

ACUSCREEN NDT 2021

PRODUCTS OF A NEW AGE

Presentation Plan

- **Introduction**
 - What is AcuScreenNDT Pro?
 - Why AcuScreenNDT Cloud?
- **AcuScreenNDT Pro**
 - General Tools
 - Adjustment Tools
 - Measurements
 - Image Filtering
 - DICONDE Connectivity
 - Non-DICONDE Connectivity
- **AcuScreenNDT Cloud**
 - Signing In & Security
 - Uploading & Downloading
 - Sharing
 - Viewer

INTRODUCTION

What is AcuScreenNDT PRO?

NDT software for those who ask for more

- Advanced measuring tools
- Image filtering
- B/C adjustments based on histogram
- File attachments (reports)
- Printing capabilities
- Network access to local storage



INTRODUCTION

Why AcuScreenNDT Cloud?

Website for NDT Customers

- Extending the capacity of local storage
- Easy image sharing
- Platform-independent viewing of images

Search Options

Component Name: Component ID: YOM: Modality:

Facility: Description: Status:

Period: Study ID:

Search

Studies: 1

	Component Name	Component ID	YOM	Modality	Facility	Description	Status	Date	Time	Study ID	Owner
Images: 2	CR test	007		CR	101	E2738-10 Example File	ready	12/2/2013	10:00 AM		

ACUSCREEN NDT PRO

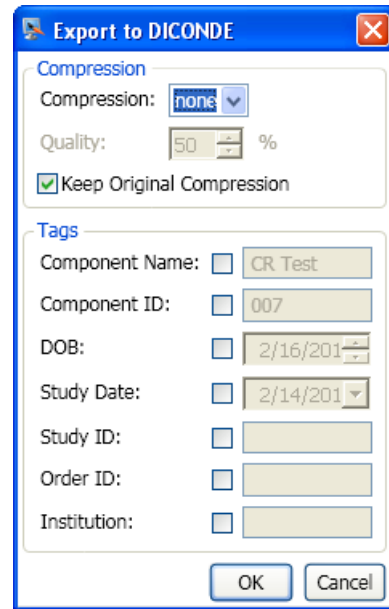
General Tools

- **File Attachments (Reports)**

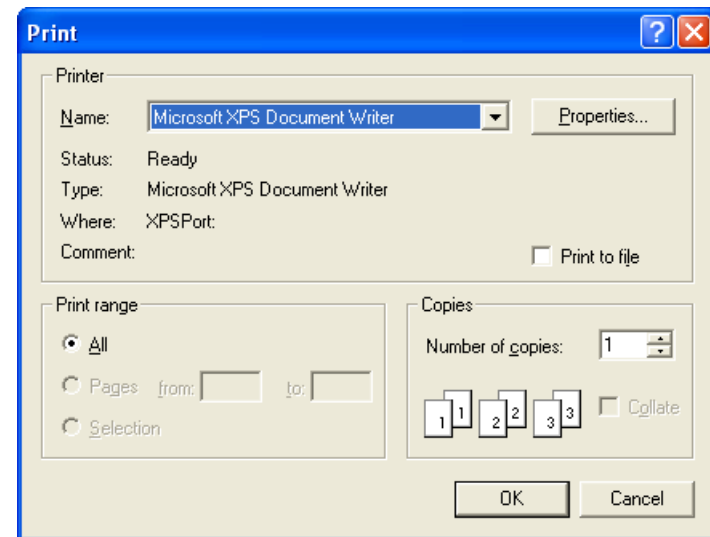


- **Export to**

- DICONDE
- TIFF
- JPEG
- PNG
- *The default is DICONDE



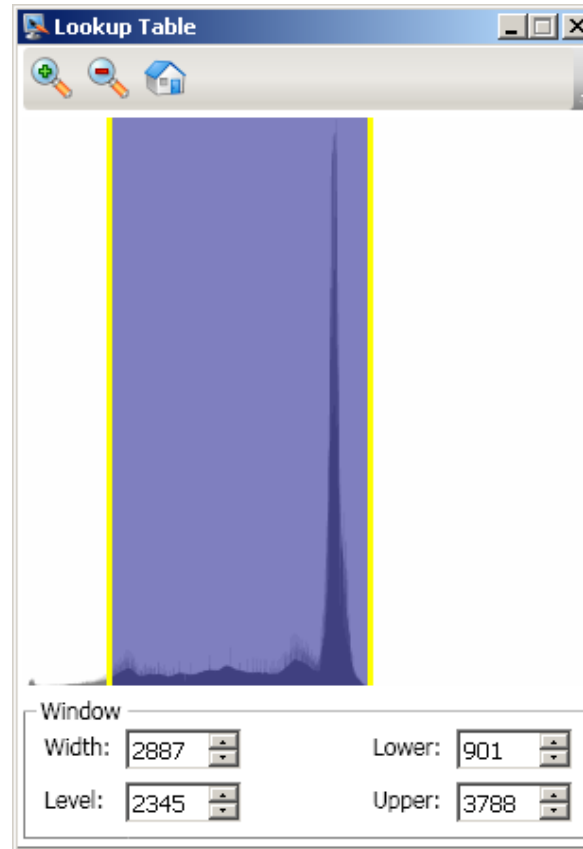
- **Printing**



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Adjustment Tools

- **Adjusting Brightness & Contrast Based on Histogram**
- **Also called Windows Leveling**

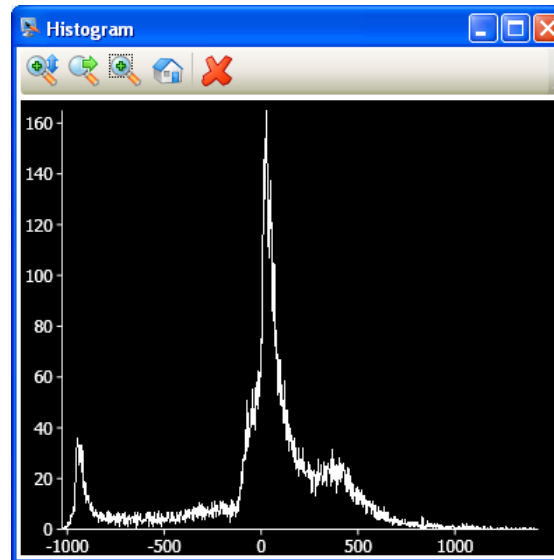


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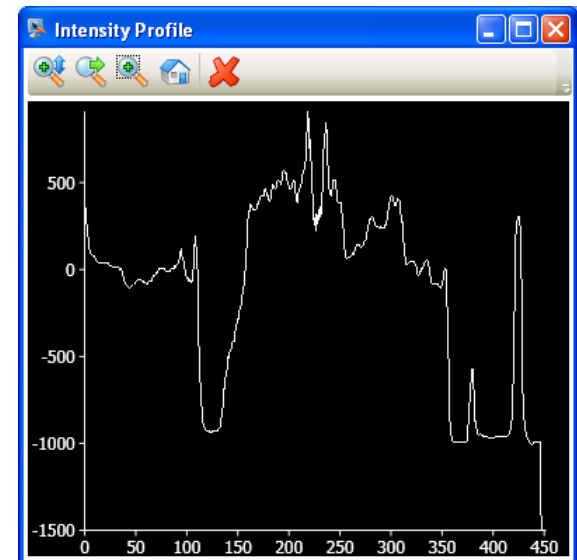
Measurements

- Freehand Curve & Shape
- Statistics
 - Min/max
 - Mean
 - Standard deviation

- Histogram



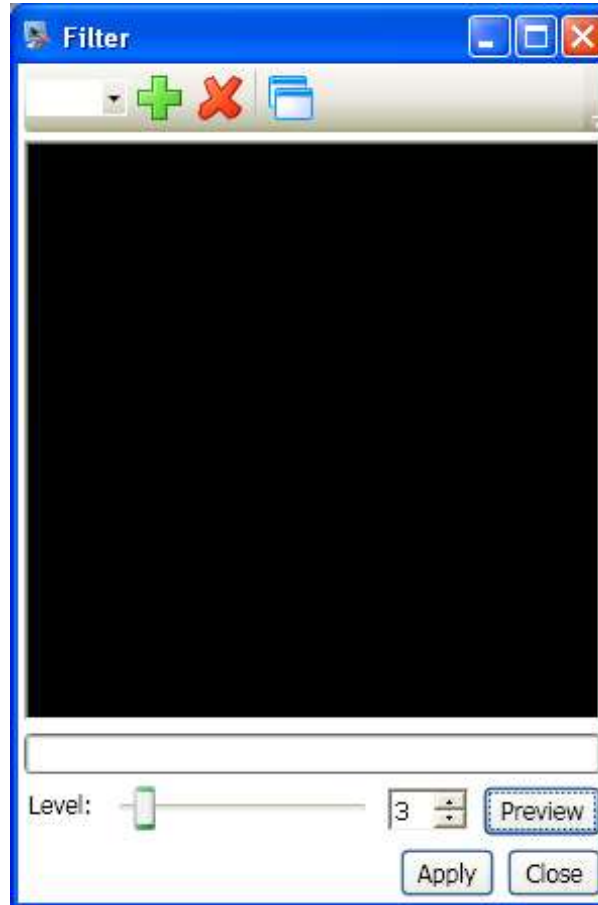
- Intensity Profile



ACUSCREEN NDT PRO

Image Filtering

- Reduce Noise
- Sharpen
- Custom Filters (Level Presets)



ACUSCREEN NDT PRO

DICONDE Connectivity

- **Storage Service**
 - Receives DICONDE images from third parties
 - Unlimited number of connections
- **Query/Retrieve Service**
 - Provides DICONDE images to third parties
 - Unlimited number of connections
 - Non-Latin character sets and transliteration support



ACUSCREEN NDT PRO

Non-DICONDE Connectivity

- **Shared Database**
 - Single database for multiple workstations
 - Full transparent access from other AcuScreenNDT workstations
- **File Proxy**
 - Direct access to locally stored files: save/load/delete
 - Security: no need for folder sharing under Windows OS



Signing In & Security

- **User Registration**
 - E-mail
 - Contact name
 - Phone
- **Activation via E-mail**
- **Logging In**
 - E-mail/password
- **Security**
 - HTTPS/TLS



Uploading & Downloading

- **AcuScreenNDT → Cloud**
 - Auto-uploading
 - Option to delete images upon sending
- **Cloud → AcuScreenNDT**
 - Manual download (w/ selection option)
 - Viewing in the AcuScreenNDT viewer
 - Option to save in a local database
- **Other**
 - Manual upload and download: select DICONDE/ZIP files



ACUSCREEN NDT CLOUD

Sharing

- **Data Owner**
 - Shares images by specifying e-mails
 - Members are automatically notified by e-mail
- **Cloud Members**
 - Add shared images to his/her workspace
 - The owner is notified by e-mail
- **Non-cloud Members**
 - Download shared images



Viewer



	AcuScreenNDT Basic	AcuScreenNDT Web
User Interface	Similar to the standalone viewer on CD	Simplified
Functions	Full	Limited
Platform	Windows Including 10/64b	Any: Windows, Mac, iPad, Android, etc.
Installation	Bing/Google: not needed Other browsers: plugin required	Not needed Zero footprint

Thank you!