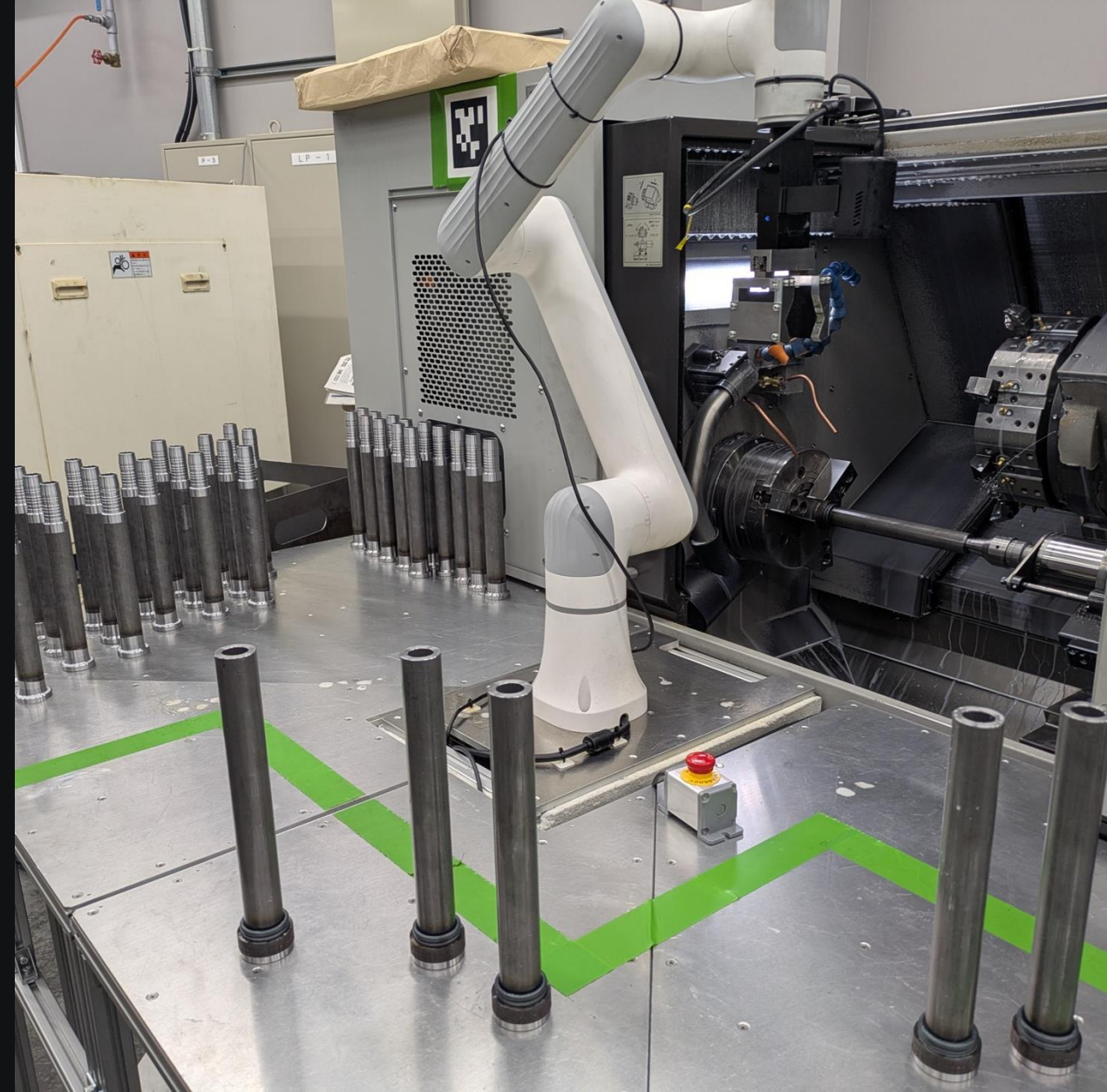




Robotic systems integration

Specializing in AI
and machine vision

We integrate robots and existing equipment
to automate manufacturing processes.



Company profile

Company	ZREK Inc.
Established	April 2021
CEO / CTO	Yuki Imamura
Head office	Shibuya, Tokyo, Japan
R&D base	KBIC, Kawasaki, Japan
Team	15 people Including contractors and interns

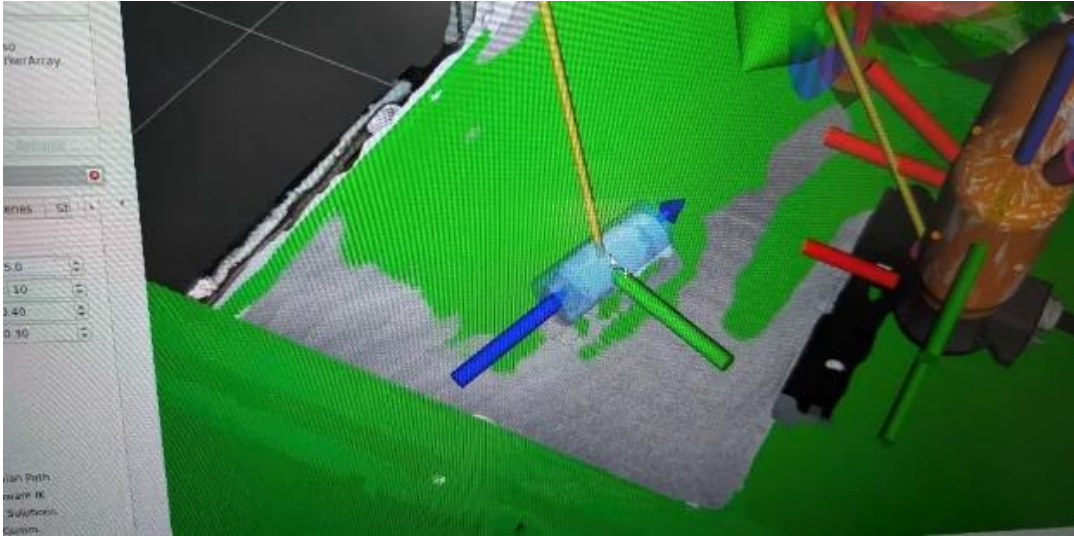
Company information based on the August 2026 profile.



Robot system development and integration

Feasibility studies, software development and on-site deployment

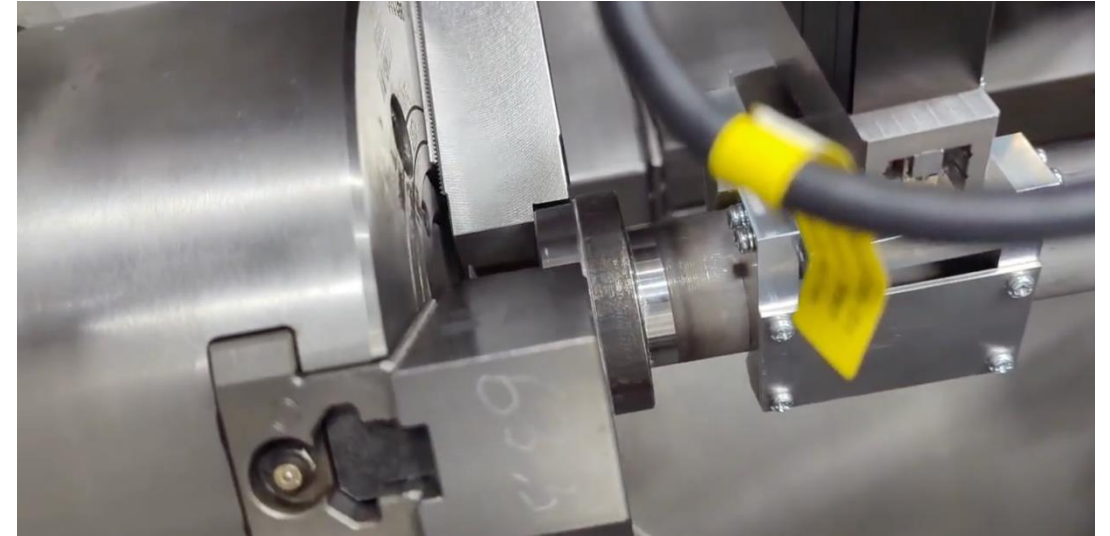
Technology for factory operations



3D vision and image processing

3D vision and image processing identify objects, geometry and operating conditions.

We design for production variability, fault detection and recovery.



Robot and equipment control

Simulation supports motion development.
Equipment integration coordinates execution.

Operus: automation for CNC lathes

01 Register a part

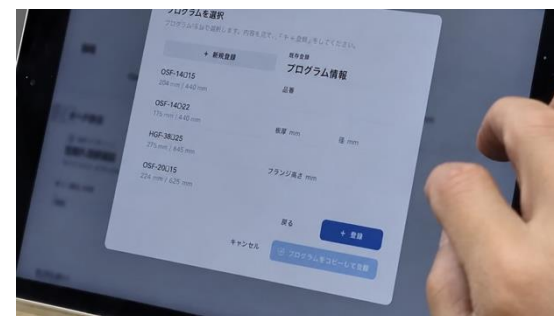
Use drawings or 3D data to enter part geometry and dimensions.

02 Generate robot motion

Reuse common machine-tending motions.
Update the parameters for each part.

03 Manage daily operation

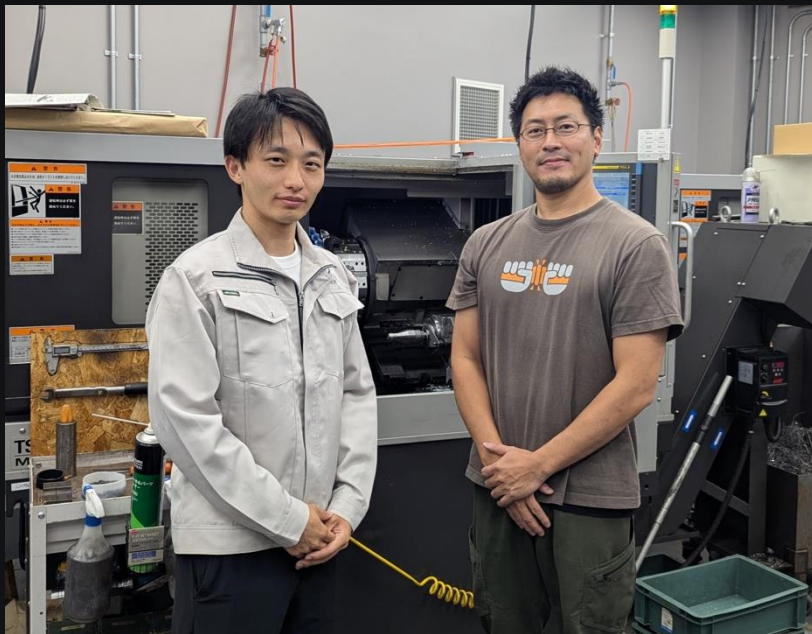
Select jobs and check machine status.
Receive alerts and recovery guidance.



Part registration
and operator
interface

Validation at Oya Seisakusho

Metal components manufacturer in Kawasaki, Japan



10+ part types

High-pressure hose fittings
with different diameters and lengths

60%+

less installation space

90%+

less setup effort
for new part types

2 additional units

Customer decided to introduce two more units
after validation on the actual machine.

Zrek-reported case results versus the conventional approach.
Results depend on the workpieces and system configuration.

Applications and collaboration

Joint development areas

Semiconductor equipment

Maintenance and handling tasks

Shipbuilding and heavy industry

3D perception and welding simulation

Inspection and production lines

Visual inspection, handling and packing

Ryoma Eguchi, COO

Ways to work with Zrek

Product deployment

Joint feasibility studies and system development

Integration, sales and service partnerships

contact@zrek.org