

THE AI POWERED SCALE

INTRODUCTION | Who is Robovision?



- Full stack intelligence platform
- Fueled by deep learning
- Founded in Gent, 2008
- 50+ employees



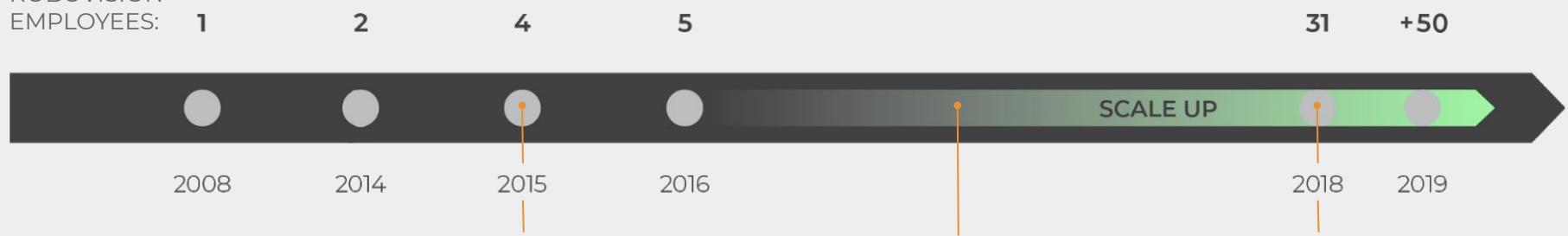
INTRODUCTION | Who is Colruyt Group?



Bizon corporate venturing
awards 2019

INTRODUCTION | How they got to know each other?

ROBOVISION
EMPLOYEES:



First pitch
at Colruyt

Technology scouting
by Colruyt Innovation

Start of
co-creation track

Why an AI powered Scale? | Solving problems & pursuing opportunities

PROBLEMS



No barcode on
fruits & vegetables



typing in code
is slow and
error prone



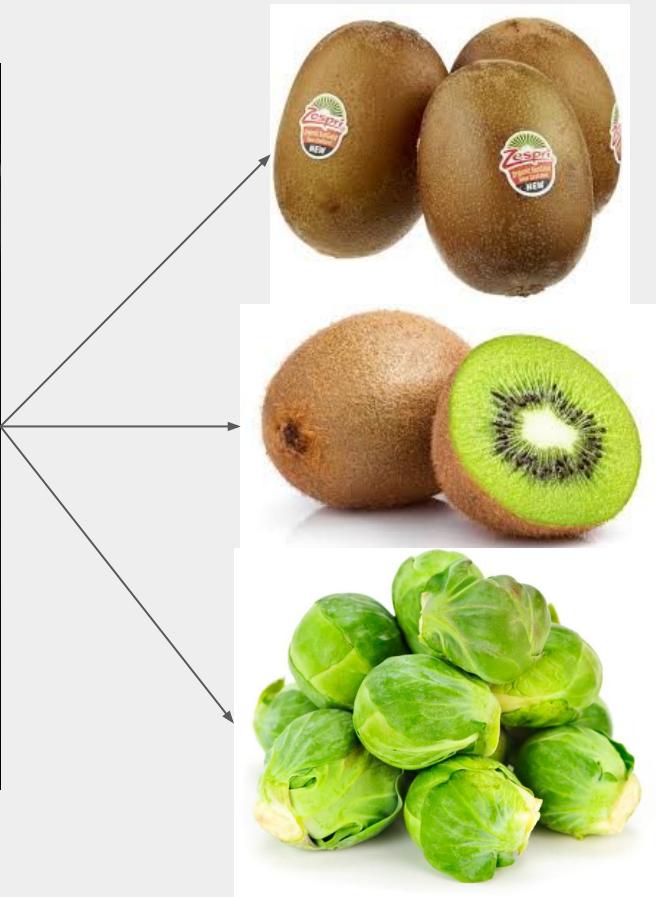
a lot of variation in
product range



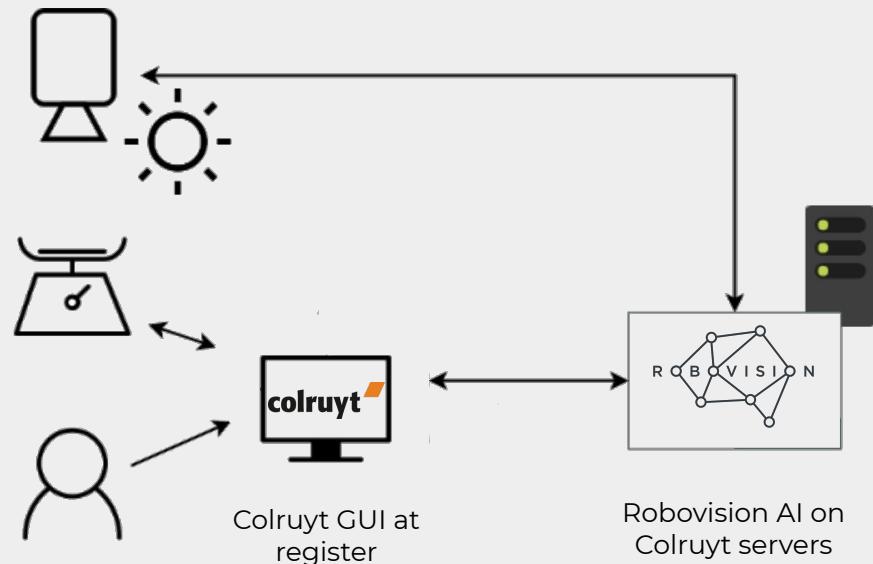
new products
added
continuously



Why an AI powered Scale? | Solving problems & pursuing opportunities



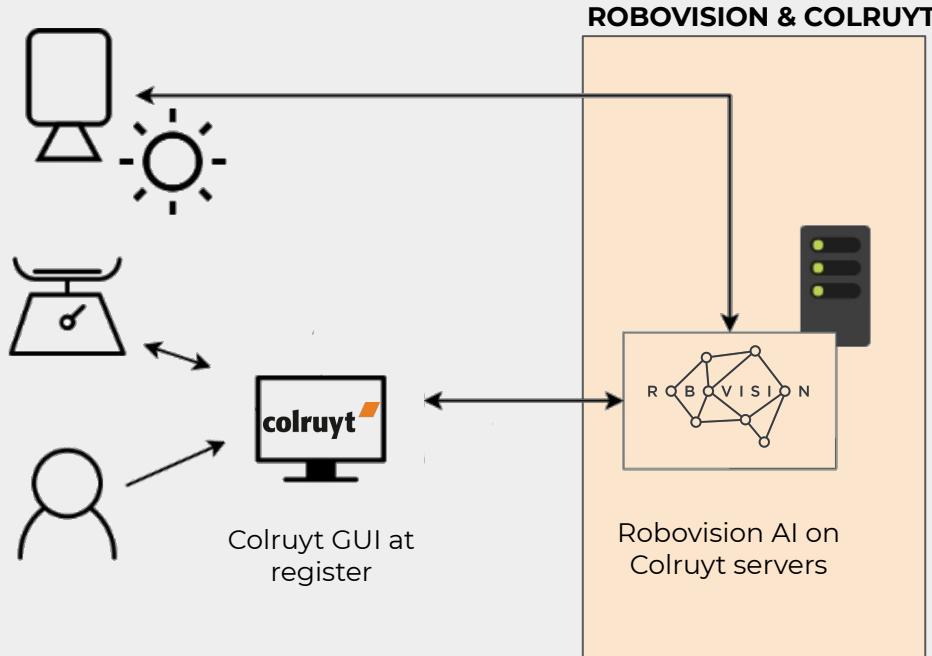
SOLUTION | The AI powered scale



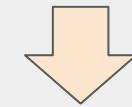
KEY FEATURES

- automatic recognition of fruit & vegetables
- GUI to choose correct product
- retrainable without expert knowledge

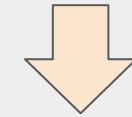
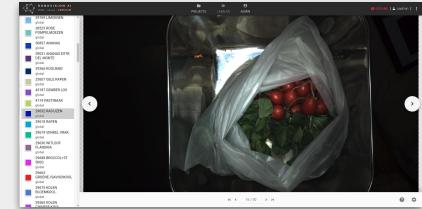
SOLUTION | Development of PoC



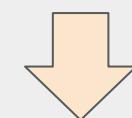
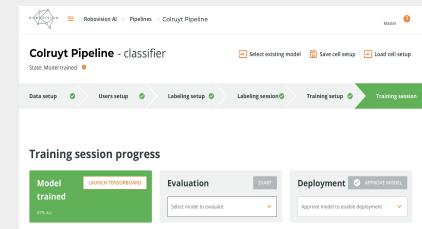
DATA COLLECTION



LABEL



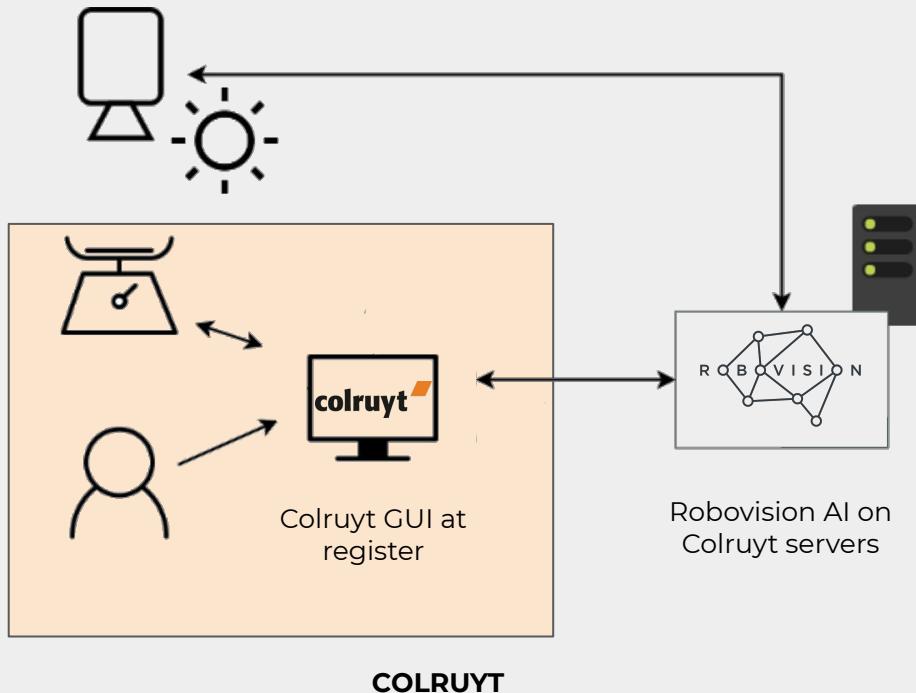
TRAIN



EVALUATE



SOLUTION | Development of PoC

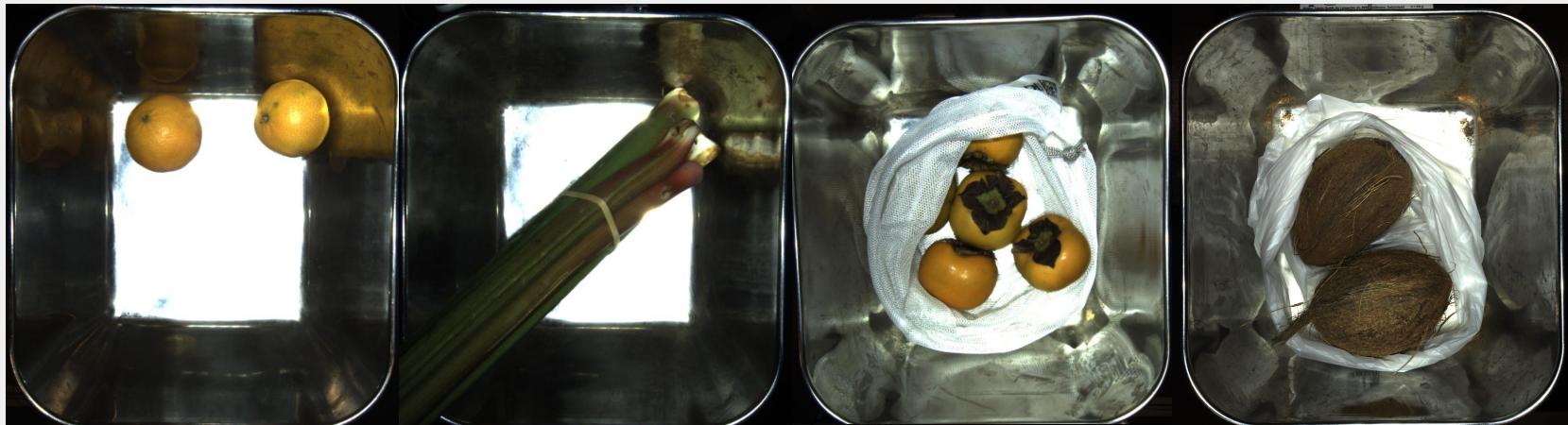


Integrate AI model in Colruyt workflow

User friendliness is key

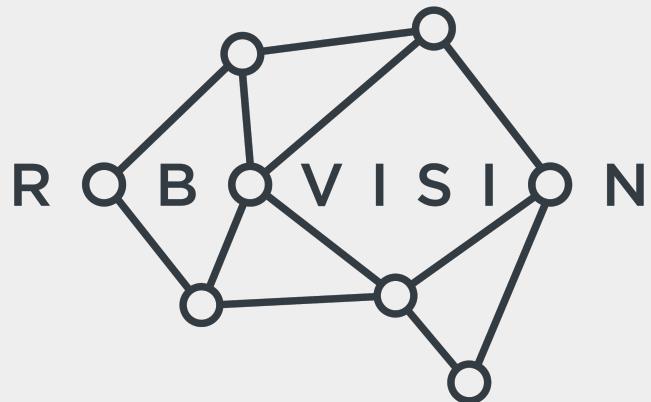


Results



How to get it to work in every store





thank you.