

Dexerials corp. uses AI for detecting defects in realtime for film manufacturing

Challenge

- Real time detection of film defects was a manual error ridden process with low accuracy
- Product waste
- Frequent stoppage of production line led to lower volumes of product

Solution

 Deep Learning to process 100s of GB of videos and images (through transfer learning) and deployment via Compiler SDK

Results

- Automated fault detection algorithms deployed on production line with GUI for operators
- Design to deployment in 6 months





