

MARINER

Leveraging AI & IoT to Improve Productivity & Quality for Manufacturers

Microsoft Partner of the Year 2020
Internet of Things Award

www.mariner-usa.com
info@mariner-usa.com

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Microsoft



Accurate Real-time Inspection



Real-time Defect Detection

100% product inspection
reduces false rejects by as
much as 30x



Alerting/Monitoring

When defect frequency
exceeds control limits, alert
personnel to investigate/
eliminate in real-time



Quality Analytics

Informs root cause analysis
efforts to more effectively
eliminate quality problems
before they occur



AUTOMOTIVE GLASS INSPECTION MADE EASY

A global glass manufacturer's false reject problem cost them millions in labor costs and lost opportunities for further production line automation. Additionally, their production lines were operating at 85% of rated speeds to permit human oversight.

They deployed Spyglass Visual Inspection, powered by deep learning and Azure IoT Edge, and have reduced false reject rate from >25% to 0.2%, saving >\$4m annually.





AUTOMOTIVE INTERIOR INSPECTION MADE EASY

A global automotive interior manufacturers had a costly problem with their existing machine vision system: False reject rates were unacceptable.

They deployed Spyglass Visual Inspection, powered by deep learning and Azure IoT Edge. Now, they are alerted should defect rates exceed established thresholds, they can accurately classify defects and have reduced false reject rate from >34% to 1.4%, saving >\$2m annually.



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Ready to Get Started?

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