

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 the aviation industry these software properties are essential:

- NADCAP-compliant archiving of all test data in DICONDE format
- Evaluation and management of all test data within one system
- Secure data exchange with suppliers, service providers, manufacturers or authorities
- Integration of additional documents (certificates, handbooks, drawings, etc.) in a digital life-time documentation
- Standardized and structured data pool as basis for machine learning and artificial intelligence applications

10 reasons for working with DIMATE

DIMATE PACS

(Picture Archiving & Communication System)

- 1 Digital intake of test orders from ERP, LIMS, Excel, etc. and forwarding of orders to the test service providers and the test devices
- 2 Vendor-neutral and NADCAP-compliant saving and archiving of all test data
- 3 Analysis of all digital test images and signals, e.g. radiographic, ultrasound and visual tests
- 4 Concurrent display of test images and reports on one workstation
- 5 Digital distribution of data with access rights

DIMATE CCM

(Component Content Management)

- 6 Compilation of a digital life-time documentation of aircraft components
- 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 Conversion of all data into the vendor-neutral format DICONDE (ASTM E2339)
- 9 Organization of the data according to a pre-defined file and folder structure
- 10 Simple file management and integration into the existing IT structure (ERP, LIMS, AIM, Excel, etc.)

Up to
70%
time
savings!*

* According to
process analyses of
DIMATE customers