DMAPS – Digital Management, analysis, production control and storage of protocols
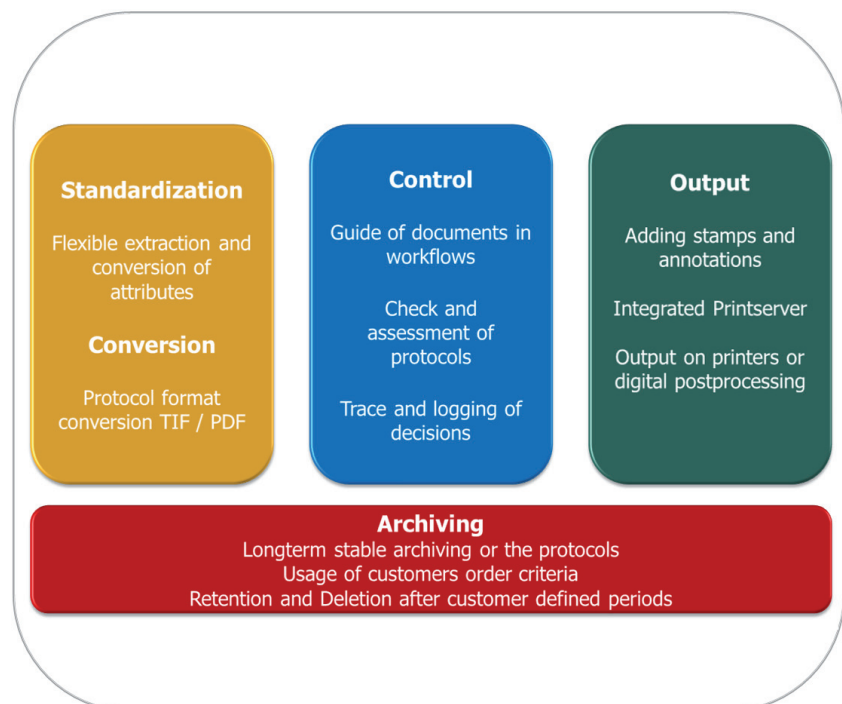
The digital evaluation and management system nc.dmaps of the company Networking Concepts for Protocols of the Klingelnberg measuring machines provides effective processing and evaluation as well as space saving storage of all of the accumulating measuring reports of the manufacturer. The solid base is formed by the digital documents and workflow management system d.3 of the d.velop AG, which was optimized by special adjustments to meet the requirements and procedures in the industrial metrology.

The functions which are contained in the base system allow comprehensive research, analysis and visualization of the protocols, of course, within an effective authorization system.

Further, it provides a secure storage and automatic destruction of the protocols after expiration of their retention period. The extensions by nc.dmaps include all steps of the measurement process.

Step 1: Standardization and transfer
All measuring machines deliver their records and Metadata to nc.dmaps. Different sets of attributes of the connected measuring machines are standardized and transferred by the company's predefined order criteria. In case it is necessary a conversion of the protocol will be carried out into

a long-time stable format (PDF/TIFF). The pre-processing is being monitored, so that no record is lost.

Step 2: Storage of protocols
After standardization the automatic transfer of the protocol into the system takes place.

Step 3: Control of the protocols
After storage, the protocol will be automatically transferred to the in nc.dmaps linked workflows. These processes can be designed freely and can be especially adapted to your requirements. In the base version of "nc.dmaps" a "Standard workflow" is already included with which you can execute the basic features of a protocol control.

Depending on requirements the process can include several consecutive instances as well as manual and automated test stages.

All decisions taken in the workflow will be automatically logged and inseparably added to the protocol which makes them thus throughout the life of the document traceable.

Standardization

Flexible extraction and conversion of attributes

Conversion

Protocol format conversion TIF / PDF

Control

Guide of documents in workflows

Check and assessment of protocols

Trace and logging of decisions

Output

Adding stamps and annotations

Integrated Printserver

Output on printers or digital postprocessing

Archiving
Longterm stable archiving or the protocols
Usage of customers order criteria
Retention and Deletion after customer defined periods

networking concepts

d.velop

Step 4: Results

Once the evaluation is completed successfully the result can be attributed by different ways to the "client". A possibility is the known process in paper form. The protocol will be given out with the exam result applied stamps and annotations of the examiner automatically on the linked printers and can than be used for the control of the production.

The paperless way is also provided - the protocol including evaluation is sent within the system or per email to those responsible in the production.
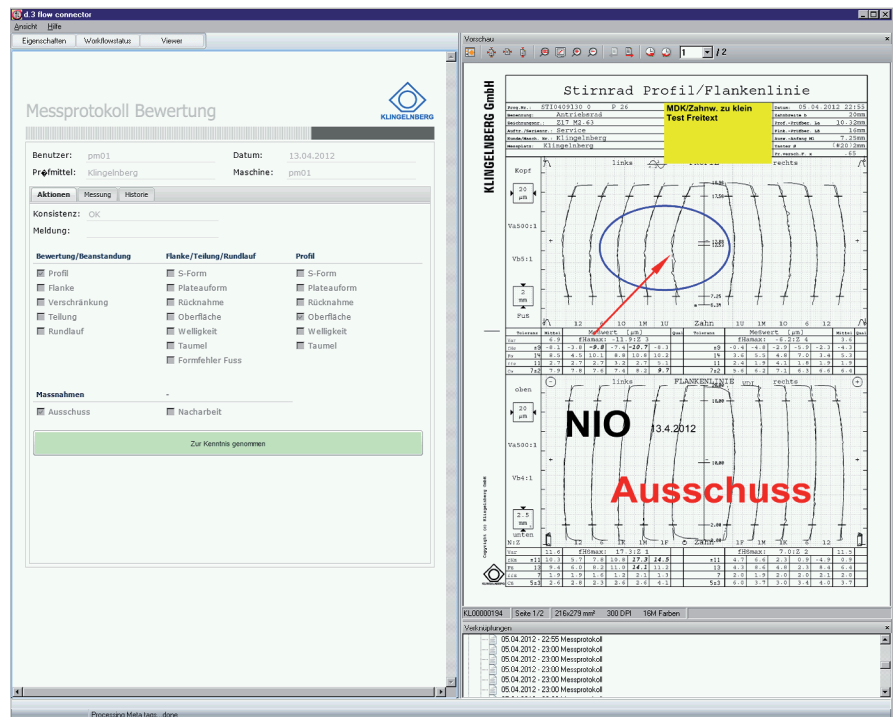
What else is possible?

When expanding to other document types (e.g. maintenance protocols, technical documents relating to measuring and production machines, documents relating to the measurements behind the standing orders) no limits are set to your fantasy. The system is based on pure Internet technology; your entire company can then use the obtained and updated information.

Description Basis package

The basic package includes all modules and programs that you need for the implementation of a standard evaluation as well as the archiving of protocols; the licensing is "concurrent".

The package nc.dmaps-basis5 includes (measurement protocol processing for 5 users):

· 5 d.3 licenses including the module "Workflow"
· Workflow "Measurement protocol evaluation standard".
· Print management system for printing and stamping of the protocol
· Service package for the installation and commissioning of the system

Not included

· Hardware
· Operating System Licences
· SQL-Server (MS SQL or Oracle)
· Project packages

Upon consultation and clarification of the specific requirements we will gladly put together a respective offer. Do not hesitate to contact us! We are looking forward to welcoming you!

networking concepts GmbH
Leuschnerstraße 10
34134 Kassel

Fon +49 561 988 487 0
Fax +49 561 988 487 10

www.networking-concepts.de
office@networking-concepts.de