Shell Inspection
This technology enables the inspection of shells at speeds up to 3,000 per minute with the highest accuracy, even with minimum shell distance. Detected features are:

- Geometric anomalies (i.e. deformation, distortion and ovality)
- Dimensional accuracy (i.e. counter-sink diameter, curl diameter)
- Compound placement
- Scratches on panel
- Dents
- Burrs
- Contaminations

Only shells that are truly defective are rejected, thus increasing efficiency whilst reducing unnecessary spoilage which results in significant cost savings.

The TCVision product family is based on several industrial proven high-end performance systems for the entire metal packaging production process. With its intuitive user interface and specific modular layout for each customer’s requirements it is the first choice to implement in each production stage.

Continuous engineering used in the design, allows the whole TCVision product family to not just indicate the requirements on product quality with 100% accuracy, the system also is part of the continuous process improvement in manufacturing.

Inspection of shells with TCVision.I system
TCVision – Total Can quality and production process visualization

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TCVision – Highspeed inline shell inspection

This technology enables the inspection of shells at speeds up to 3,000 per minute with the highest accuracy, even with minimum shell distance. Detected features are:

- Geometric anomalies (i.e. deformation, distortion and ovality)
- Dimensional accuracy (i.e. counter-sink diameter, curl diameter)
- Compound placement
- Scratches on panel
- Dents
- Burrs
- Contaminations

Only shells that are truly defective are rejected, thus increasing efficiency whilst reducing unnecessary spoilage which results in significant cost savings.