

MACHINED PARTS

DEFECT DETECTION CASE STUDY

PROBLEM

BOS was contacted by a customer to develop a system to identify the presence of defects on machined parts. Detecting defects on machined parts is particularly difficult due to the fact that the machining marks vary from part to part.

SOLUTION

BOS acquired images of several hundred good and defective parts. Using only a portion of the images of parts not containing defects, a deep learning model was built to solve the application on the BOS I-DV deep learning machine vision system.

RESULT

The BOS I-DV was able to detect all defects.

