

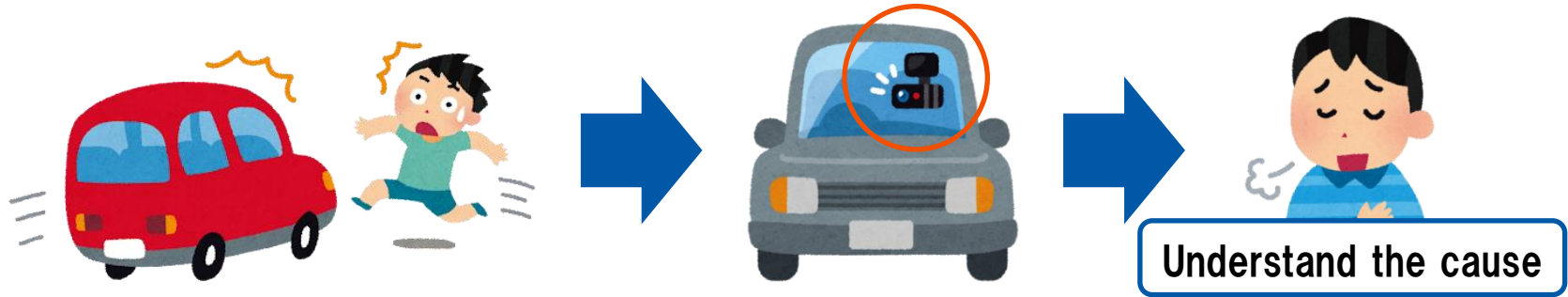


Daihen's DX

Accumulating AMR and Robot Data to Support Production Efficiency

Robot Recording System “Rob◎REC”

“Drive recorder” records when something happens to your car



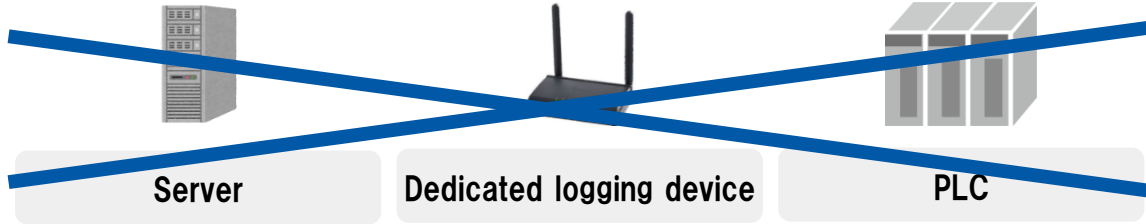
Record when something happens to a robot Rob◎REC



RobREC



No dedicated hardware is required for RobREC



Built into the robot control device. Available now.

- No need to worry about storage location or communication environment
- You can obtain the same detailed information as the control interval
- The cause can be investigated immediately after an event occurs
- Can be used as is without changing the program

RobREC mainly consists of 3 functions

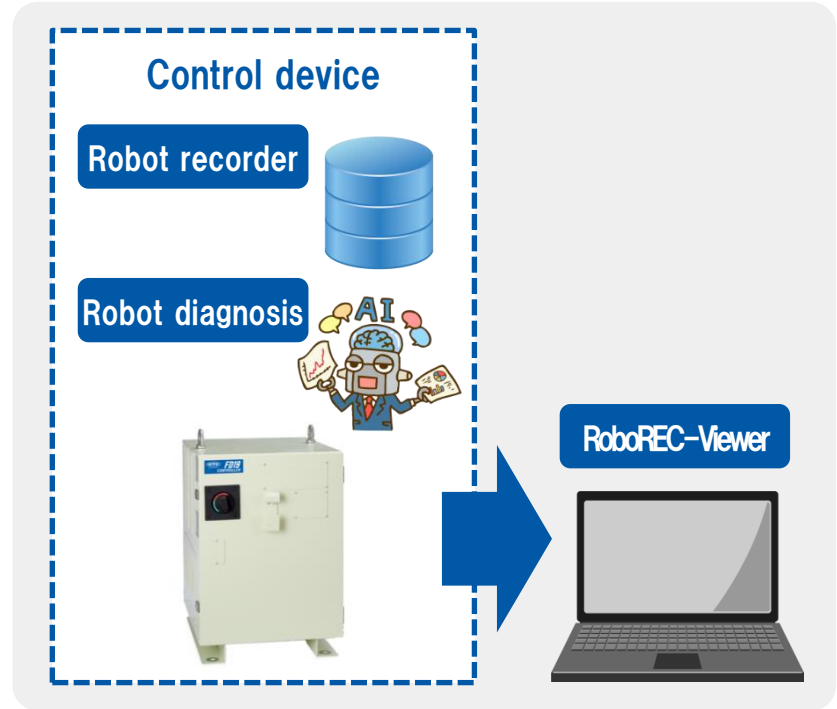
Robot recorder **record**

Robot diagnosis **analysis**

RoboREC-Viewer **display**



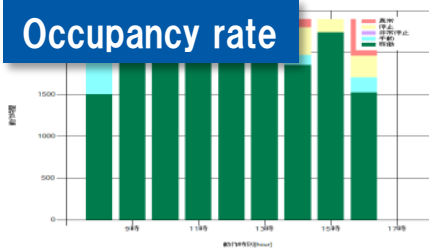
RobREC



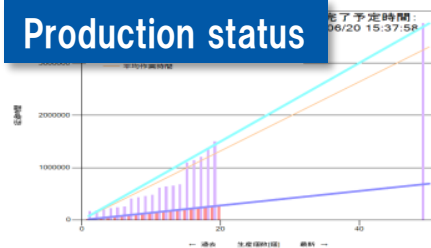
Data such as execution programs, construction results, signal input/output, control instructions, etc. are recorded in the same fine unit as the control interval



Occupancy rate



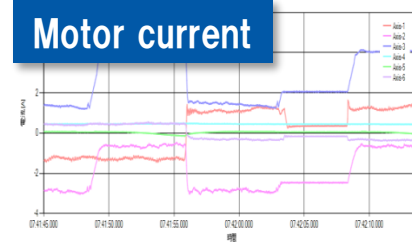
Production status



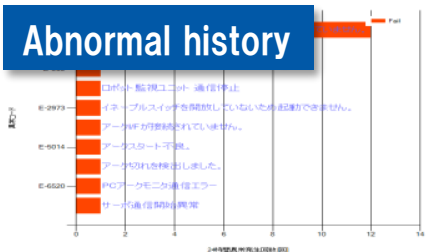
Signal history



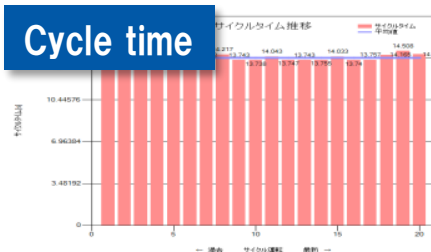
Motor current



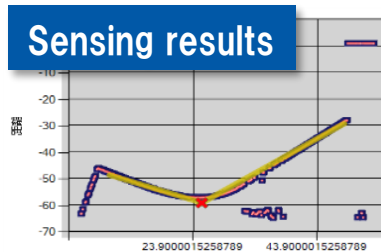
Abnormal history



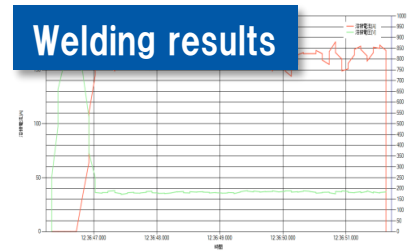
Cycle time



Sensing results



Welding results

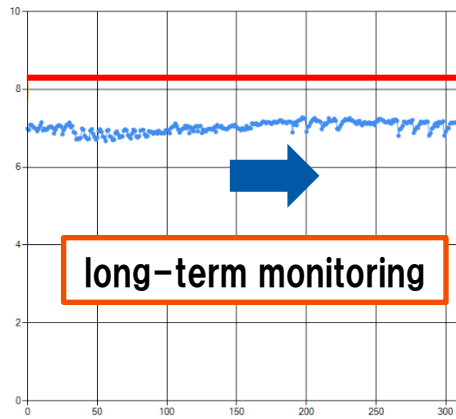


Analyze and diagnose welding equipment in addition to robots 20% reduction in contact tip cost



Robot

Notice of reducer maintenance period



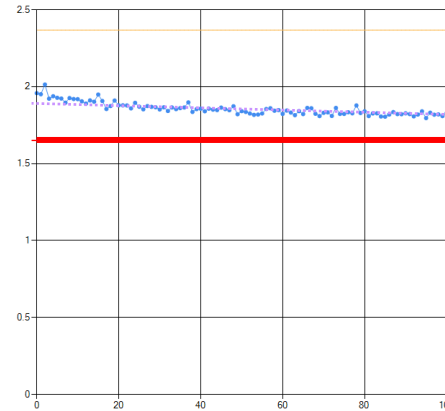
long-term monitoring



Reduced downtime

Welding equipment

Notice of waste-free tip replacement period



Exchange prediction

Running cost reduction



Rob◎REC records and analyzes production status, We support the stable operation of production equipment.

DAIHEN