

# RTI SOFTWARE

The ultimate application for RT image acquisition, analysis, and reporting

Cross-platform solution to solve nowadays problems within the NDT World

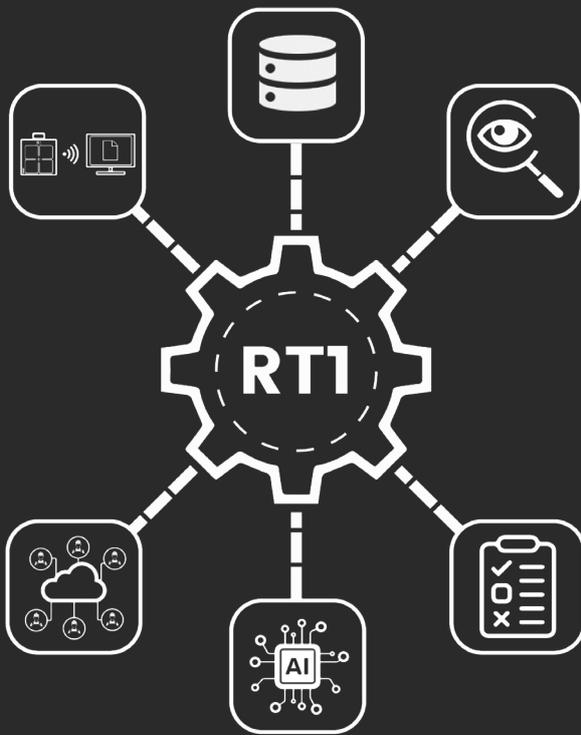


**ADR** | AUTOMATIC DEFECT RECOGNITION  
BASED ON ARTIFICIAL INTELLIGENCE

# RT1 SOFTWARE

## ■ HIGHLIGHTS

- DICONDE compliant
- Committed to industrial standards (ISO, ASTM, EN, ASME, JIP and KATS)
- Achieve the highest productivity: intuitive workflow and user-friendly interface.
- Cutting edge image processing algorithms – never again miss a flaw
- Automatic Defect Recognition (ADR) features based on Artificial Intelligence
- Totally customizable database architecture
- Report System linked to the RT images



### ■ FLEXIBILITY

Based on Java technology, PACSESS RT1 provides an elegant and efficient image acquiring, processing, and archiving solution. RT1 brings image quality validation tools and application guidance to your fingertips. The modular concept of the software makes it appropriate for both entry-level and highly skilled operators, and both simpler and more complex installation setups.

### ■ REALIABILITY

Designed for high output image analysis and outlook, the software has been outfitted specifically for industrial applications and complies with DICONDE standards. The software layout and customisable controls can be configured for any type of users, from first-level inspectors to asset owners.

### ■ WORKFLOW OPTIMIZATION

Its data management and sharing capabilities simplify to the max the retrieval of past inspection records, enhances productivity, and makes information available to inspectors or asset owners anytime and from anywhere.

# MODULES AVAILABLE TO CONFIGURE RTI TO YOUR EXACT REQUIREMENTS!

Always in perfect sync thanks to our PACSESS Portal, we can configure our software to your exact needs:



## Image Acquisition

- Intuitive UI valid for FD, CT and DR
- Basic set of imaging tools included
- Rapidly check image quality before archiving/exporting



## Database Explorer

- Based on DICONDE standards and requirements
- Hierarchical DB architecture
- Totally customizable
- Include attachments of any kind to your studies



## Image Analysis

- Including an extensive toolset of cutting-edge image processing tools
- Adapted to any type of user
- Easily save annotation and measurements
- Never again miss a flaw in your NDT Inspections jobs



## Automatic Defect Recognition

- Based on the most advanced deep machine learning solutions
- Verify thousands of images within seconds
- Boost productivity and security
- >99% proven accuracy



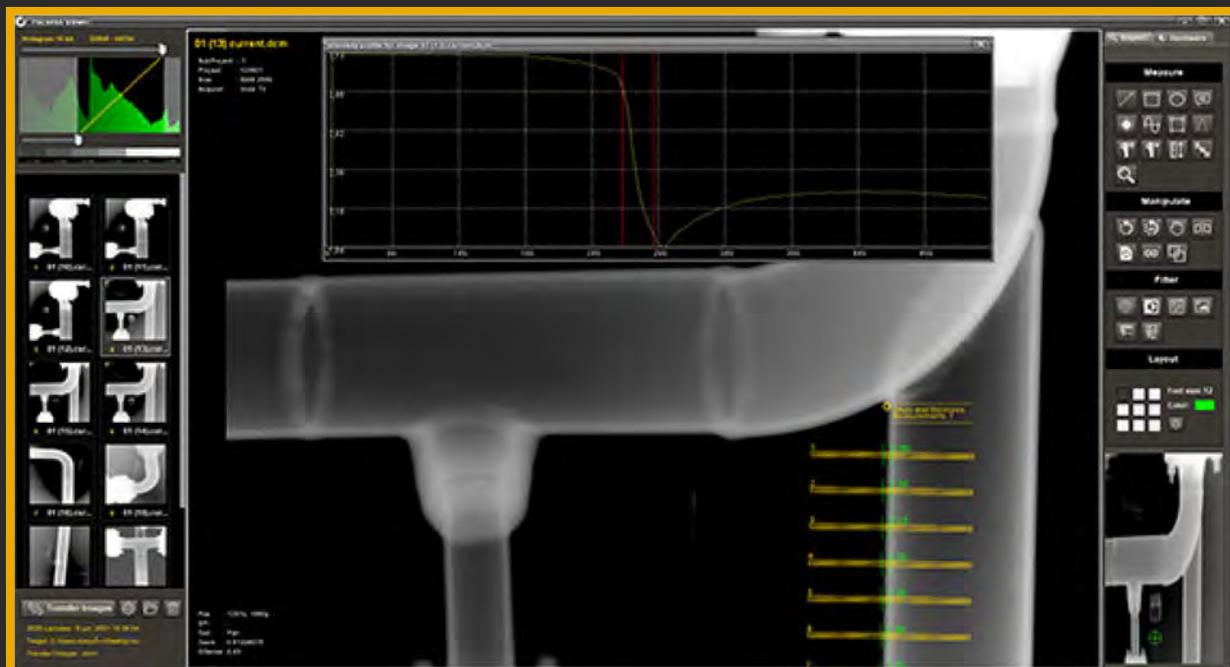
## Report System

- Totally customizable to your workflow requirements
- Multi-user and roles management
- Electronical signature feature
- The perfect complement to a professional inspection job



## Cloud Service

- Easily share data with other inspectors and asset owners
- Stop sharing critical information in unsecure fashion
- Easily assign right & roles to different type of users
- Public / Private cloud setups available



# WORKSTATIONS

We outfit our workstation with high-resolution radiographic monitor. They deliver the most consistent image quality one can wish for. Benefit from special features such as Backlight Stabilization Control (BSC), which is constantly monitoring your system, making sure your display will always provide a superior viewing experience. The versatile stand allows the monitor screen to be easily adjusted between portrait and landscape positions, and also provides height, tilt and swivel adjustments.

## ■ CONFIGUARTION LITE



## ■ CONFIGUARTION PRO



Model	Orientation	Color depth	Resolution	Brightness	Contrast Ratio	Size
Lite Full HD	Landscape	Color	1920x1080	300 cd/m <sup>2</sup>	1000:01	23.8"
Pro 2Mpx	Potrait-Landscape	Monochrome	1200x1600	1900 cd/m <sup>2</sup>	1800:01	21.3"
Pro 3Mpx	Potrait-Landscape	Monochrome	1536x2048	2000 cd/m <sup>2</sup>	1500:01	21.3"
Pro 6Mpx	Landscape	Color	3280x2048	1300 cd/m <sup>2</sup>	2000:01	30"

# DATA STORAGE



At PACSESS, we are aware about how critical NDT information is. Thus, our solution for data storage is compliant with the highest standards of the market. From small local data centers to high-end NAS/SAN hardware servers. RTI database is flexible enough to be installed where your requirements dictates. It is developed to be embraced by your existing IT environment, reducing file handling times to the minimum and hence, boosting the productivity of the department enormously.

In addition, RTI database can work on both public or private server configurations, opening a wide range of extra functionalities such as online back-up or instant sharing capabilities to other NDT experts or asset owners.

RTI enables you to seamlessly communicate with local databases and cloud storages alike. Easily import/export studies from/to any type of external storage device under DICONDE protocol.