guidance. Today a third of our systems incorporate machine vision, and we expect that number to continue to grow.

Our machine vision systems have been incorporated at all stages of the manufacturing process. For example, one of our systems inspects red-hot forgings for under-fill conditions before they are moved down the line for additional processing. Another of our end-of-line inspection system checks 27+ features on assembled engines to make sure all components were mounted correctly.

Some of our newest systems also incorporate artificial intelligence and machine learning. With this, our customers can take the data from our machine vision applications and run them through machine learning algorithms to provide live continuous improvements to their manufacturing process.



INDUSTRIES SERVED

- Automotive OEMs
- Tier 1 Suppliers
- Truck Part Suppliers
- Other Manufacturing

BENEFITS

- Gain insights to improve the manufacturing process
- Reduce rework
- Increase quality

How could an innovative vision system advance your business
and improve your bottom line?

TALK TO THE EXPERTS AT CREATIVE AUTOMATION TO FIND OUT.

