

## **Fuji demonstrates its autonomous mobile robot (AMR) for moving carts in retail stores**

Move goods automatically from storeroom to shelving area during after-hours operation

Fuji Corporation (headquarters: Chiryu, Aichi, Japan; Chairman and CEO: Nobuyuki Soga) has used its knowhow from years of experience in robotics and automation to develop a solution for automatically moving wheeled carts in retail stores. Fuji's solution can handle multiple types of existing carts that are typically used in retail stores and requires no changes to existing store layout or infrastructure. To evaluate the practicality and capability of the robot, testing began in July 2022 at selected stores of Cainz, a top home improvement center chain in Japan.



*Fuji robot during after-hours operation at store, Japan*

In the retail industry, goods are delivered regularly to stores from distribution centers. Various technologies are currently being developed that promise to automate this distribution, such as self-driving trucks. However, once goods arrive inside the store, there is a lot of manual labor involved in getting the goods all the way to the shelves. Retailers would like their staff to focus on activities that really add to the customer experience of shopping. This is where Fuji's solution comes in – by automating the work of moving carts to the shelves and by doing it after-hours, staff are free to improve customer experience.

Once tags have been added to carts, the robot can recognize them automatically and move the goods wherever in the store they are needed. By operating in the dark after hours, productivity is improved to the maximum possible extent.



### Exhibition information: NRF 2023, Retail's Big Show, New York, USA

Part of this under-development solution will be on display at NRF 2023, Retail's Big Show, one of the largest exhibitions in the world dedicated to retail solutions. Fuji will be demonstrating its ultra-thin model, with its class-leading height dimension.

Exhibition details	NRF 2023, Retail's Big Show
Location	Jacob K. Javits Convention Center, New York City
Dates	January 15 to 17, 2023
Website	<a href="https://nrfbigshow.nrf.com/">https://nrfbigshow.nrf.com/</a>
Exhibitor	<a href="#">FUJI Innovation Lab.</a>



*NRF 2023 display model*

### About Fuji Corporation

Fuji Corporation is a global leader in the development, manufacture, and sales of electronic component mounters and machine tools. Since its founding in 1959, Fuji has continuously innovated its robotics and automation technology to contribute to a better future, creating a global and sustainable robot company. Fuji will apply its robotics technology to areas such as manufacturing, logistics, and healthcare, enriching people's lives and bringing new value to society by delivering products and services that surprise and impress. Our vision is a sustainable society filled with technology that brings smiles to people's faces.

Headquarters	Aichi-ken, Chiryu, Yamamachi, Chausuyama 19
Representative	Chairman and CEO: Nobuyuki Soga
Founded	April 1959
Telephone	+81 (0)566-81-2111
Capital	5,878 million yen (March 2022)
Main products	Electronic component mounters, machine tools
Website	<a href="https://www.fujiinnovation.com/rally">https://www.fujiinnovation.com/rally</a>

### Inquiries

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