

# Tortilla Inspection

A tortilla factory wants to convert to automated inspection to reduce cost, improve precision, and increase production.



### Solution:

An automated inspection system consisting of a GigE or smart camera and a computer with PLC is applied to the tortilla production. The system can inspect thousands of units per minute.

The camera uses pattern matching, edge calipers, and blob analysis to detect toast points, overlaps, misshape, color, and content. The camera is precise and can detect if a tortilla is 95% circular.

If a tortilla does not meet specifications, an automated gate controlled by the computer's PLC redirects it onto another conveyor belt to be ground back up and reformed into another tortilla.

