

# NDT digitalization made easy

Materials testing, inspection and maintenance is becoming digital – and thus faster, more secure and independent. Changing from analog to digital work processes is extremely easy and can be done without modifications in the current IT infrastructure. That is, of course, if the right software is used. The digitalization requirements and the software vary from industry to industry.

## In mechanical engineering these software properties are essential:

- Integration in administrative and test management systems (e. g. SAP, RBI, AIM, Excel, etc.)
- Storage of all NDT-relevant data within one system
- Structured filing of NDT data within one system
- Storage in worldwide recognized DICOM format
- Audit-proof long-term archiving

## 10 reasons for working with DIMATE

### DIMATE PACS

(Picture Archiving & Communication System)

- 1 Digital integration of test devices and inspection workstations in the test process
- 2 Digital support of the analysis of NDT data such as radiographic and ultrasound tests
- 3 Digital order management and exchange of NDT data with all service providers; concurrent data availability for all parties involved
- 4 Concurrent display of test images and reports on one workstation
- 5 Digital signature process for test reports and documents

### DIMATE CCM

(Component Content Management)

- 6 Compilation of a digital life-time documentation (e.g. by industrial boiler file)
- 7 Integration of all test, process and documentation data for a component, including orders, documents, videos, certificates from different IT systems (plus third party systems)
- 8 Quick retrieval of test-relevant data ("only one mouse click")
- 9 Standardized and structured data pool as basis for machine learning and artificial intelligence applications
- 10 100% DICOM-compliant

Up to  
**70%**  
time  
savings!\*

\* According to process analyses of DIMATE customers