

CharruaSoft S.A.

User Manual

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Version: 2.5.0	Reviewed by: Verónica Simonet	Approved by:
	Date: 20/08/2015	Date:

User Manual

JPEGDICOM 2.5.0

Developed by:

CharruaSoft

<http://www.charruasoft.com>

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1. Introduction

JPEG2DICOM it's an application for converting and sending JPEG images to a DICOM PACS.

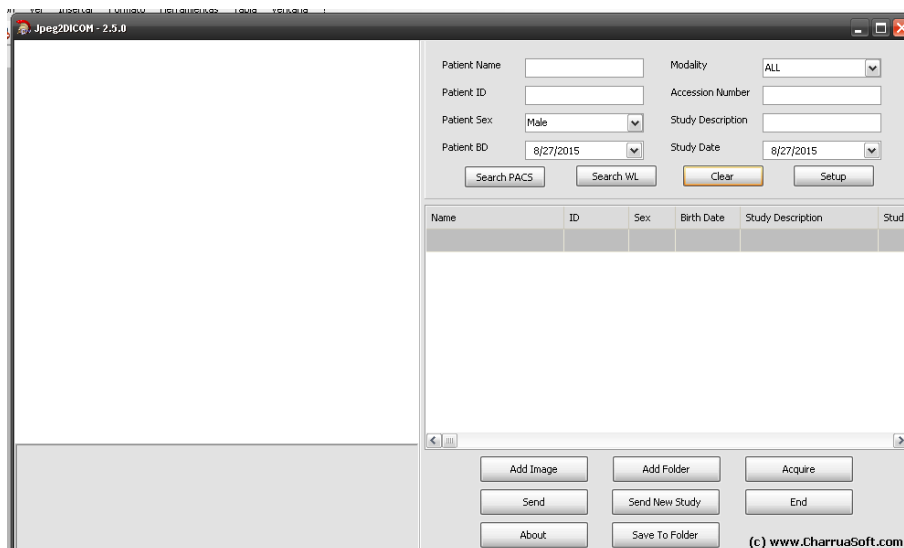
It can load a single image or an entire folder and then convert it into DICOM format. It has a DICOM.

It has worklist SCU for loading scheduled studies available in order to avoid entering the information manually.

2. Installation

Open JPEG2DICOM_install.exe, choose the directory where to install and press “install”.

After JPEG2DICOM is installed there will show the following “Main Screen” :



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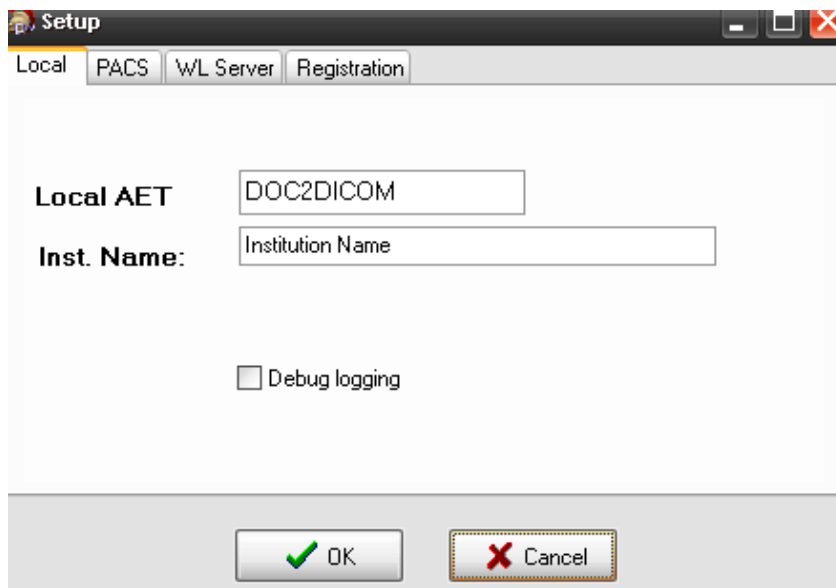
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In order to use JPEG2DICOM the user will have to do the setup.

Please press the “Setup” button, alter that JPEG2DICOM will show the following screen to complete

- Application Entity Title,
- Institution Name, default institution name.
- Debug logging, enhanced log information.



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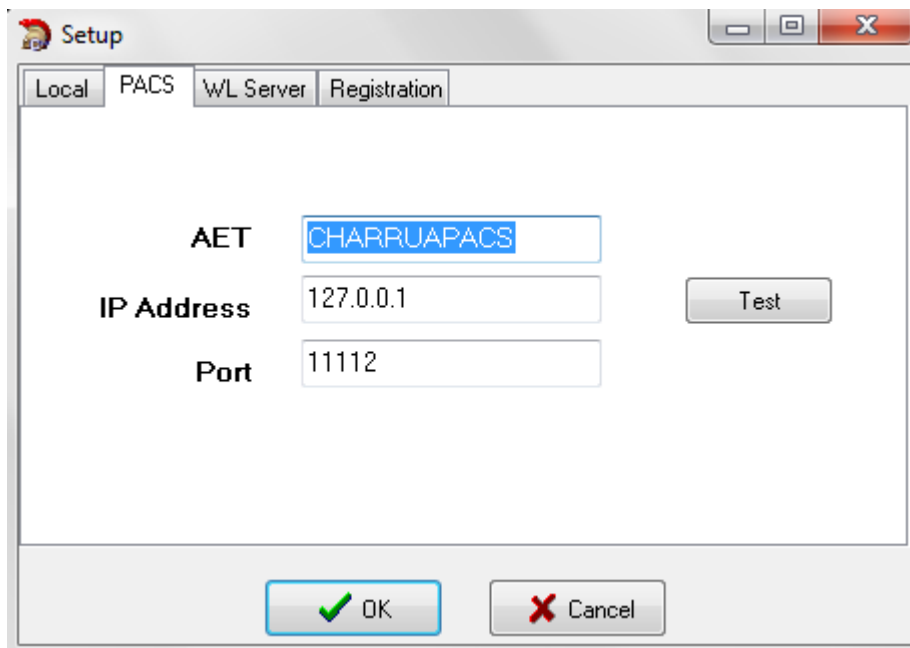
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Then complete the PACS info: AET, IP Address and Port.

The user can test de DICOM Communications through the button “Test” located on the right.



The screenshot shows a Windows-style dialog box titled "Setup" with a tabbed interface. The "PACS" tab is selected. It contains three input fields: "AET" with the value "CHARRUAPACS", "IP Address" with "127.0.0.1", and "Port" with "11112". A "Test" button is positioned to the right of the IP Address field. At the bottom of the dialog are "OK" and "Cancel" buttons.

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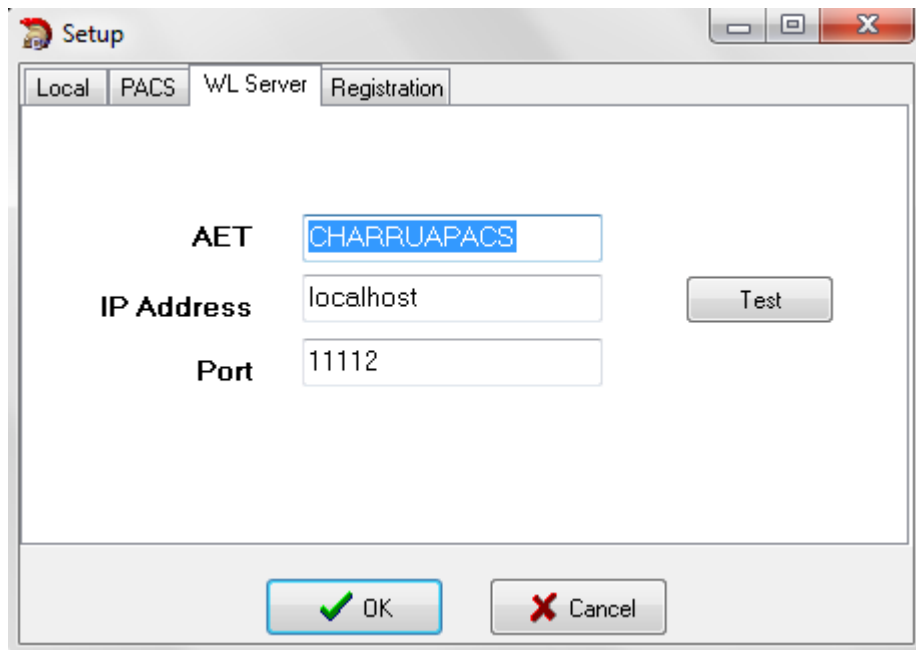
Please complete the WL Server screen with the following info:

- AET

- IP address

- Port

The user can test de DICOM Communications through the button “Test” located on the right.



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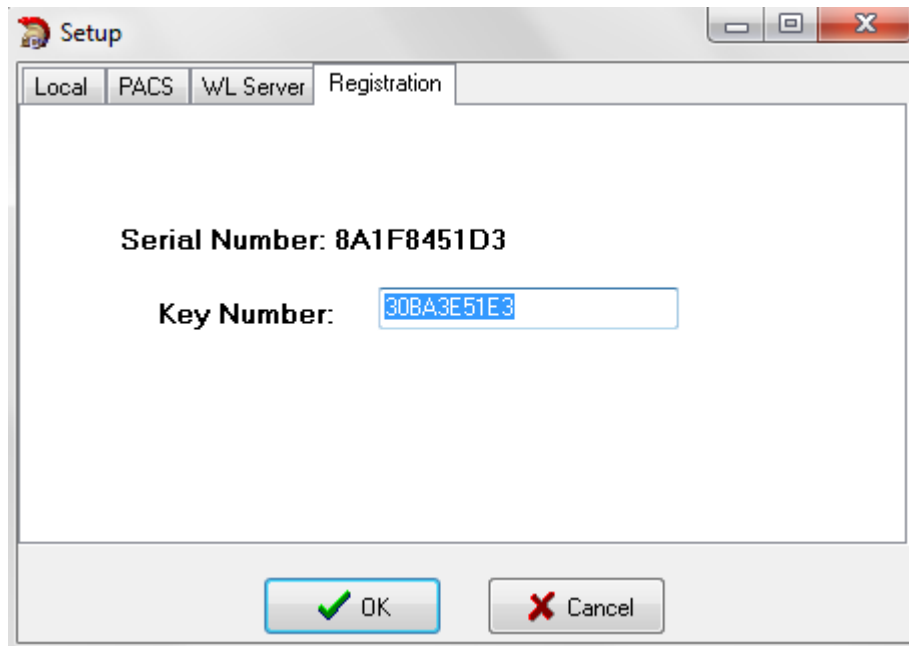
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For using this application an activation key is necessary, send us the Serial Number and we will provide the key number.



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3. How does it work?

After completing the setup, user will find the “Main screen”.

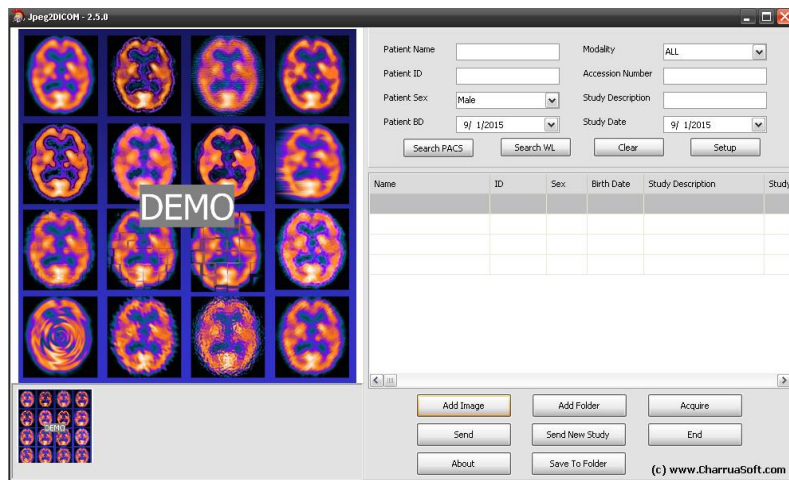
On this screen the user can complete the patient information manually or consult the worklist SCU for loading scheduled studies available in order to avoid entering the information manually.

Once the user load the patient info there are 3 ways of getting an image:

- Get an image form the directory through “Add Image” button.
- Get a folder through the “Add Folder” button.
- Acquire an image through the “Acquire” button.

a. Get an image form the directory through “Add Image” button

After pressing the button and selecting the location, the following screen will be showed:



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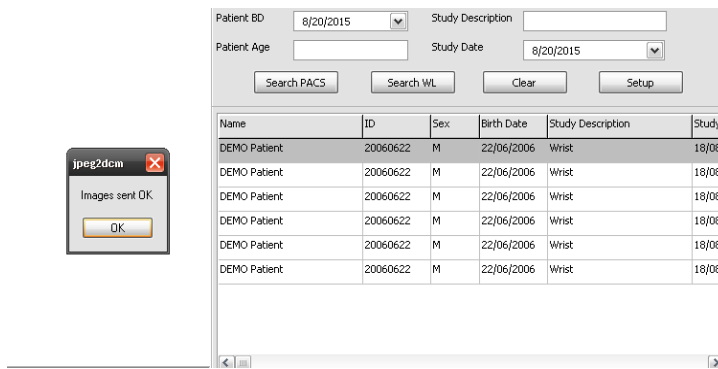
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In order to send an image, please press the button: “Send”.

If the image is sent properly the following sign will be showed: “Image sent ok” (as shown below).



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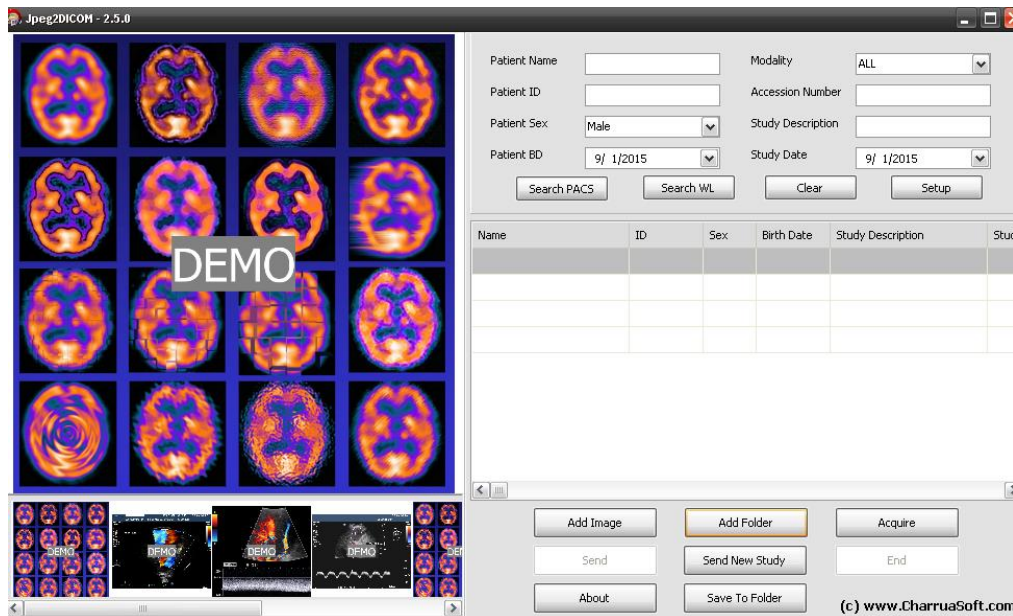
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b. Get a folder through the “Add Folder” button.

After pressing the button and selecting the location, the following screen will be showed:



To send the folder please press “Send”

Si la imagen es enviada correctamente aparecerá el siguiente mensaje: “Image sent ok”.

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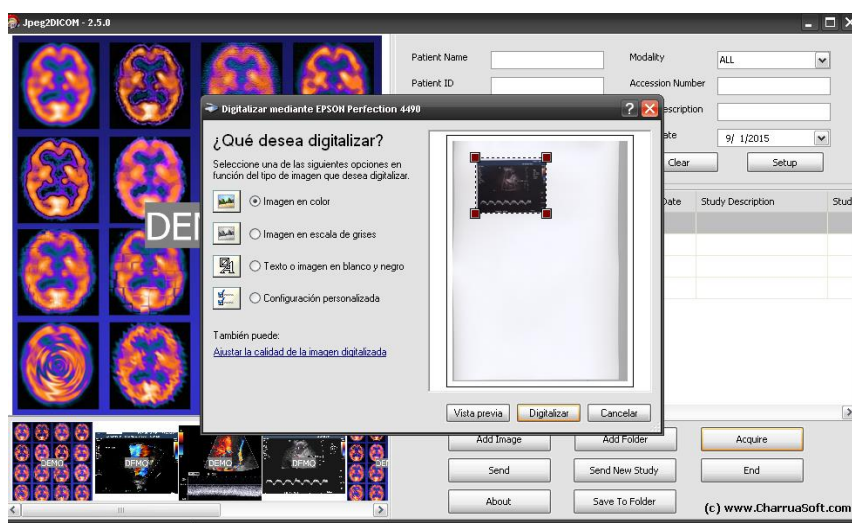
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c. Acquire an image through the “Acquire” button.

After pressing the button, a previsualitation screen will be showed.

After that please press “Scan”

To convert the image to DICOM please press “Send”.



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