

Measurement Data Management


Convenient data collection tool and quality control software

Measurement Data Network System MeasurLink


- **MeasurLink** is a data management modular software system that enables collecting data from a wide range of Mitutoyo measuring tools and systems including Coordinate Measuring Machines.

Measurement data storage can be centralized by implementing a network system using a company LAN. Quality information such as checking, monitoring, analysis of the measurement results and creating inspection reports can be shared among separate offices to maximize efficiency.

Is the inspection record data utilized to solve quality-related problems?




Measurement results printed out in the inspection room



Measurement results manually entered in a check sheet on the machining line


Hard to identify problems with only numerical data



Current problem

- Data scattered in various locations in the plant
- Numerical data not effectively utilized
- Lack of knowledge about statistical calculations
- Management using spreadsheet software
- Problems need to be tackled by the on-site person in charge

Hard to respond quickly since it takes time to enter and analyze data. Unsure about reliability of analysis.



Isn't there any quicker, simpler and more reliable management method?

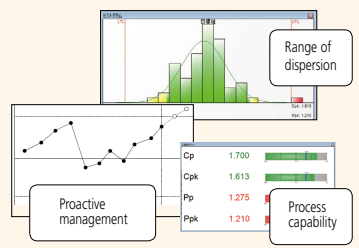
SPC management can be easily done by combining Mitutoyo measuring instruments and MeasurLink!!

Vision Measuring System

Form Measuring System

Measuring Microscopes

The SPC management can be done with MeasurLink with a surprisingly simple procedure



MeasurLink Real-Time

Coordinate Measuring Machine

Digimatic gages

MeasurLink is an IoT platform for quality management that realizes "Visualization of quality"!!

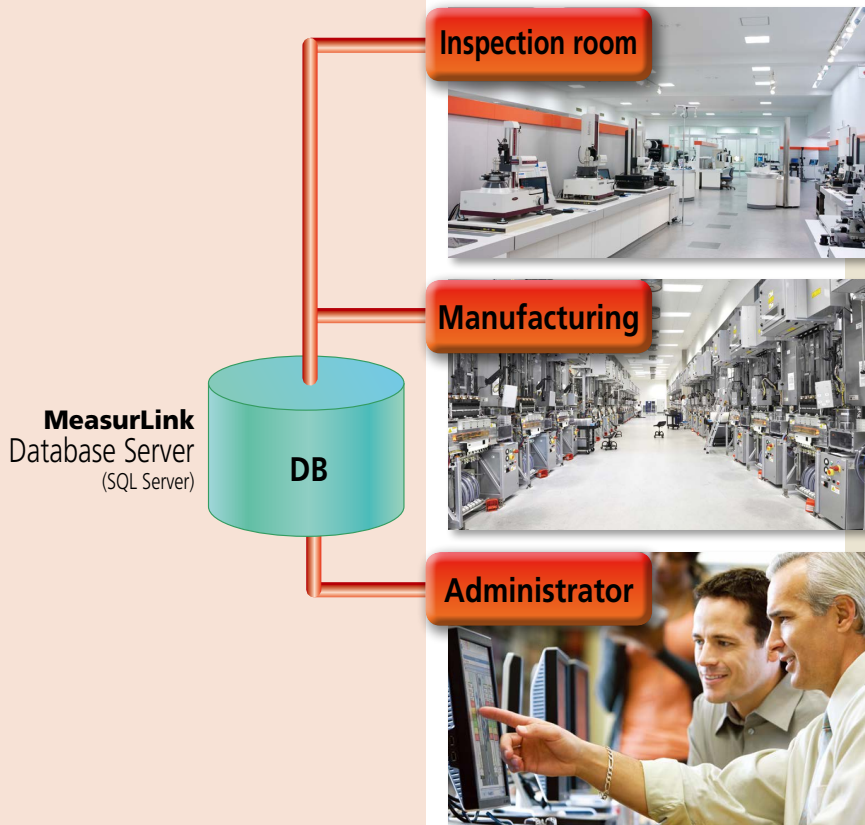
MiCAT
Mitutoyo Intelligent Computer Aided Technology
the standard in world
metrology software
MeasurLink



Refer to the **MeasurLink Brochure (E12028)** for more details.

• **Centralized monitoring from all MeasurLink data collection terminals networked together on the shop floor**

Enables easy networking through the Database Server (SQL Server). Comprising the following software packages as described below, data collection in the inspection room or on the shop floor and process management/analysis can be carried out depending on the application.



Data collection / Analysis module
MeasurLink Real-Time

(Refer to A-7 for details.)

This SPC software allows data collection from each tool and instrument and still allows real-time display of statistical processing data such as control charts, histograms and process capability indexes.

Automatic reporting program
MeasurLink Report Scheduler

(Refer to page A-8 for details.)

This program automatically outputs reports created by **Real-Time** or **ProcessAnalyzer** in the preset schedule.

Process Management for Administrators
MeasurLink Process Manager

(Refer to A-10 for details.)

This administrative software enables centralized monitoring of information from all **MeasurLink** data collection terminals networked together on the shop floor.

Process Analysis module for Administrators
MeasurLink Process Analyzer

(Refer to A-9 for details.)

This administrative software allows confirmation of measurement results and various statistical analyses by access to the database where the measurement data collected with **MeasurLink Real-Time** is stored.

Evaluation / Analysis Software for Measurement System Analysis (MSA)
MeasurLink Gage R&R

(Refer to A-11 for details.)

This is evaluation and analysis software compliant with MSA required in IATF 16949.

Gage Management Software
MeasurLink Gage Management

(Refer to A-11 for details.)

This software plans and implements a complete calibration schedule and incorporates a powerful retrieval function in addition to recording and managing the operational state of gages.