

Fizyr and Laundry Robotics Extend Long-standing Partnership

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Fizyr vision and Laundry Robotics' Robin and Roy combine for best-of-breed laundry feeding solution

Fizyr, providing the smartest and fastest vision for robotic systems, announces it has extended its partnership with Laundry Robotics, which initially started in 2016. In the eight years since, the automatic towel feeder solutions, which Laundry Robotics named Robin and Roy, have been deployed in installations across Europe and North America.

"Laundry Robotics has been an amazing company to partner with over the years," said Fizyr CEO Ken Fleming. "Being able to collaborate with them on best-of-breed solutions like Robin and Roy is a testament to the impact of shared ingenuity in solving unique challenges within a specific industry."

In high-variability laundry environments where towels arrive in piles, identifying the edges and corners of towels for picking is among the most difficult challenges. [Fizyr's deep learning vision](#) uses segmentation, shape detection and material detection to do just that. Its algorithms then prioritize the actions to take, utilizing cascade learning to analyze inputs, calculate optimal actions and direct the robot. After each pick, a new image allows Fizyr to recalculate, account for any changes that occurred, and direct the robot's next step, all in a fraction of a second.

Utilizing Fizyr's advanced vision, which considers more than 100 grasp poses each second, Robin and Roy can feed more than 600 towels per hour to a folding machine, identifying the best grasp position for any type of towel regardless of placement or variability. Fizyr detects corners, logo position and placement, and ensures all clothing, garments and other items are removed from the folding process. Robin's 24/7 capability helps laundries overcome labor shortages and save wear and tear on employees by handling repetitive tasks while increasing throughput in folding.

"Fizyr's unparalleled vision made it the ideal complement to Robin and Roy," said Erwin Maassen, co-founder of Laundry Robotics. "The rapid analysis and decision making ensures Robin works at peak efficiency 24/7 to maximize feeding to a towel folder from any brand. Robin and Roy are all about productivity, availability and quality."

About Fizyr

Fizyr offers advanced vision for robots, providing the smartest, fastest and most effective brain available to maximize robotic capabilities. Compatible with all major robotics systems on the market, Fizyr enables robots to see, perceive, account for variances, learn and perform more successfully than any other robotic software, and Fizyr partners with top integrators to ensure their success. With demand growing for robotic automation, Fizyr is focused on enabling robotic and systems integrators with the best computer vision capabilities for logistics applications. <https://fizyr.com>

About Laundry Robotics

Laundry Robotics provides automatic towel feeding solutions for the laundry industry. The robotic solutions are equipped with the smartest advanced vision AI software. The solutions are compatible with all major towel folders from any brand. www.laundry-robotics.com

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