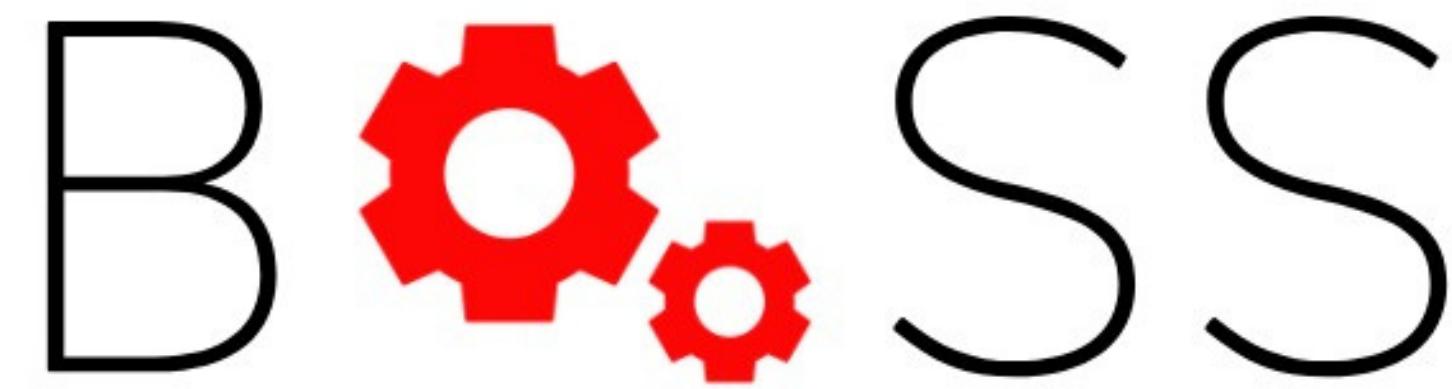


01

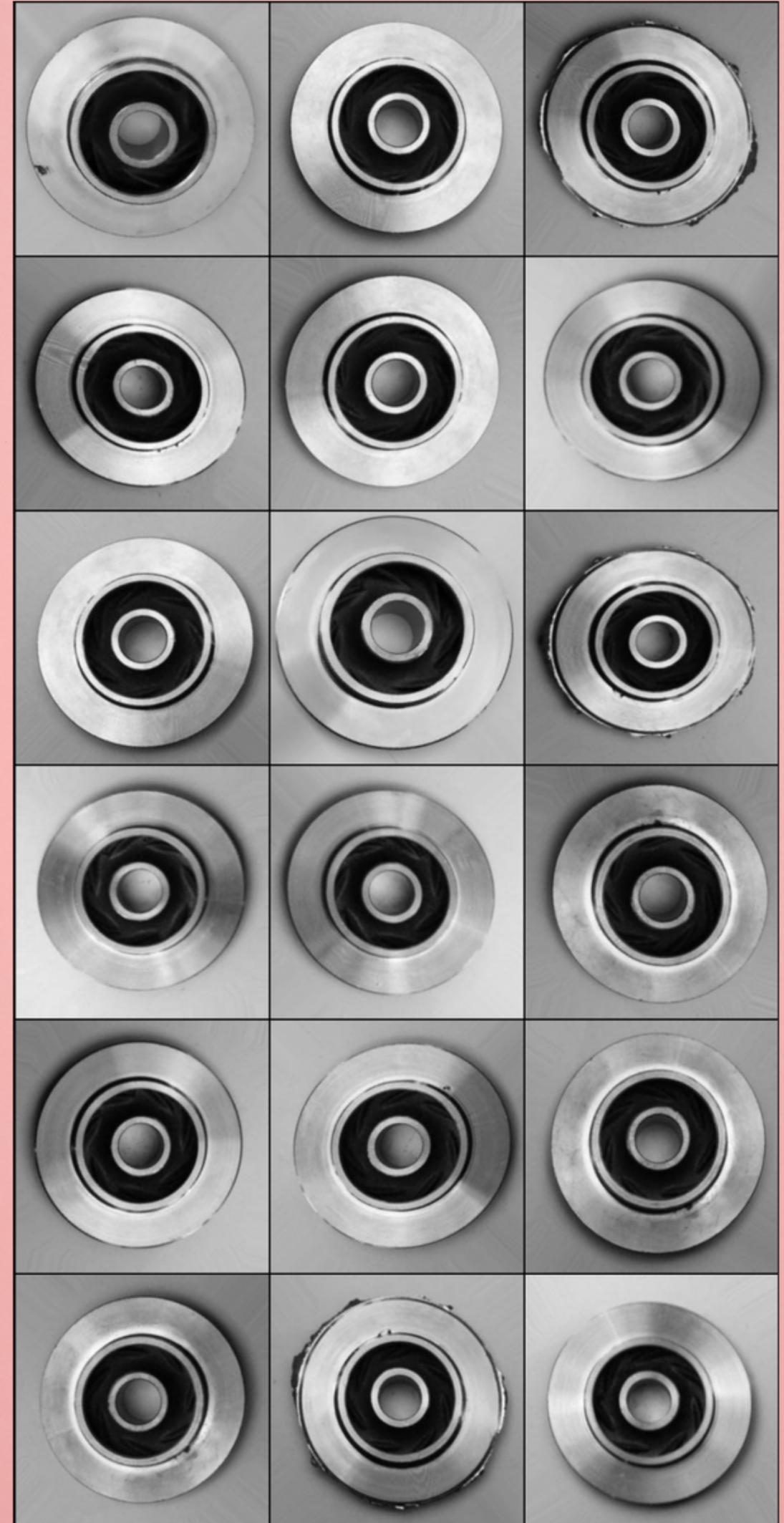


Technologies Ltd.

Ensuring zero defects

Fiscal Year 2020

02



Quality control in casting

PROBLEM

03

LESS EFFICIENT CONVENTIONAL SYSTEM

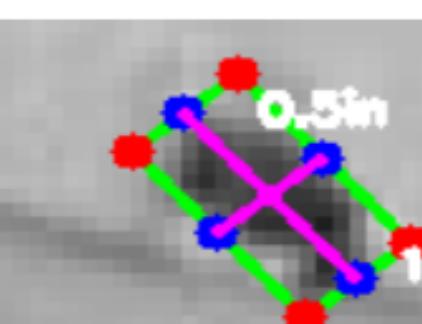
COST OF AUTOMATING THE PROCESS

UNABLE TO LARGE SCALE MANUFACTURING



04

SERVICE

<p><u>Defect</u></p>		
<p><u>Estimate of its dimension</u></p>		

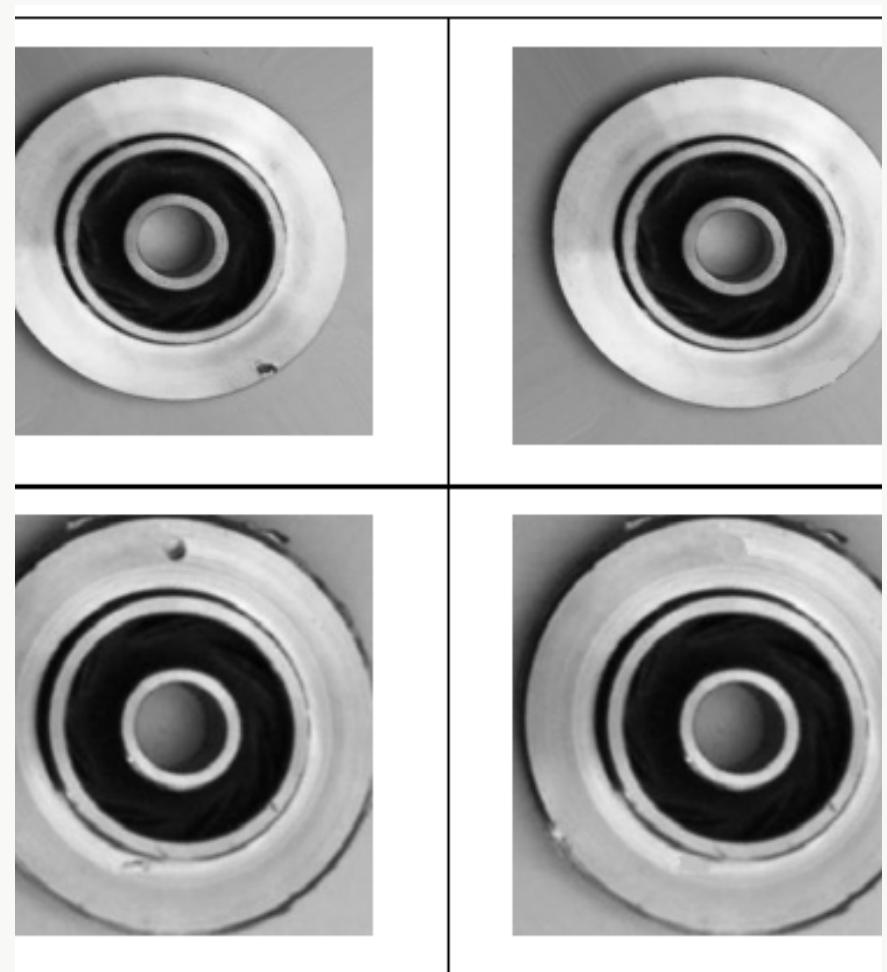
B2B SUBSCRIPTION MODEL

REAL-TIME DETECTION OF DEFECTS

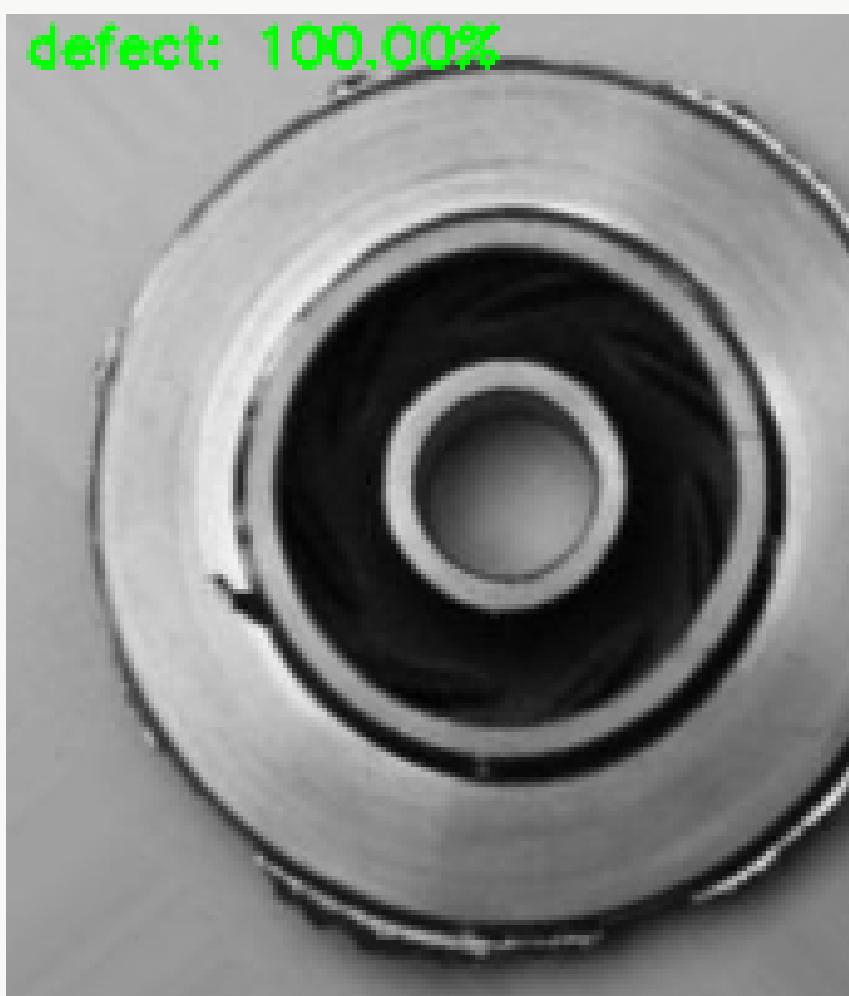
CLASSIFY AND SIZE
DETECTION OF DEFECTS
(segmentation)

05

Model Demo



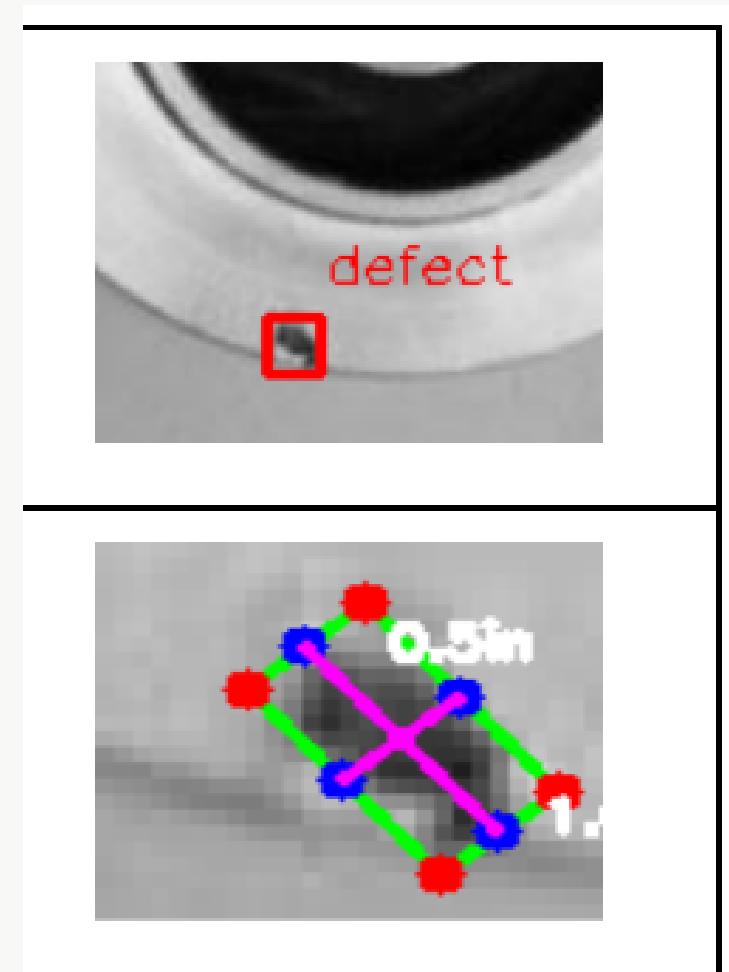
TRAINING



DEFECT
DETECTION



DEFECT
CLASSIFICATION



DEFECT
DIMENTION
ESTIMATION

06

ADVANTAGES OF OUR MODEL

HIGH ACCURACY

Overall accuracy of
99%.

EASY-TO USE

Requires very few
technical expertise to
operate the model.

INCREASED PRODUCTION RATE

Executes real time
detections.

GO TO MARKET STRATEGY

A subscription system to casting factories.

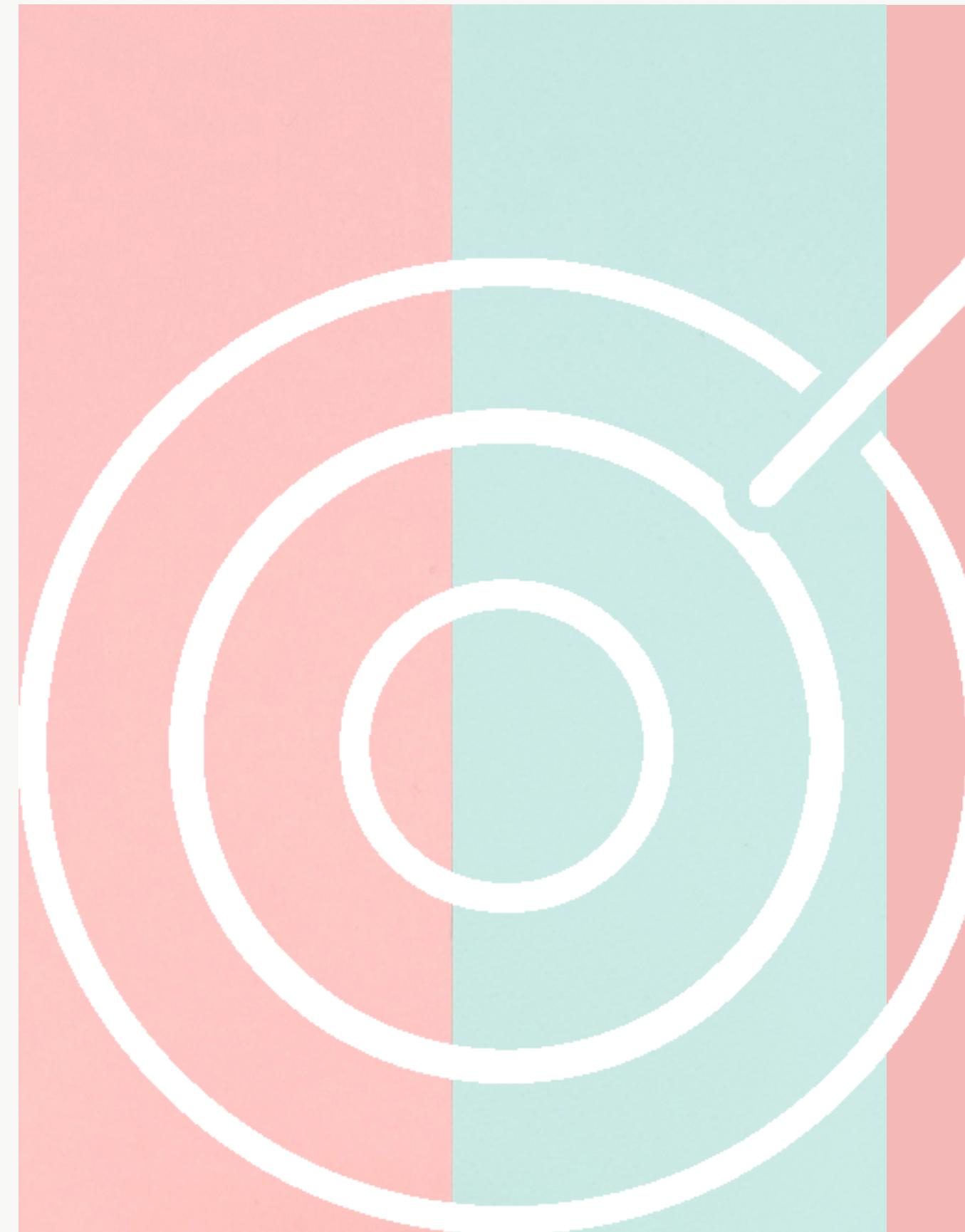
Maintenance, customisation and research of the model

Providing assistance in the quality control sector

07

Marketing Strategy | Fiscal Year 2020



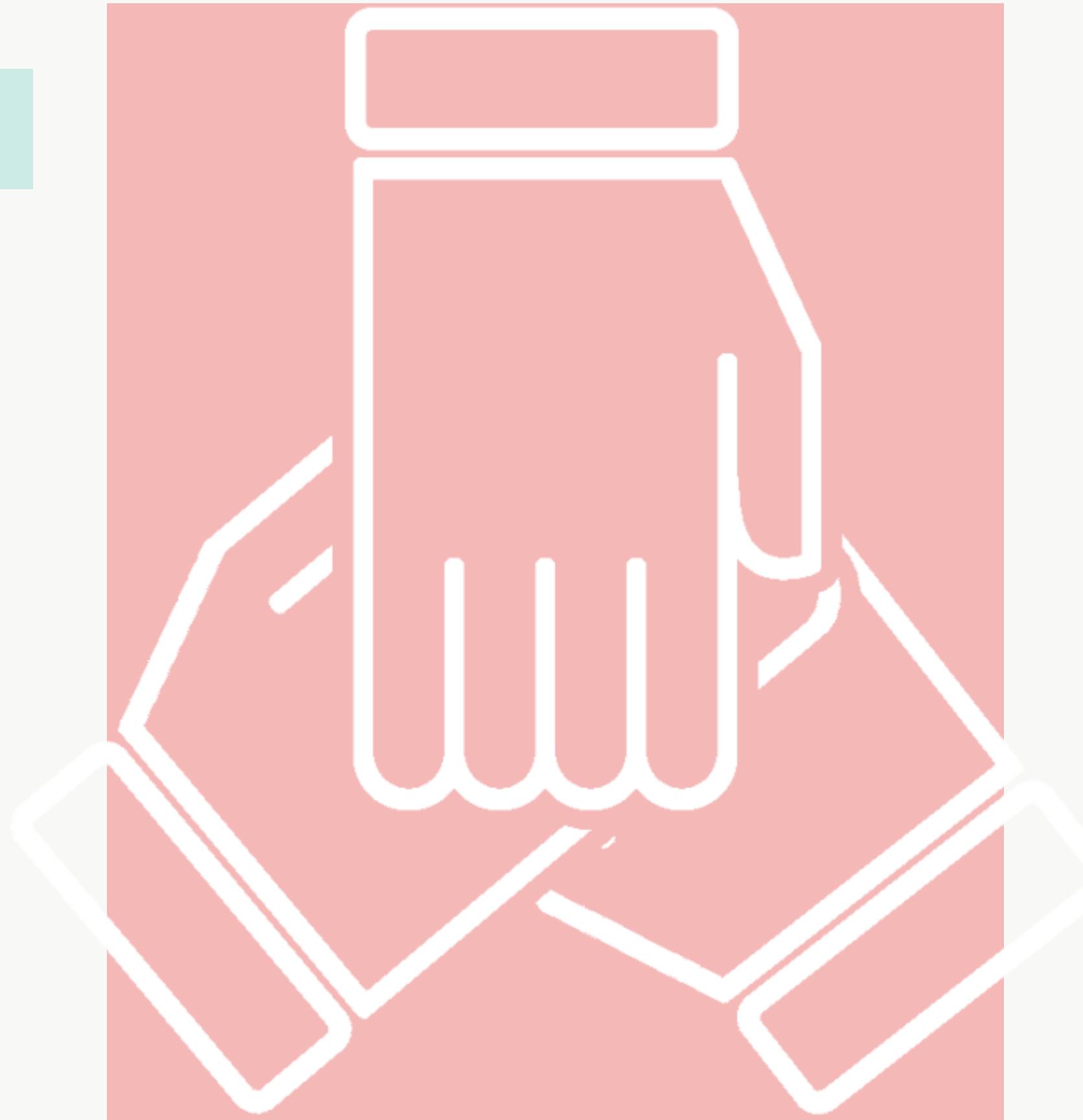


Goals

HORIZONTAL EXPANSION
ACROSS INDUSTRIES

INTEGRATING OTHER NDT
METHODS INTO THE MODEL

TRAIN MODEL TO DETECT
OTHER DEFECTS (E.G.
POROCITY SHRINKAGE)



OUR TEAM

Brijal Kumar Prajapati
Omprasad vibhute
Sumit bhong
Samyak ajmera



Thank you!

LET US KNOW IF YOU HAVE
QUESTIONS OR CLARIFICATIONS.