Glass Manufacturer saves >$1M quarterly with Spyglass Visual Inspection + Azure

A glass manufacturer adopts a comprehensive platform for defect detection, prediction, and analysis

Challenge

- Needed more accurate defect detection to reduce false positives that cause high monetary losses of $30 per unit over 40 production lines
- Existing system commonly detected water residue as chipped or faulty glass in windshields on production line

Solution/strategy

- Determine specific accuracy needs and test the ML model to prove value
- Use custom vision, image recognition, and machine learning to more accurately detect product defects
- Defects can be identified at high speed in large volume with greater accuracy than legacy systems and human inspectors across several industry benchmarks

Outcome

- Accurate defect Identification results in significant reduction in false positives, resulting in approximately $36,000 of savings per production line - over $1M in quarterly savings.
- More effective deployment of production personnel, who can focus on more valuable tasks

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