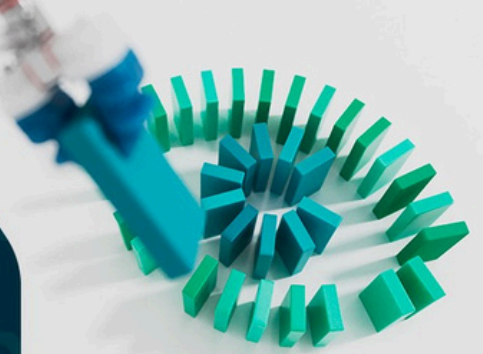


FIZYR

SMART ITEM PICKING & PLACEMENT



FIZYR OS IS ADVANCED VISION FOR AUTOMATION

Speed, Accuracy & Reliability – All in One Vision System

Fizyr OS's integrated **item picking and placement solution** is designed to operate autonomously with real-time adaptability and precision in high-volume scenarios.

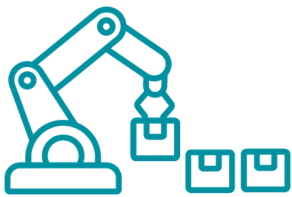
OPTIMIZED FOR

- E-commerce fulfillment
- Food processing, packaging
- Parcel & package sorting
- Retail & consumer goods picking
- 3PL & warehousing
- Manufacturing kitting & assembly



OPERATIONAL FLEXIBILITY

- Operates with a **fast, highly responsive vision cycle**, minimizing component bottlenecks in automation
- Designed for picking boxes, envelopes, poly bags, jiffy mailers, and other objects
- System can detect **transparent, highly reflective** items, and excels in challenging light environments

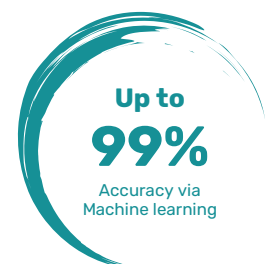


ROBOTS, GRIPPERS & CAMERAS

- Compatible with **leading 2D/3D camera families**
- Certified with **major robot brands**, plug-and-play tools simplify setup
- Integration with huge variety **gripper technologies**, including tool changers and multi-zone setups

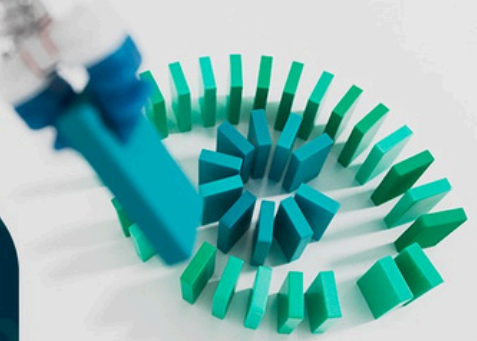
CAPABILITIES

- Detects overlapping, **occluded and irregular objects**
- Supports **multi-zone picking**, virtual boundaries, and in-process quality control
- Seamless **integration with robots, grippers, cameras**
- **Open API** integration with WMS, ERP, and MES systems
- Real-time data capture **enables actionable insights**



FIZYR

SMART ITEM PICKING & PLACEMENT



KEY FEATURES

- **Real-time dashboards** and performance metrics
- Production data utilized for **process optimization and continuous improvement**
- **Open API** integration with WMS, ERP, and MES systems
- Industry-leading divider and layout detection, enabling precise identification of targeted items
- Low-latency in vision cycle due to responsive RPC protocol interface, **millisecond-level decisions**
- **Remote access**, secure back-ups, and fast recovery



SYSTEM PERFORMANCE

- Enables up to **2,000 picks/hour** depending on robot configuration
- **Fast vision cycle** time: 80–150ms response time
- Optimized for non-stop, accurate and high-uptime operations

MODULAR & CONFIGURABLE

- **Easily configured** for maximum flexibility
- Built-in **segmentation, prioritization & collision avoidance**
- Virtual network updates allow **continuous performance tuning**
- **Future-proof**, network can be trained for new object types as needed

FIZYR OS IN ACTION



**Wherever items need to be picked, placed, inspected or sorted...
Fizyr OS delivers.**

CONTACT US

Let's explore how we can help you with your automation challenges.
Contact us today for a Vision Automation Consultation!

