

SMART X-RAY IMAGE ARCHIVING

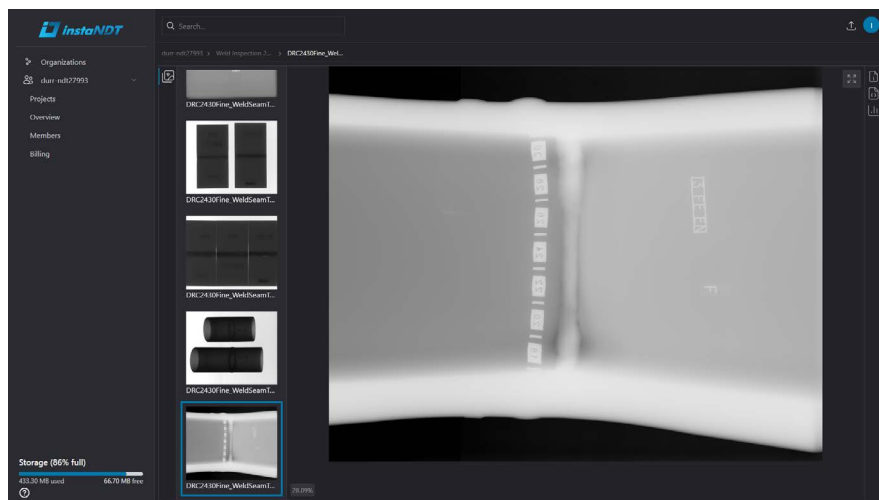
*insta*NDT

PICTURE ARCHIVING AND COMMUNICATION SYSTEM



EFFICIENT NDT DATA MANAGEMENT

SHARE AND ARCHIVE YOUR X-RAY IMAGES EASILY AND SECURELY



instaNDT is a powerful PACS solution from DÜRR NDT, fully integrated into D-Tect X and easy to use, it increases efficiency and offers maximum security for your image data.

What is a PACS?

A Picture Archiving and Communication System (PACS) is used to store and manage digital image data. The system consists of a storage space, such as a server or a cloud, and software for data management. The PACS can then be connected to image acquisition software, for example, so that new X-ray images are stored directly in the PACS. The data in the PACS can then be accessed by all networked systems and end devices. All image data is saved in the standardized DICOM format.

Why instaNDT?

instaNDT is a smart and lean PACS solution with maximum flexibility. Thanks to its intuitive user interface, it is easy to learn and use. Effortless image sharing with other users with individually configurable user rights per organization. Seamless integration into our imaging software D-Tect X guarantees a smooth and efficient workflow. Of course, instaNDT can also be used with any other software that is DICOMweb™ compatible.

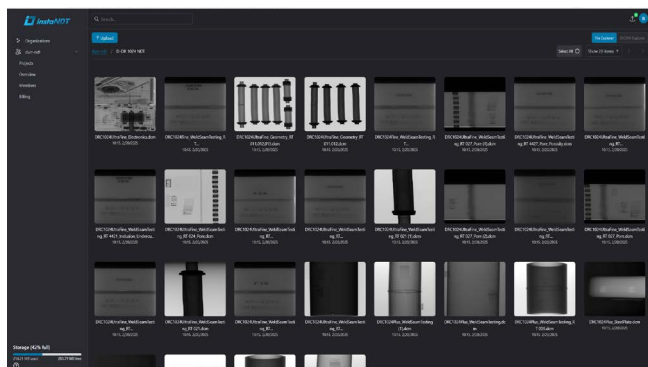
Key functions

- Seamless integration with D-Tect X
- DICOMweb™ compliant
- API for custom integration with your existing software solutions
- Image versioning
- User management and role-based access control with granular permissions
- Web-based UI for viewing images and DICOM properties
- Data sharing with other parties outside instaNDT
- Single sign-on (SSO)

Deployment options

There are three options to run instaNDT:

- **SaaS:** The software operates in an ISO-certified computer center and so there is no need to worry about server setup, availability, security or backups.
- **On-premise:** Run the software on private hardware with Docker based installation.
- **Self-managed:** Run the software on a private cloud, with flexible cloud provider options.



File explorer

View and organize your data just as if it was on your own PC. Various organizations can be added, each with multiple projects and subfolders.

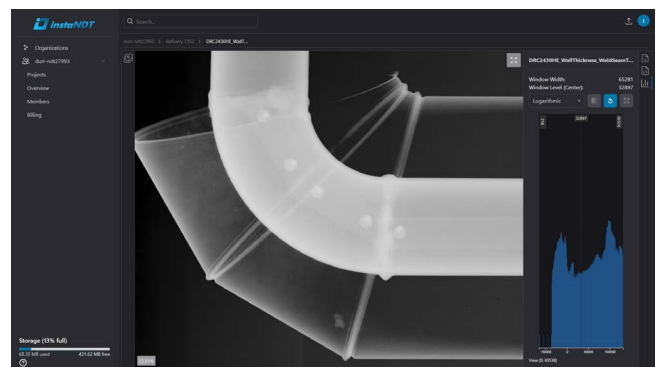


Image viewer

Images can be viewed anywhere via a web browser. The view can be adjusted using the histogram tool, also the image metadata can be displayed.

DICONDE compliant according to ASTM E2339-21

DICONDE (Digital Imaging and Communication for Non-Destructive Evaluation) is a standardized file format for displaying, transmitting, and storing digitally generated image data and information in non-destructive testing. DICONDE enables a software- and system-independent exchange of data as well as the display of images between different compliant systems.

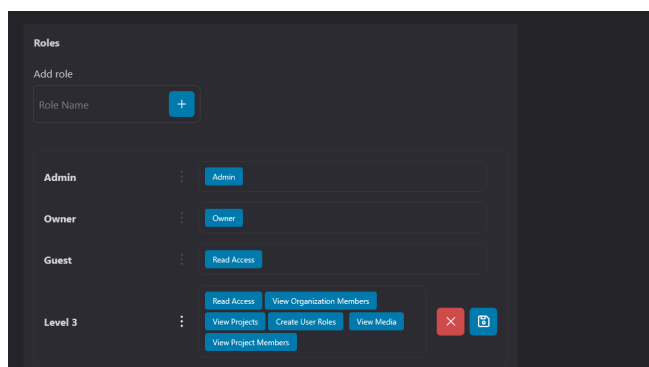
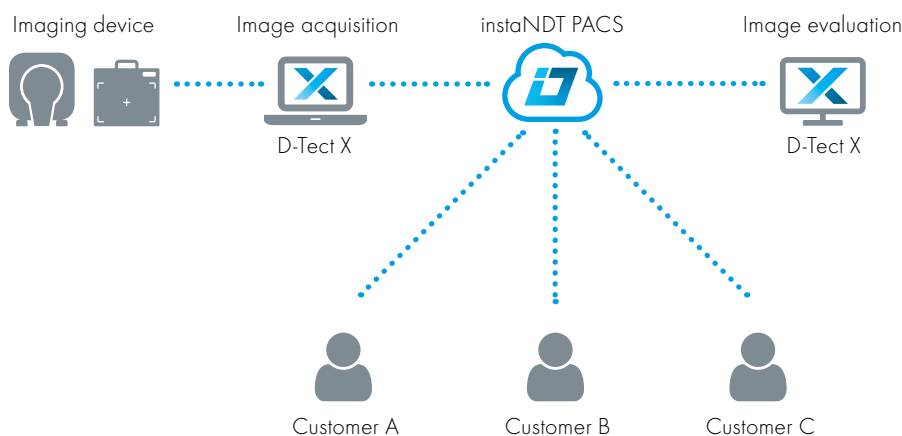
Universal data storage

In addition to storing DICONDE data from RT, UT, ET, MT, and VT inspections, any other file type such as documents and photos can also be stored and shared.

Supported DICOMweb™ services

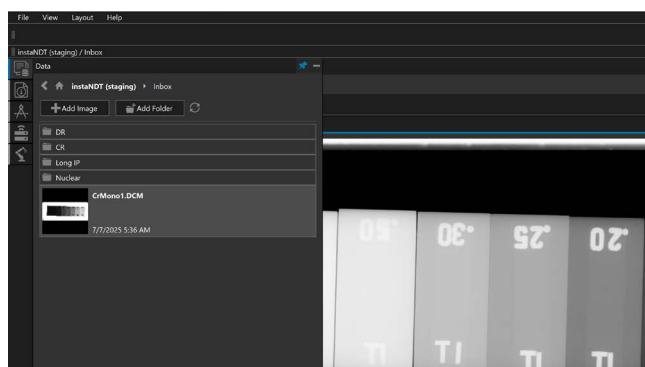
- **Query:** Search for DICOM objects (QIDO-RS)
- **Retrieve:** Retrieve DICOM objects (WADO-RS) or single DICOM instances (WADO-URI)
- **Store:** Store DICOM objects (STOW-RS)

Example workflow



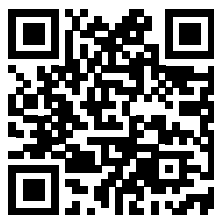
User management

Easily control exactly who can access your data, including fine-grained user permissions. For each organization, individual roles can be defined and any number of instaNDT users can be added.



D-Tect X integration

Acquired X-ray images can be saved directly in instaNDT. All images saved in instaNDT can also be browsed and opened directly in D-Tect X.



*Start your free demo
of instaNDT now!*

<https://www.instandt.com/sign-up>