Vision MV analysis of yarn cones and thread during manufacturing

- Company manufactures and supplies yarn cone and yarn spinning machines for customers in the textile industry.
- Company wanted DAI to integrate a Vision MV platform to their machines to identify defects in the yarn cone and yarn thread material during operation

Solution

- Multiple cameras captured images of yarn cone and thread during manufacturing.
- DAI's MV engine detects defects from captured camera images.
- Processed images sent to ADR software suite for company to view results and generate reports.

Impact

- Improve reliability of inspection by determining yarn cone and thread quality accurately.
- Auto-defect detection in digital images to reduce inspection time.
- Digitize and track inspection records.
- Capture trends in yarn quality to identify issues in manufacturing.