AUTOMOTIVE

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 automotive industry, these software properties are essential:

- Digital storage of all NDT data (RT, UT, ET, PT, etc.) in one system
- Digital analysis of NDT tests, e.g. from radiographic and ultrasound tests
- Digitalization of test processes and test procedures
- 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 1 Digital analysis of test images and signals (RT, UT, VT, PT, MT)

2 Audit-proof archiving and data security compliant with IATF 16949

3 Digital connection to the customer and test service provider

4 Transfer of digital and standardized test data and reports

5 5 Integration of automated defect recognition (ADR) systems

DIMATE CCM
(Component Content Management)

6 Compilation of a digital life-time documentation for components and vehicles

7 Integration of all test, process and documentation data for a component, including drawings, orders, certificates, manuals, etc. from different IT systems (plus third party systems)

8 Integration in administrative and test management systems (e. g. ERP, LIMS, QMS, etc.)

9 Standardized and structured data pool as basis for artificial intelligence applications

10 100% DICONDE-compliant

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

* According to process analyses of DIMATE customers

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