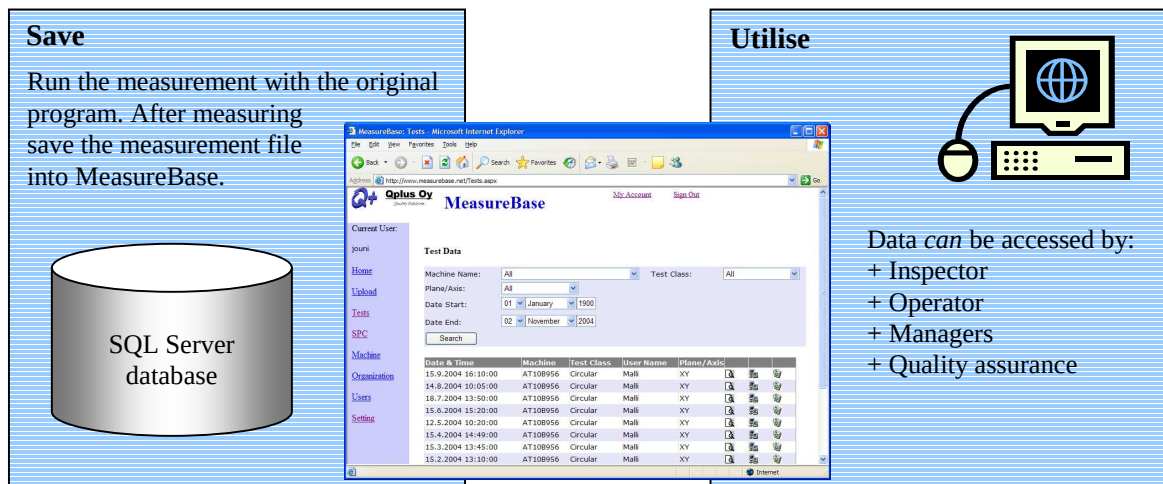


MeasureBase

Machine Tool Measurement Archive

Store, manage, compare and follow your machine tool measurements with MeasureBase. You can analyse an individual measurement, compare two separate measurements or follow long-term trend with MeasureBase. This program is web-based and so you can use it practically anywhere.



Provide measurement follow-up for your customers

All measurements that you have made for your customer during years will be accessible through MeasureBase. Customer can view individual measurements, compare measurements to each other and observe possible trends in key figures. Only you as an administrator have access rights to save, edit and delete measurements. Your customer can view and compare measurement data.

Manage quality capability of your workshop

Store measurements of your machine tools in MeasureBase. You can save measurements there despite who originally made them – you can even have an inspector to make it himself via web. You can view, follow and compare measurement results of both laser-interferometer and double ball bar (DBB) measurements.

Steps to use MeasureBase

Do the actual measurement and its analysis using the original measurement program of your measuring device. After the measurement is accomplished you can upload the measurement file into MeasureBase. When the file is uploaded, you can view either this individual measurement or compare it to earlier measurements. Inspector (or 'administrator' of the company) can create new user accounts for other people and thus allow them to view measurements results via web.



Functions

- Login with a user name
 - View measurements of only your own company
 - User name sets access level: view only or add & edit & modify
- Save measurement files
 - Different measurement devices supported, always only one file to upload
 - Possibility to store measurement reports and photos
 - Preview to view and modify header info of measurements
- Manage measurements
 - Search measurements
 - Delete measurements
 - Download original measurement file to your computer
- View individual measurement
 - Header information
 - Key figures in numbers
 - Graphical chart
 - Paper printout
 - Compliant with ISO 230-2 and ISO 230-4
- Compare measurements
 - Compare two measurements to each other
 - Key figures in numbers
 - Graphical chart
- Follow measurement with SPC
 - Compare key figures of measurements
 - Key figures in a table that can be downloaded in Excel-format
 - Graphical chart
 - Capability indices
- Management
 - Add, delete and edit machine tools
 - Add, delete and edit users
 - Add, delete and edit companies
- Settings
 - Change language of user interface: English, Finnish, Chinese ...
 - Display units: metric or inch

Supported devices

- Agilent 5528 and 5529 laser-interferometer
- Renishaw QC10
- Heidenhain DBB110
- Heidenhain VM182
- Cullam PolarGauge
- [other devices can be supported upon request]

Software technology

- ASP.NET based
- Microsoft IIS - web server
- SQL Server - database
- Can be used with any web-browser
(works best with Internet Explorer 6.0, Mozilla Firefox 1.0, Opera 7.5 and Netscape Navigator 7)

Installation

MeasureBase can be installed either on your own server or you can rent MeasureBase from the server of Qplus. If MeasureBase is installed on your server, it can offer services either inside your company (intranet) or in internet depending on web-server settings.

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