VISION CONNECT

Quality Control Using AI



PASSION AND PERFORMANCE **IN EVERYTHING** WE DO















































PIERER INNOVATION

LET SUCCESS MAKE THE NOISE

6,088 Employees

375,492 UNITS SOLD

58%
MADE IN AUSTRIA

PRODUCT INNOVATION ALONE IS NOT ENOUGH

SMART SERVICES AND DIGITAL TRANSFORMATION IN ALL AREAS

COMPETENCE CENTER FOR TRENDS, TECH, SOFTWARE-DEVELOPMENT, BUSINESS MODELING AND DATA SCIENCE

DIGITAL PRODUCTS

Enhancing the physical experience with digital services

BUSINESS MODELLING

Development and identification of new business segments

DEVOPS

Agile software development, connected bikes infrastructure

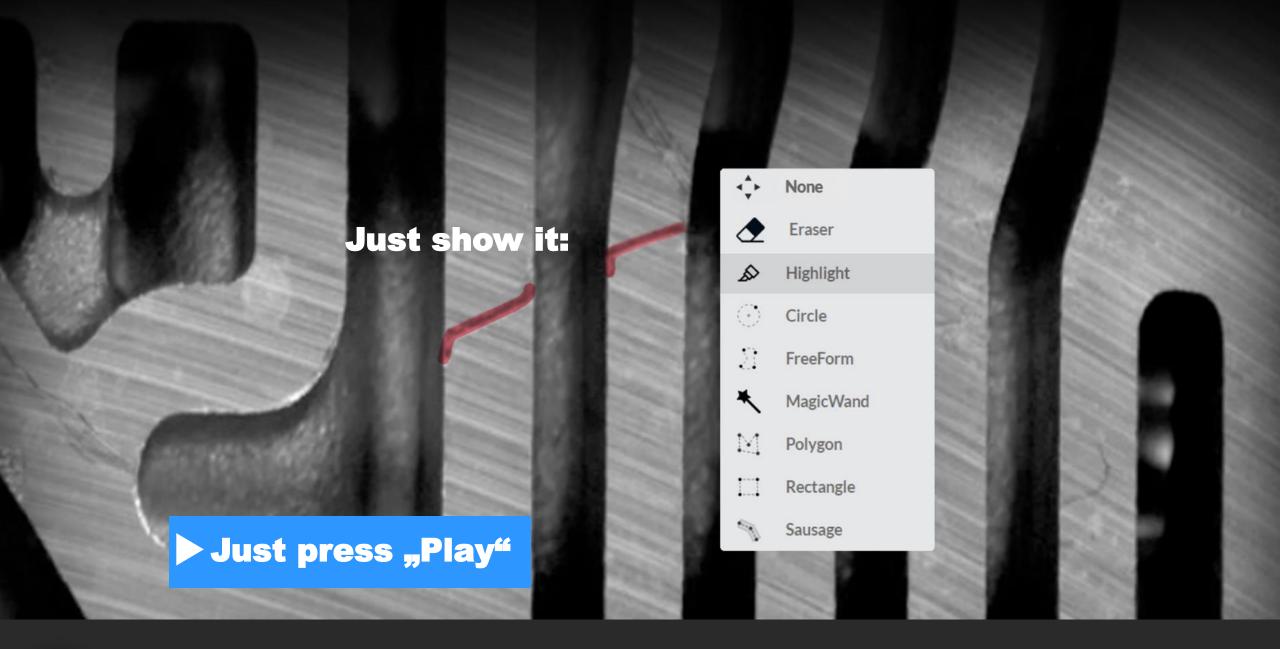
SMART COMMERCE

Transition from a B2B to a B2C business along the customer journey

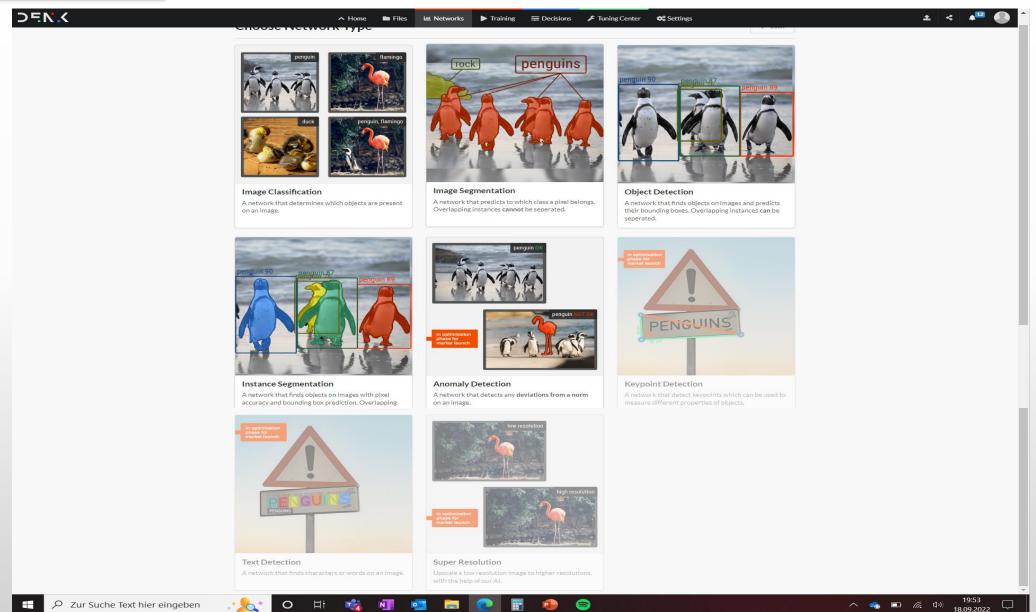
SCOUTING

Trend and technology foresight, supporting all stakeholders within Pierer Mobility

INNOVATION LAB



























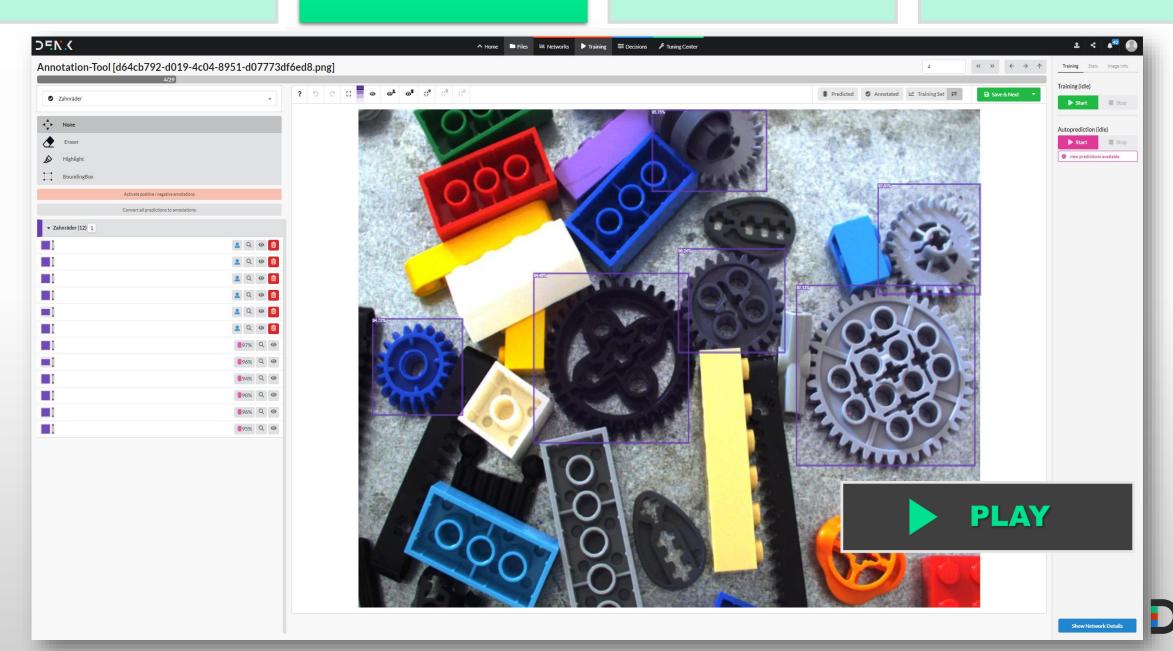




Give Input (if needed)

Set up output/recipes

Test and fine-tune

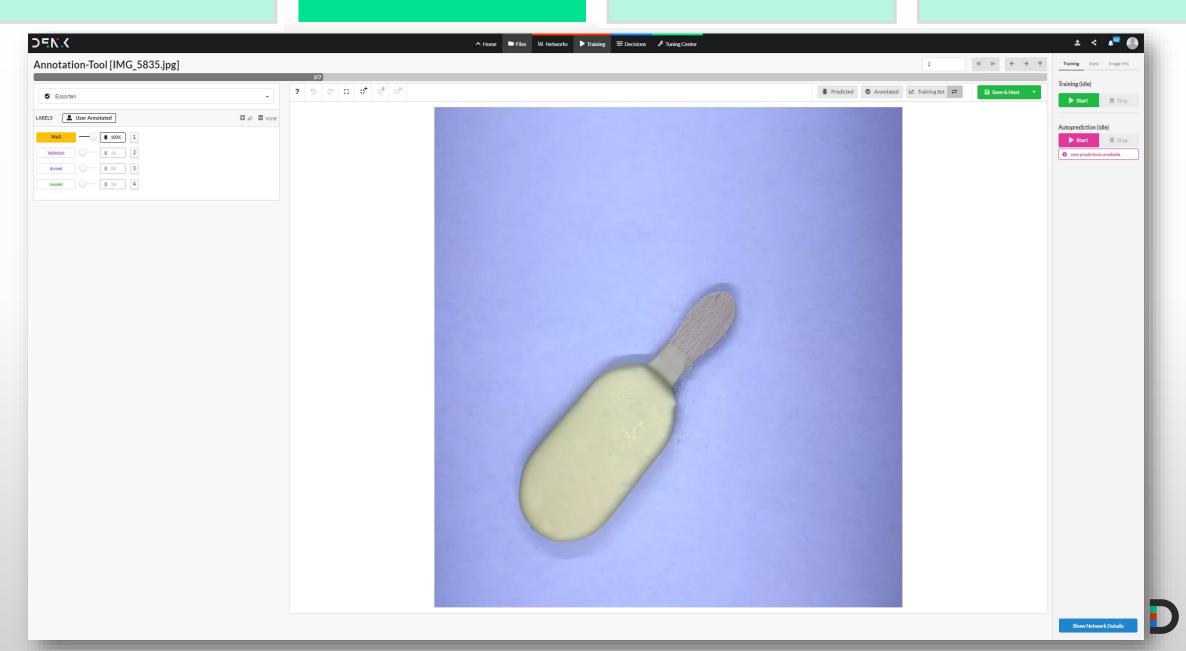


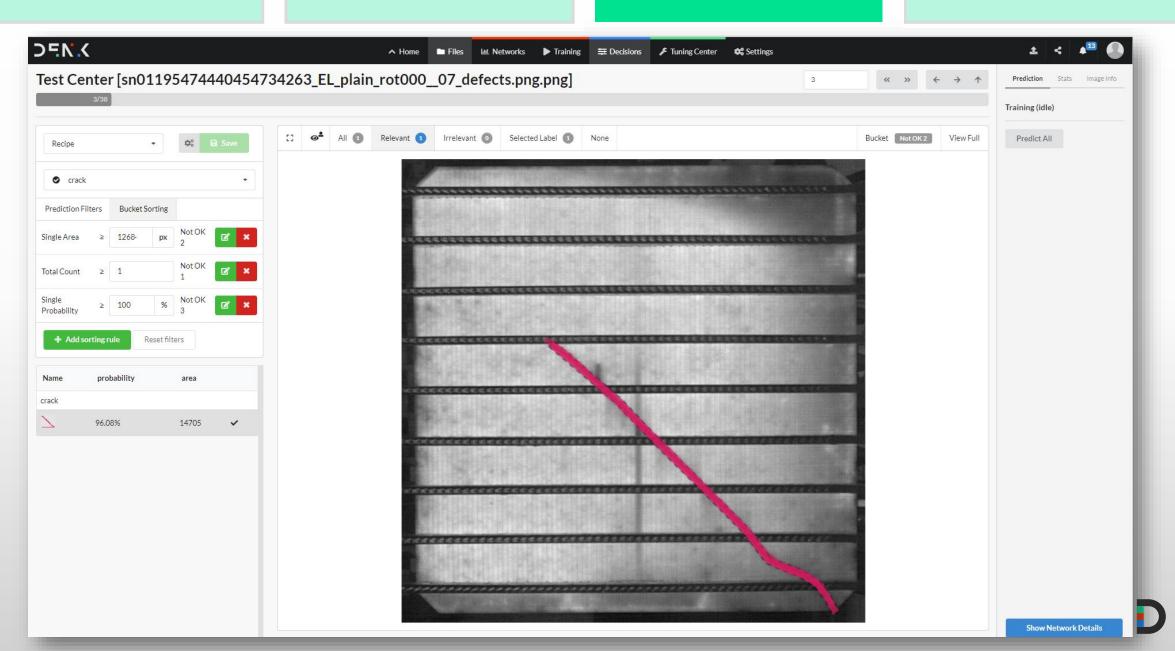
Choose your solution

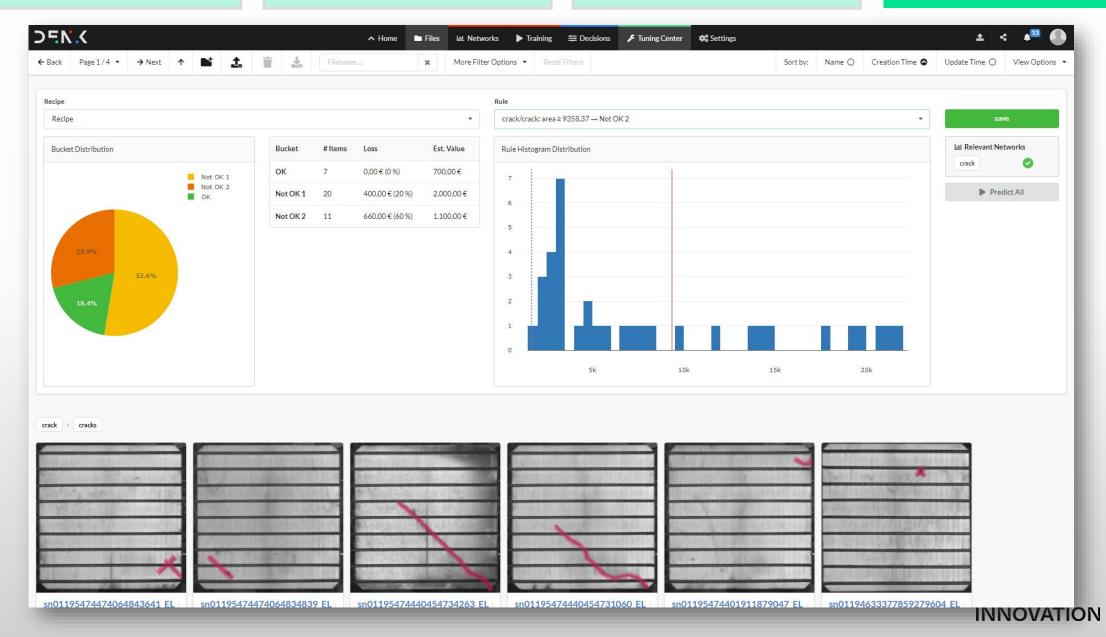
Give Input (if needed)

Set up output/recipes

Test and fine-tune

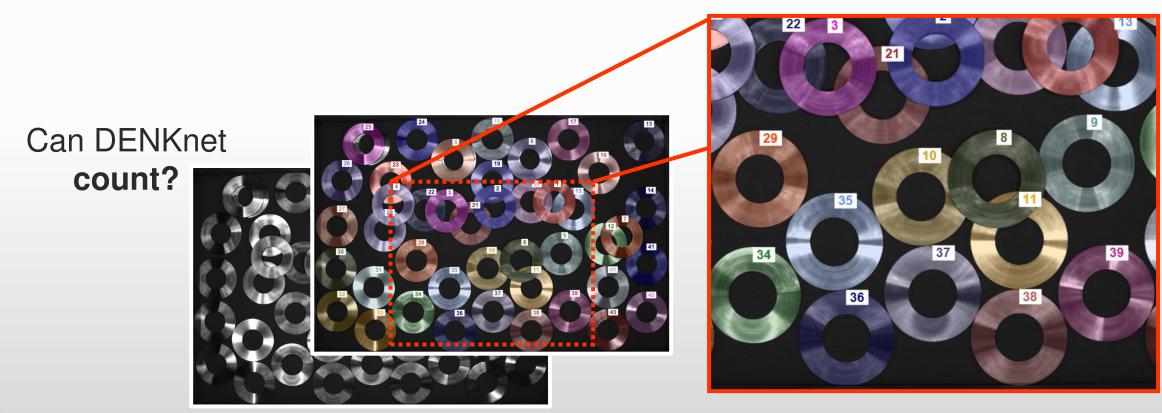








simply implemented





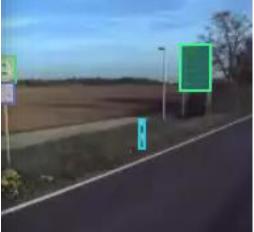


simply implemented

Can DENKnet many different classes?



	1000-32	16
	1000-33	2
	1001-30	53
	1001-31	138
	1002-xx	45
	1004-30	176
	1004-31	20
	1006-31	23
	1007-34	48
Ü	1010-51	35
ge	1010-58	27
I	1012-50	19
3	1020-30	29
	1022-10	61
	1026-35	27
	1026-36	23
	1031-5x	14
	1040-32	46
ĺ	1042-3x	77
	1053-30	18





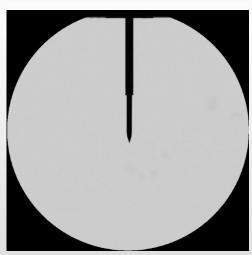


simply implemented

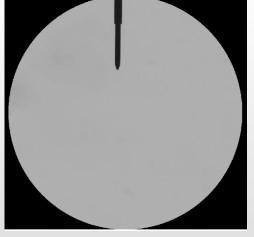
Can DENKnet good-bad?

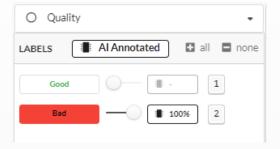
Image evaluation with 21 images created

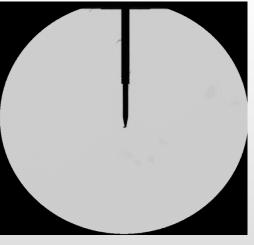
















simply implemented

Can DENKnet OCR?

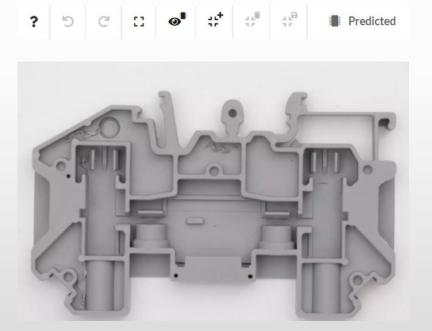




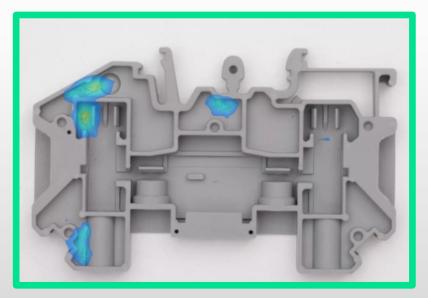


simply implemented

Can DENKnet deviations?







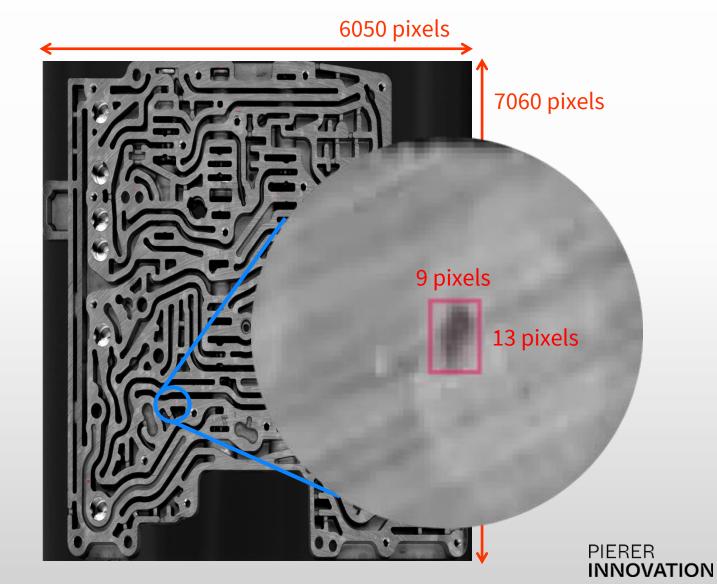




simply implemented

Can DENKnet tiny?

No Limitations





INTEGRATION STRATEGY



DENK Vision AI Hub



Product Integration

- DENK API
- Docker
- Online-Service

```
int ReadAllModels(
   const char* path,
   char* proto_chars,
   int* proto_size,
   int device);
```

Partner network

- Integrators / Automation companies
- Software companies





Own Software

- No code!
- Seamless experience





PROJEKT @ KTM MATTIGHOFEN

BoostUp! Bridge 2022



Next Steps

Facility Visit



Selection of Use Cases





Integration Challenges

Training of Datasets



PROJEKT @ KTM MATTIGHOFEN

Challenges



Expectations



Time



Stability





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