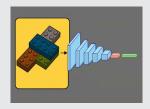


From Simulation to Reality: **Real-Time Al-Powered Quality** Inspection



Images from 3D models



Train neural network



Real-time testing on embedded device

- Real-time AI for automated quality control
- Customizable system for different machines
- Combination of multiple inspection methods: from image processing to deep learning
- Edge-optimized, modular software on Nvidia Jetson Orin NX
- Robust pipeline: from data acquisition through preprocessing to evaluation

