

## <Application Example> TELLUS-HMI iPad 2D Code Reading Function

### Advantages of using the 2D code reading function of TELLUS-HMI iPad

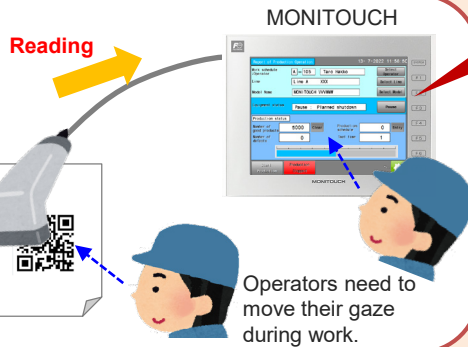
- Cost reduction can be realized by using the iPad camera to read 2D codes on the TELLUS-HMI, eliminating the need for a separate code reader.
- TELLUS-HMI iPad can function as an operation panel to control/operate equipment, while also functioning as a code reader. In addition, data can be uploaded to a host PC through a wireless network.



### Proposal for improving setup work -Check instructions at your hands to prevent careless mistakes-

#### Before

A code reader connected to MONITOUCH is used to scan a 2D code on the instruction sheet. The operator looks at the MONITOUCH screen to check the displayed content and then works according to that information. A little unnecessary movement occurs, such as moving the eyes to where MONITOUCH is installed.



**Problem**

It may not be much, but eye movement resulted in wasted motion.

Operators need to move their gaze during work.

#### After

By replacing the MONITOUCH with TELLUS-HMI iPad, 2D codes can be directly scanned using the camera instead of a code reader. This reduces the connection devices, and since work details can be checked at your hands, movements of your gaze can be minimized, thereby contributing to improved work efficiency.



Your gaze can be fixed on the iPad both when using it as an operation panel and when scanning the instruction sheet.

#### There's no need for a code reader!

It's convenient because you can check work details and also acquire instructions using the camera at your hands.

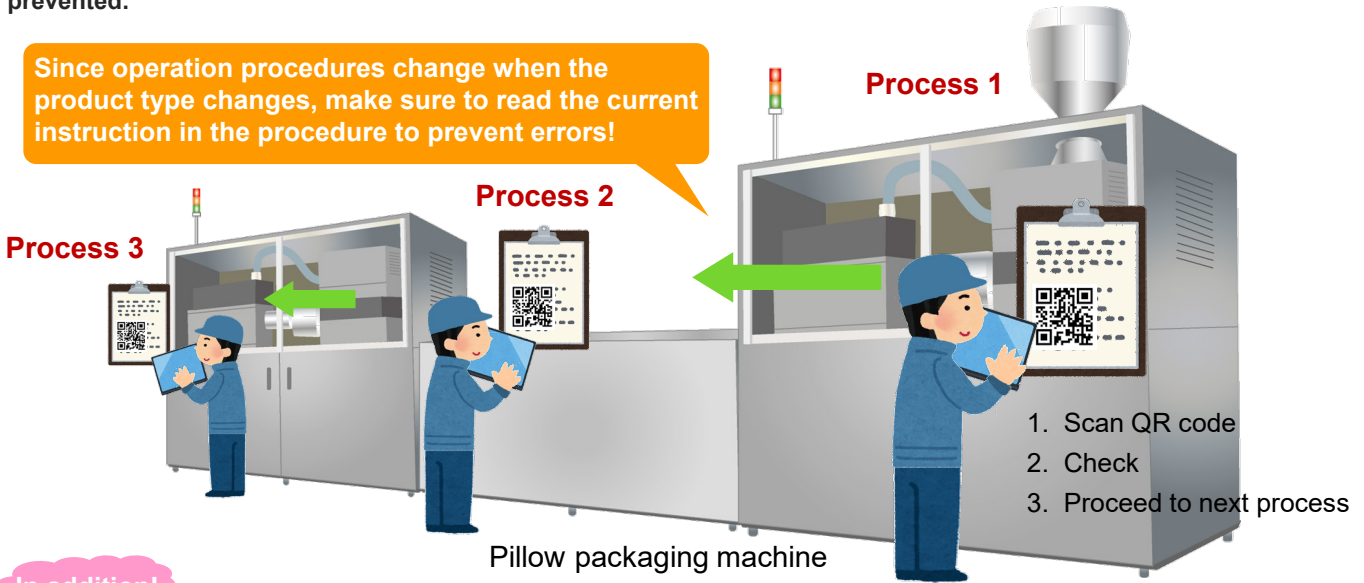


Improving work process control

-Prevent careless mistakes by checking procedures at each process-

Checking for omissions in the work can be done easily by reading the instruction sheet for each process using the operation tablet (TELLUS-HMI iPad) in your hands. By programming the system to proceed to the next work by checking the read instructions with the check results at the end of work, instructional errors and omissions can be prevented.

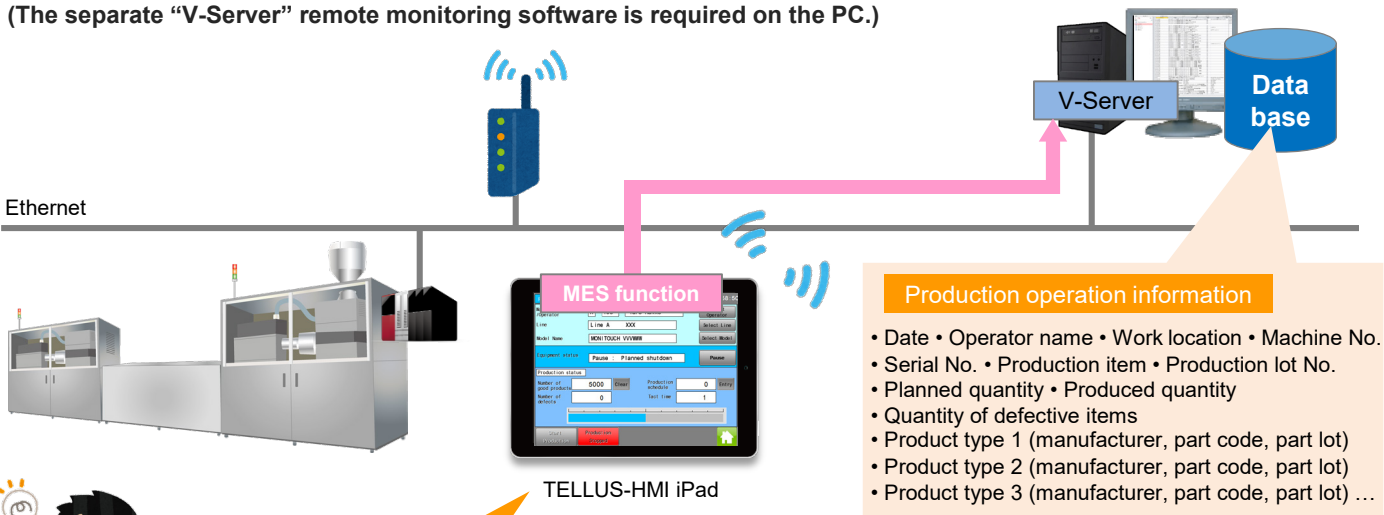
Since operation procedures change when the product type changes, make sure to read the current instruction in the procedure to prevent errors!



In addition!

Proposal for improving production management system -MES function using V-Server-

Likewise MONITOUCH, work details and various production information can be directly saved to a database on a host PC from the TELLUS-HMI iPad at the production site. There is no need for extra equipment for saving data to a database, and this means the workload required for system construction can be reduced. (The separate "V-Server" remote monitoring software is required on the PC.)



Traceability can be achieved easily!

There is no need to develop a complicated system architecture. By using TELLUS and V-Server, data can be transferred to a database easily.

