

The concept of "teaching" for flexible production

Shortage of robot engineers

➤ Simplified teaching for task instructions

- Direct teaching with voice enables system building even for non-experts.
- It enables to reduce significant costs from outsourcing system changes.

Updating the cell for flexible production

➤ Easy prototyping

- Once verified in the collaborative robot, transition the same task to the industrial robot with voice commands.
- Iterate teaching to collaborative robots and replication to industrial robots realize flexible production.

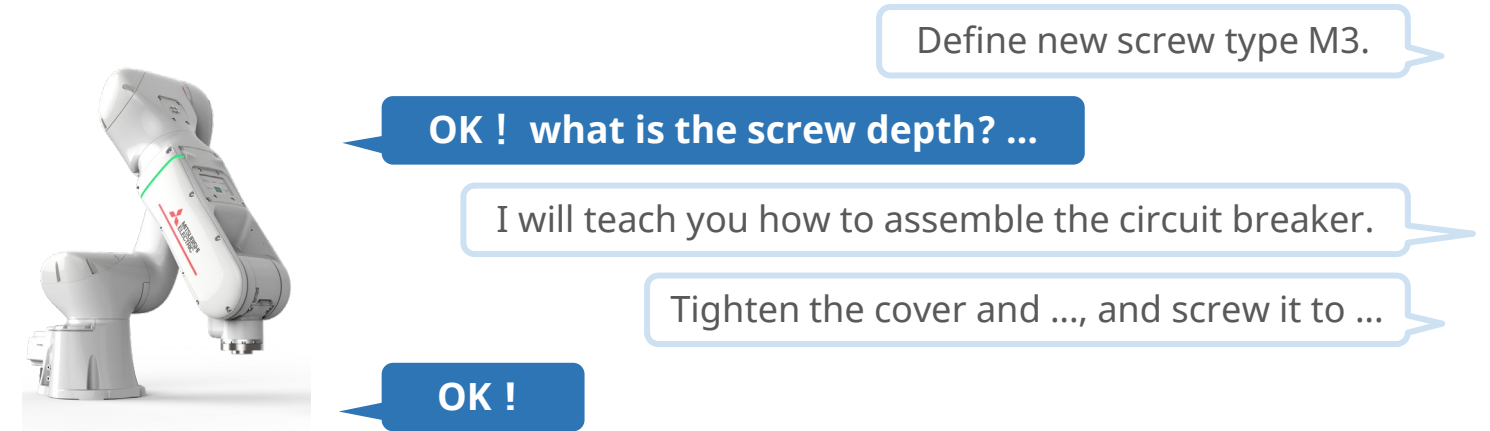
Challenging to modify the program

➤ Easy to make partial changes later

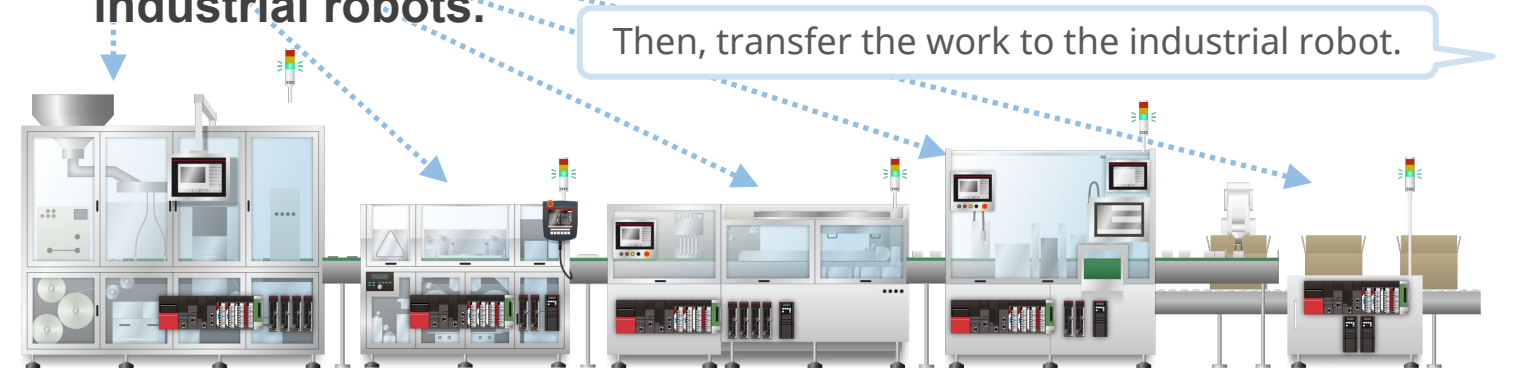
- Content received via voice is structured and stored, allowing for easy instruction changes like "Change screw size from M3 to M4." "OK!"

Example of operation change at a manufacturing site

① Effortless setup and prototyping with collaborative robots.



② Easily modify operations by copying instructions to industrial robots.



※This is in collaboration with THINKING ROBOTS INC. in Boston.