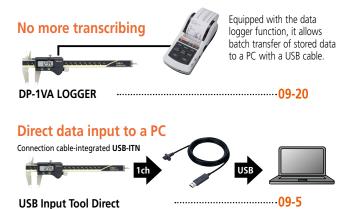
## **Example of Measurement Data Management System Design**

A system for recording and analyzing measurement results from various Mitutoyo measuring instruments for quality assurance purposes.

### **Recording measurement results**

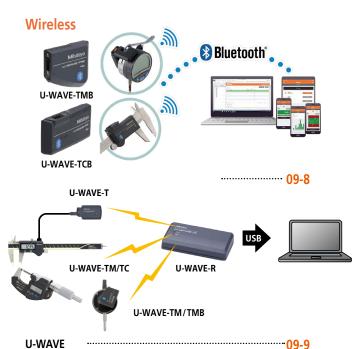




Connect to a RS-232C interface PC with 4 channels and a sequencer



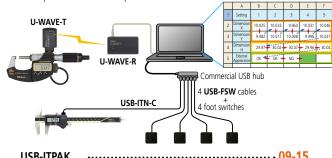
Multiplexer MUX-10F -----09-2

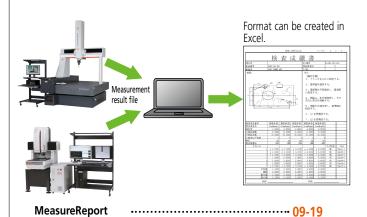


## Software dedicated to inspection and quality control

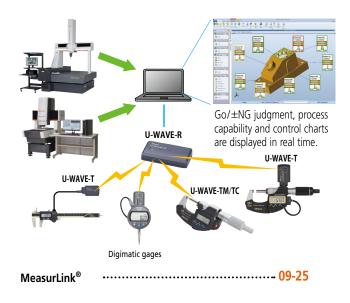
#### Inspection certificate creation

Measurement data from calipers and micrometers are imported into an Excel spreadsheet.





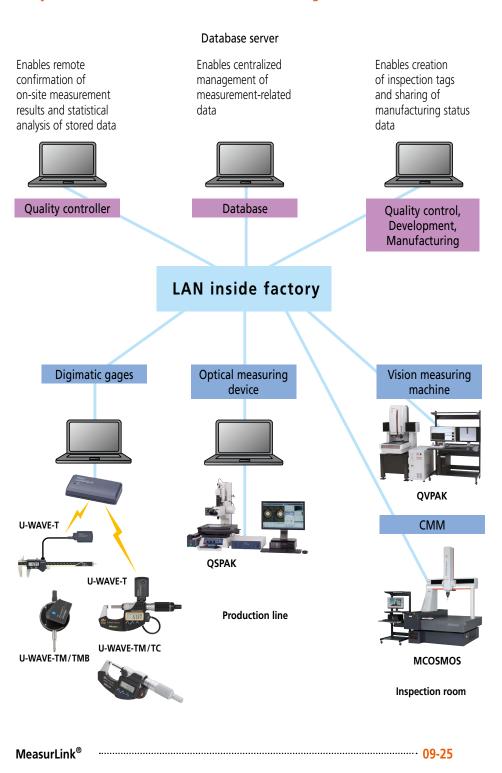
#### **Statistical Process Control**





### Network the quality control information of whole the factory

#### Unify and control the measurement results through the network



# Other peripheral devices and software

#### **Condition Monitor**

Conduct preventive maintenance through CMM status monitoring



#### **Status Monitor**

Can remotely monitor measuring machines

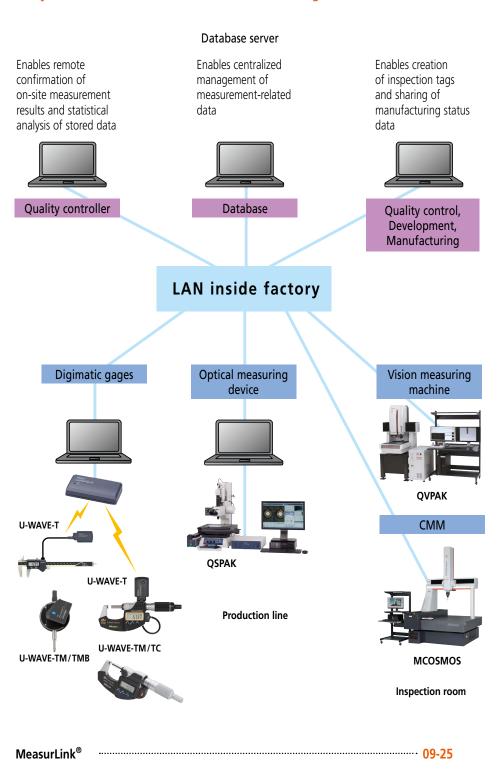


Note: For details on the above, contact your local Mitutoyo sales office.



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