

Improve your equipment's capacity utilization and reduce your recovery time with a Touchscreen Operator Interface Terminal

Do you have any onsite robot issues so far?

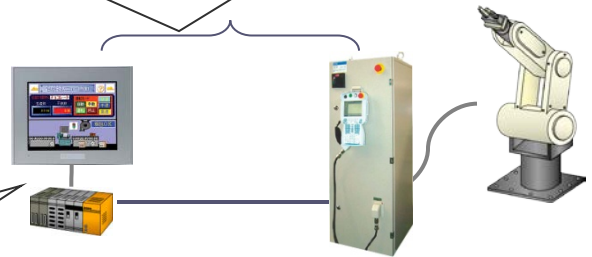
After an error happens, you cannot quickly confirm the robot status.



- 1) You are not trained to use the robot teach pendant.
- 2) The teach pendant is cumbersome for checking several statuses quickly.
- 3) You cannot easily check both PLC and robot controller at the same time.
- 4) The robot does not start operating even after problem is fixed.

Operator needs to confirm both PLC and robot status separately. The programming pendant reads robot status, and the HMI terminal reads PLC status.

The I/O information is not enough to confirm all status of the robot.



Pro-face provides the solution.

Quickly see the robot status with an Operator Interface Terminal



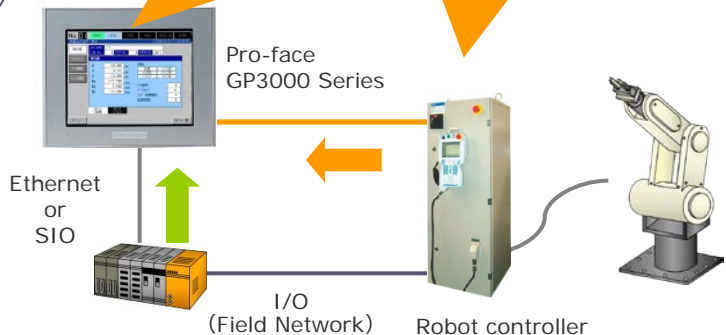
- 1) Check robot status without using a teach pendant (No need to get qualified person)
- 2) Follow a step-by-step recovery procedure displayed on a large HMI screen
- 3) Identify error causes faster and easier with HMI, accessing both PLC and Robot controller
- 4) Check robot state / condition on HMI before resuming the robot operation.

The detailed information of robot controller and PLC are displayed on same screen.

Ethernet connection between robots and operator interface terminals.



LT-3300 doesn't need PLCs.



Go to the back page for further information

# Yaskawa Robot HMI

## Integrated Monitoring



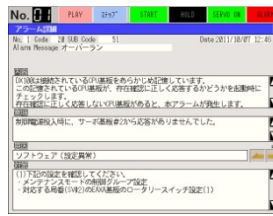
Monitor Robot and PLC status together on one HMI. With single-point access to all controllers, easier and faster to identify and fix.

## Robot Status



Teach pendant is not required. Everybody can see what happened. Do not need to be trained on teach pendant for access.

## Recovery Procedures



Recovery procedures can be displayed step-by-step on screen. Manuals are not required.\*

\* Requires a storage device

## Operating Conditions



You can check the robot operating conditions with a list. Mode, E-Stop, Starting Point, Preparing for Run.



Reduce the recovery time. Improve the capacity utilization of equipment.

Get details easily with direct connection between the robot and HMI. Pro-face HMI provides the following screens in a free application template project, which can be downloaded from the Pro-face website.

### Job Program Monitor

When an error occurs in the robot, you can quickly identify at what step the operation stopped.



### Alarm History

Displays the last 100 alarm events that have occurred on the robot.



### Robot I / O Monitor

Displays general I/O and dedicated I/O along with comments. You can quickly check the I/O status.



### Robot Status Monitor

Displays position data and torque values. This data can be recorded as a log.\*



\* Requires the configuration for it and a Storage device.

### Robot Status Monitor List

Displays the status of up to 8 robots connected to one HMI.



### Predictive Maintenance

Manages replacement time for grease and the battery on HMI.



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## Contact Us

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