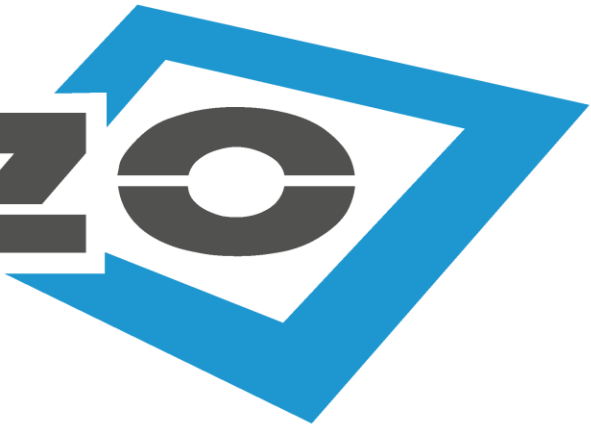


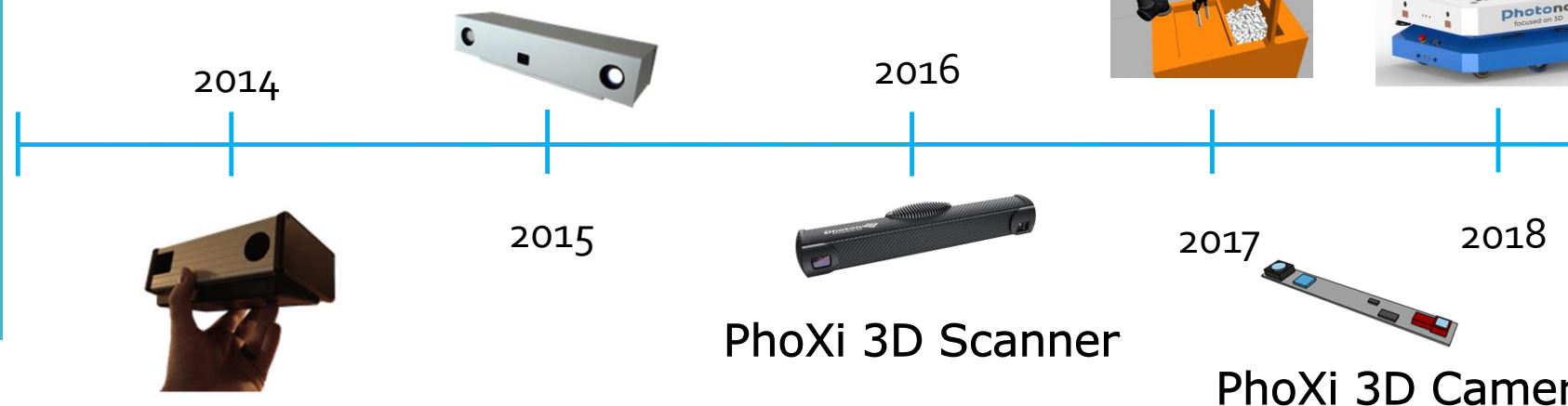
Photon **eo**
focused on 3D



Photoneo® product family timeline

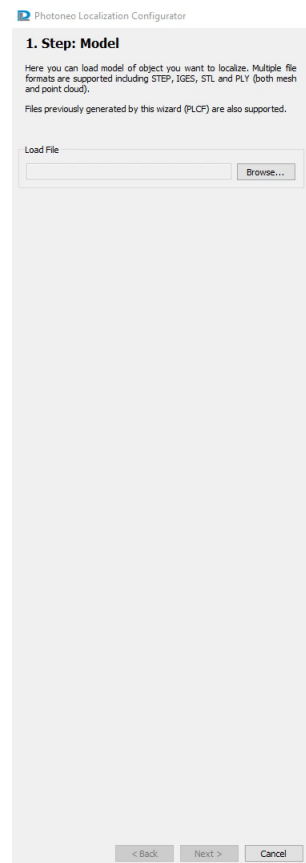
- PhoXi 3D scanner
 - PhoXi 3D camera
 - Phollower 100 AMR
 - Locator
 - AnyPick
 - BinPicking Studio
 - BinPicking Applications
- Hardware**
- Software**
- Applications**

BinPicking Studio



Photoneo® PhoXi® 3D scanners

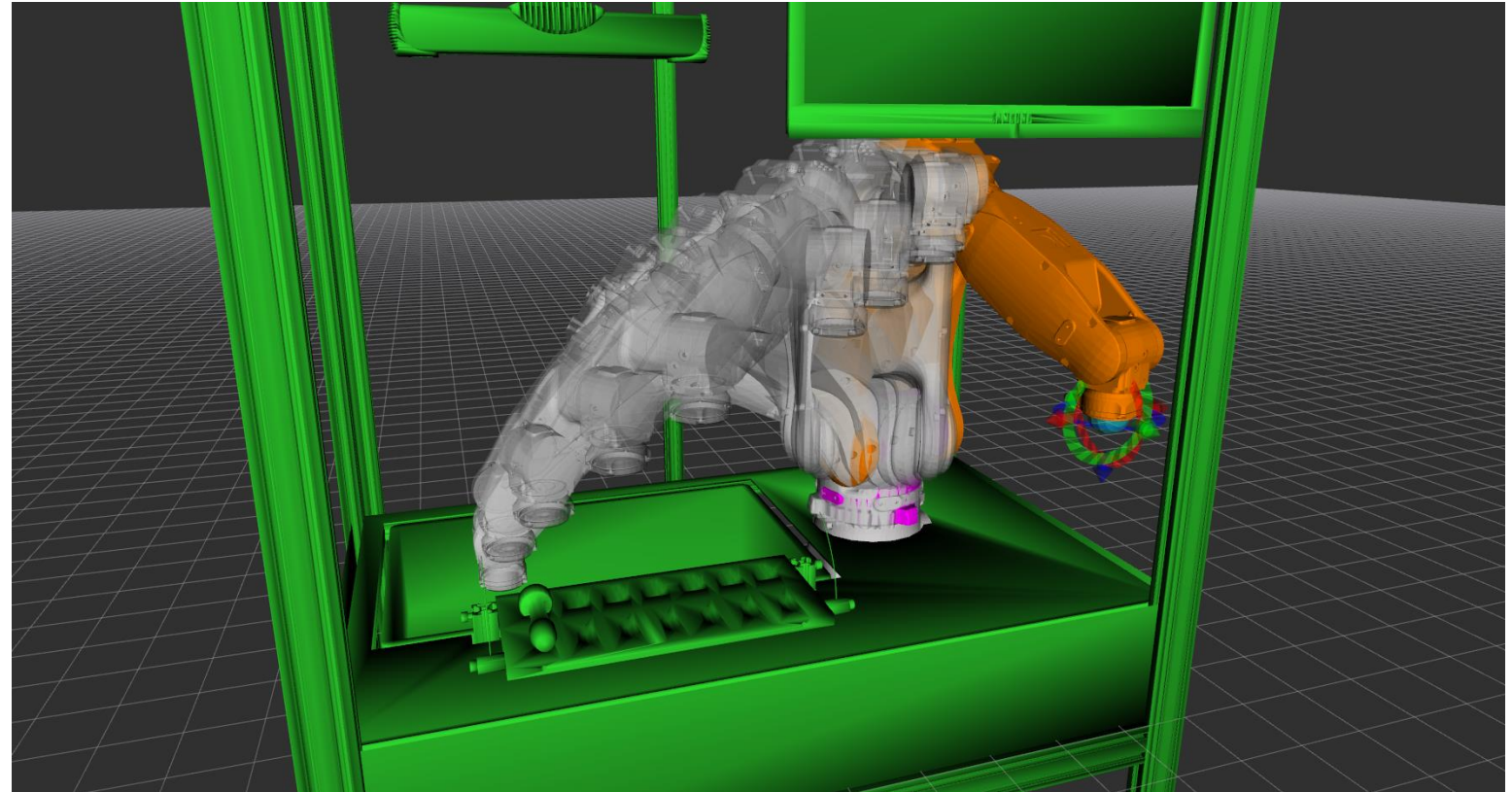
Photoneo® Localisation SDK



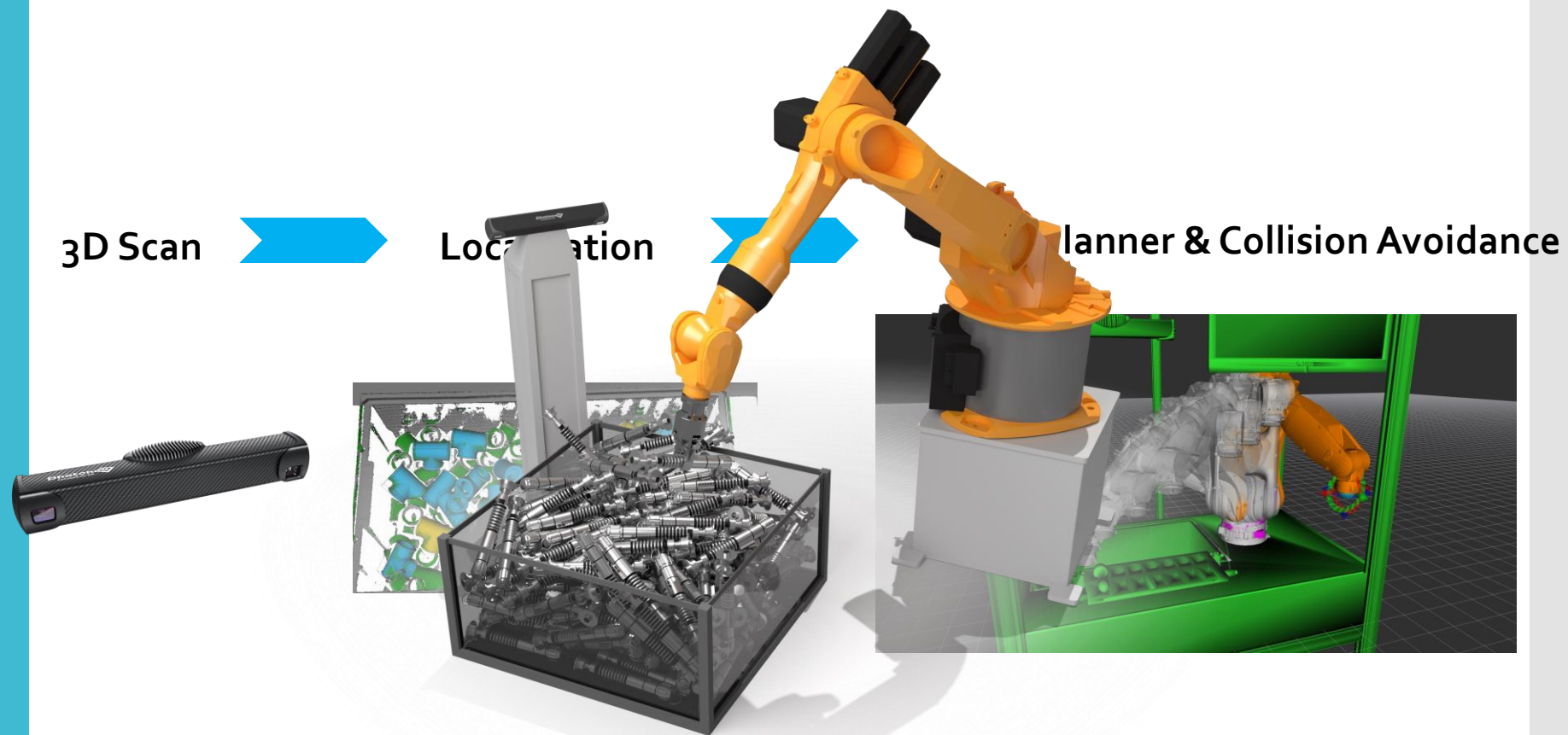
www.Bandicam.com

- □ ×

Photoneo® Path Planner & Collision Avoidance



Photoneo® Bin Picking Applications



Zotrvačníky

Bin Picking

GiBO

4 types

1 gripper



Hriadele

Bin Picking

GiBO

1 part

1 gripper



Hriadelky

Bin Picking

KLT box

4 parts

1 gripper



Segmenty

Bin Picking

Cardboard box

2 types (different height)

1 gripper



Paštéky

Bin Picking

Flat surface

7 parts

1 vacuum gripper



Vložky

Bin Picking

Flat surface

1 part

1 gripper



Trubky

Bin Picking

GiBo semioriented

4 parts

1 magnetic gripper

Localization Configurator

Step: Set parameters

Localization to best fit needs and generate localization file (PLCF) that can be used with Photoneo Localization and used directly for bin picking.

Instance

Model: 70 %

Priority

Time: 1000 ms

Is not for: 5000 ms

Number of instances: 11

Validator

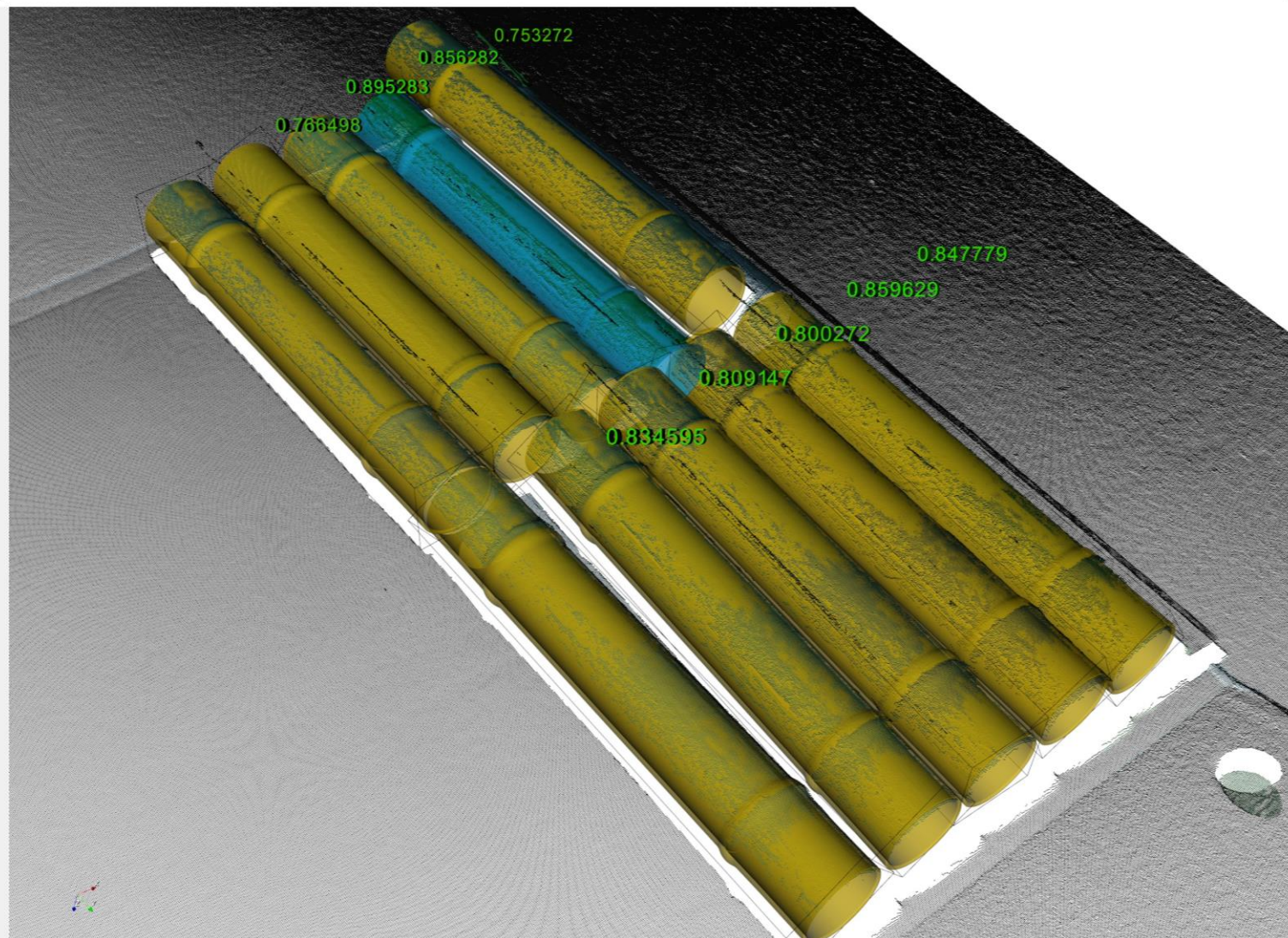
an-1706006

Stop Start Localization

ID	Overlap	Show
80.9147	<input checked="" type="checkbox"/>	
84.7779	<input checked="" type="checkbox"/>	
83.4595	<input checked="" type="checkbox"/>	
85.9629	<input checked="" type="checkbox"/>	
85.6282	<input checked="" type="checkbox"/>	
91.9816	<input checked="" type="checkbox"/>	
75.3272	<input checked="" type="checkbox"/>	
80.0272	<input checked="" type="checkbox"/>	
89.5283	<input checked="" type="checkbox"/>	
76.6498	<input checked="" type="checkbox"/>	

Objects in 5948 ms

Generate Cancel



Al profil

BinPicking

GiBo

2 parts

1 gripper



Valčeky

Bin Picking

1 part

2 robots

1 gripper



Bodovanie

BinPicking

GiBo

1 part

1 gripper



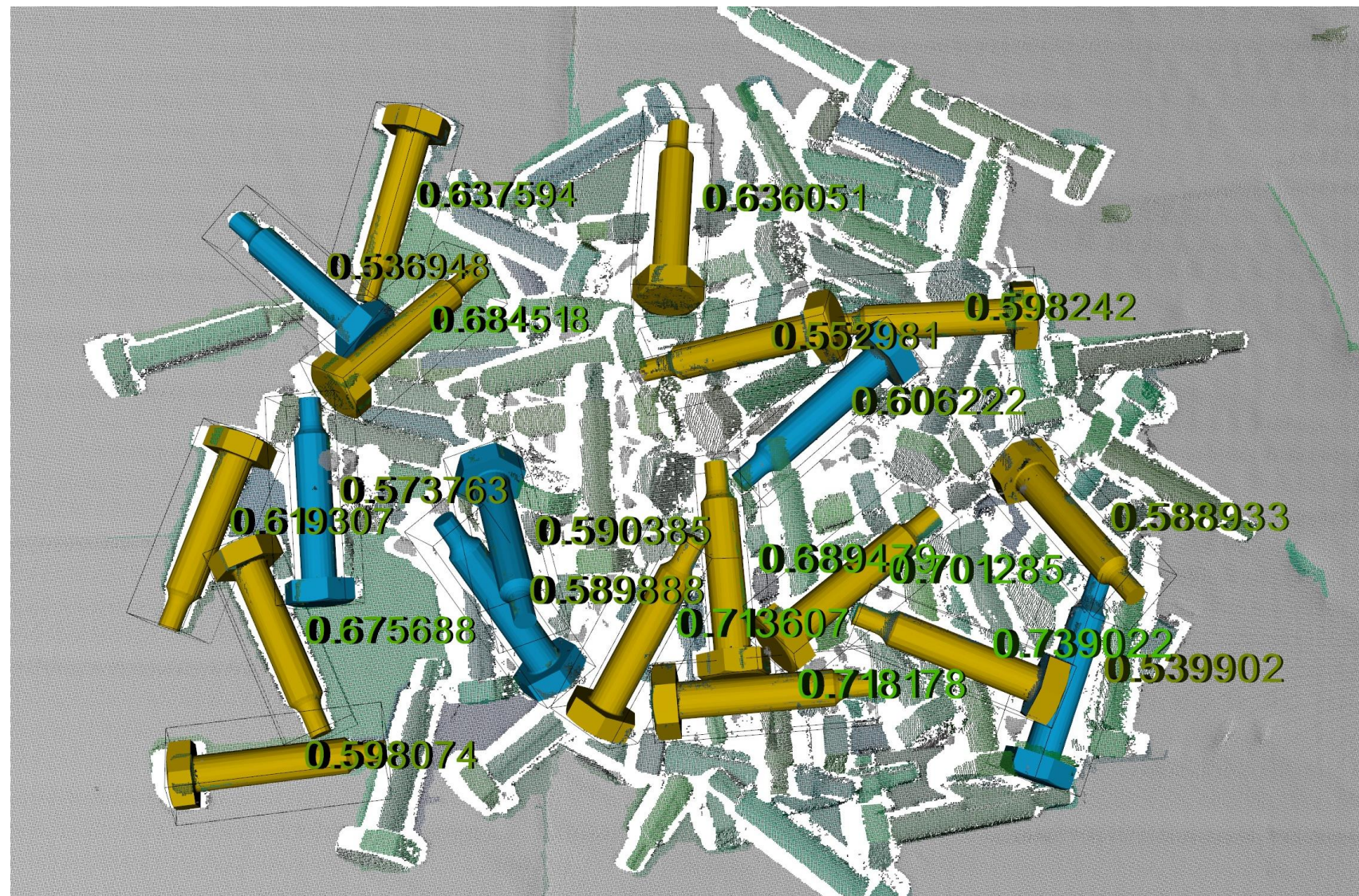
Skrutky

BinPicking

KLT

4 parts

1 gripper



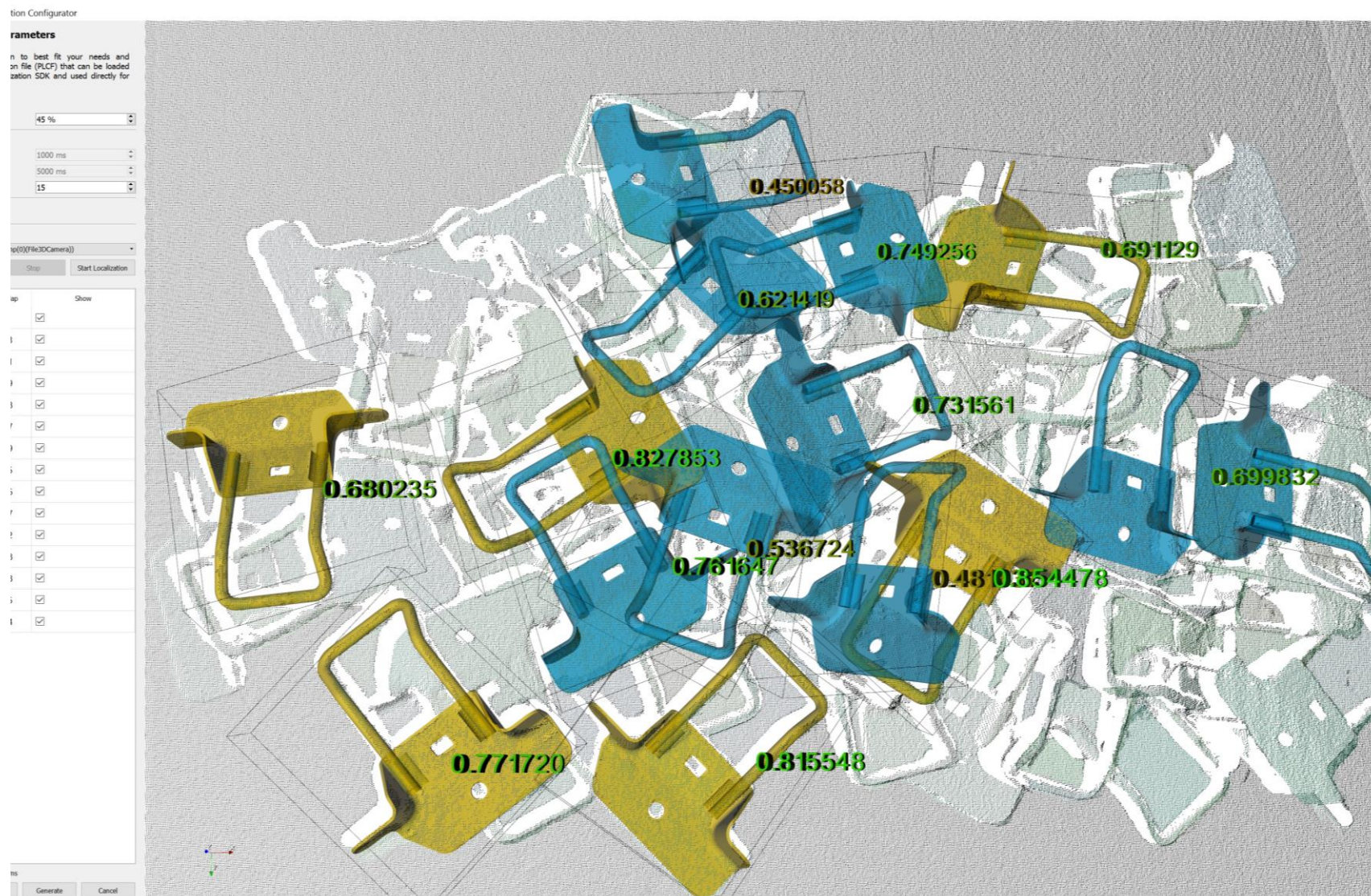
ISOFIX

BinPicking

KLT

2 parts

1 gripper



Krytina

Localisation

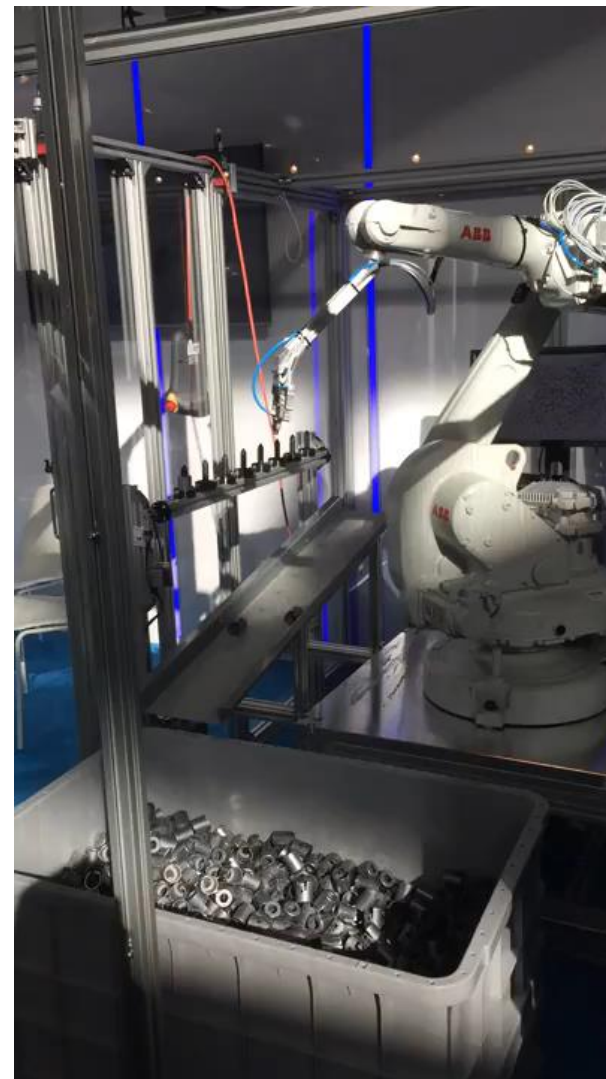
EUR pallet

4 parts

1 gripper



Photoneo® Bin Picking use cases



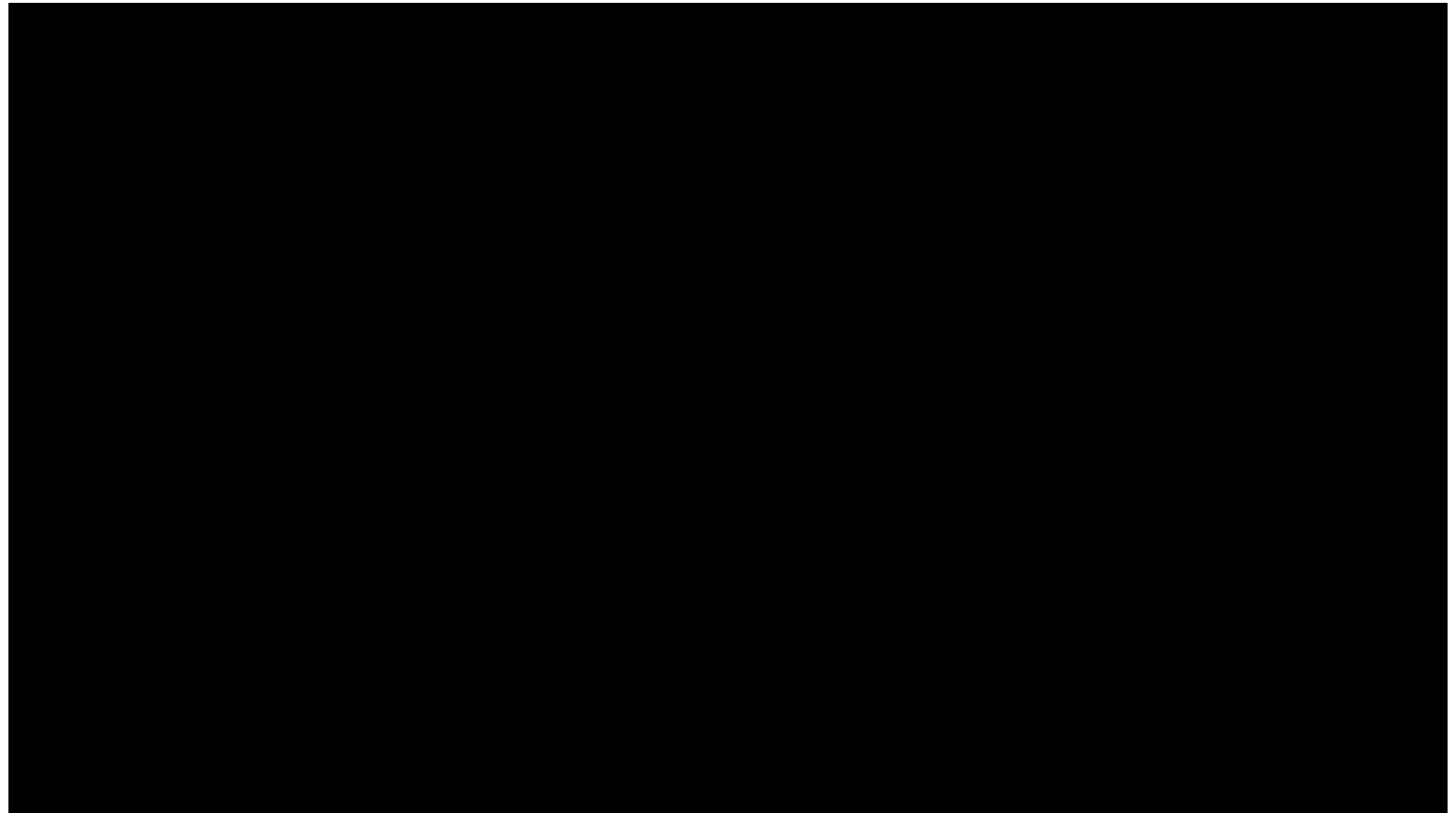
Photoneo® Bin Picking use cases



Photoneo® Bin Picking use cases



Photoneo® Bin Picking use cases



Photoneo® AnyPick

Photoneo® 3D camera



Q&A

Ďakujem za pozornosť.