Visual analysis of product labels with mobile application for compliance

- Company manufactures and supplies x-ray tubes domestically and internationally. Each product is discrete. Company have issues tracking labels on products.
- Wanted a label inspection system to their workflow to check labels on products for compliance errors before shipping.

Solution

- Integrated mobile app with DAI's MV system. Labels checked with OCR and pattern matching.
- Operator capture images with mobile app, images processed by MV system on server and mobile app shows results showing good labels and bad labels based on the master data .

Impact

- Compliance and standards met by since label quality is checked for each product.
- Less rejection of products.
- Auto detection of labels reduces human errors when assessing labels.
- Product data is digitized and label records are tracked by company.