#### Contact Bluewrist Today!

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### BLUEWRIST FLEXIPICK Random Bin Picking

**Next Generation Productivity** 

6







# **BLUEWRIST FLEXIPICK RANDOM BIN PICKING**



#### **Benefits**

- Automated gripping tasks for parts of any shape and size
- Reduced part sorting costs and improved overall system productivity
- Full integration into the production line
- Speedy processing and customized to fit production line cycle time constraints

#### **Bluewrist FlexiPick**

FlexiPick is an advanced bin-picking system that enables a robot to pick randomly placed parts out of a bin and pass them to the next step in the assembly process. It offers distinctive results through the use of integrated software and hardware, typically an industrial robot, a 3D vision sensor, a gripper and a PC.



### **Bluewrist Advantage**

A high performance and reliable random bin picking solution requires seamless integration of software, 3D vision sensors and robotic guidance. Powered by custom software that is precisely calibrated to the physical characteristics of the part and tailored to meet a manufacturers' cycle time requirements, FlexiPick seamlessly integrates into the customer's existing production process. This enables Bluewrist's FlexiPick solution to overcome technical challenges and deliver a superior solution.











# BLUEWRIST

## **SCAN**×TREAM

3D point cloud processing of bin and parts Part recognition, location and robot guidance for best pick orientation

## **COM×**TREAM

- Industrial communication software for PLCs, robots and 3D vision sensors Seamless integration
- into existing production environment



#### **High Performance Bin Picking**

- Uses 3D vision camera to ensure high speed repeatable bin picking performance
- Vision system is not affected by changes in ambient lighting condition
- Reliable operation even when the bin is full or nearly empty
- Hardware agnostic solution with customizable sensor selection to suit the part's physical characteristics