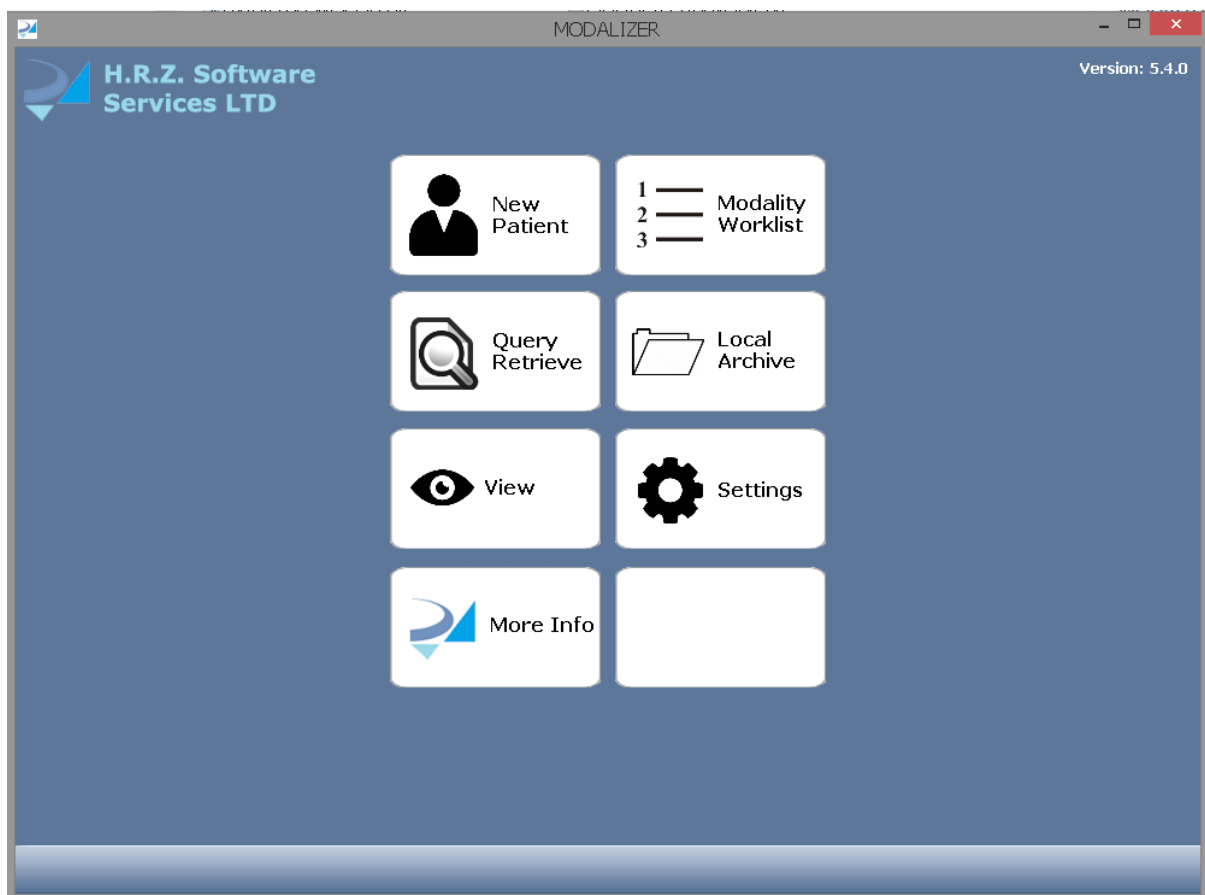


MODALIZER 5.4.0

User's Manual

Plug and Play Imaging Modality DICOM Implementation



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Reference Documents

Title	Link
MODALIZER DICOM Conformance Statement	http://downloads.roniza.com/MODALIZER/MODALIZER%20DICOM%20CONFORMANCE%20STATEMENT.pdf
MODALIZER White Paper	http://downloads.roniza.com/MODALIZER/MODALIZER%20White%20Paper.pdf



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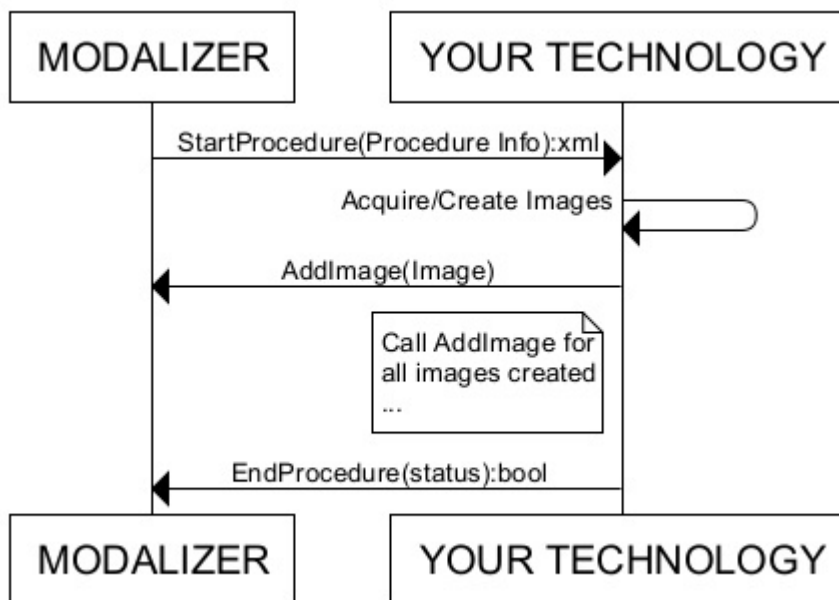


1. Introduction

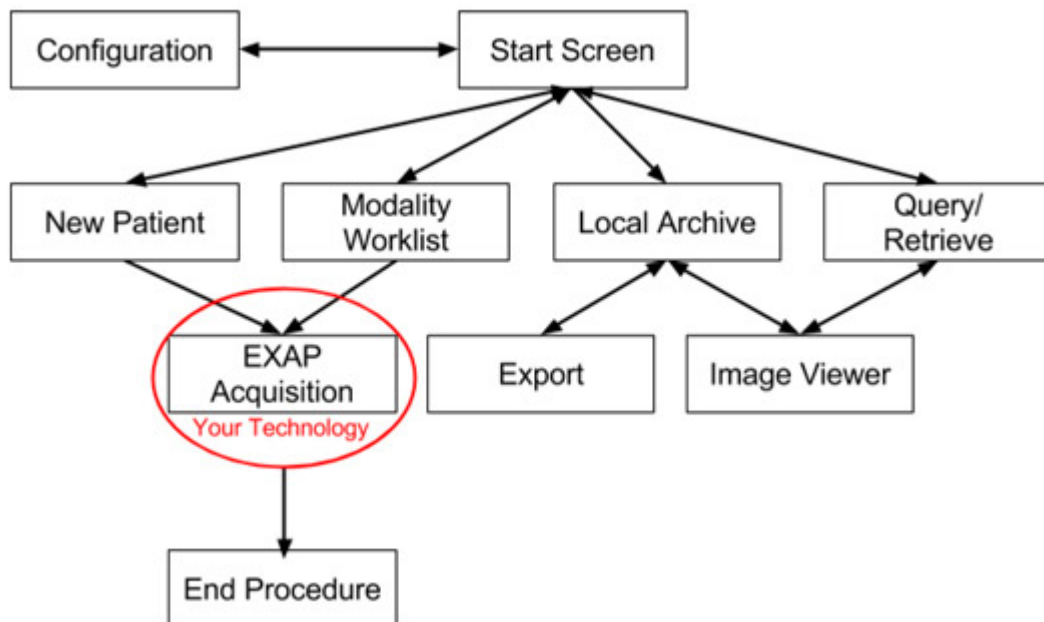
[MODALIZER 5.4.0](#) is a DICOM application with rich feature set, ready to implement. MODALIZER turn the tables on DICOM Software Development. Offering all the capabilities of modern Imaging Modality, with built-in, validated, and documented DICOM Implementation, MODALIZER keeps you focused on your core technology development.

MODALIZER includes Imaging Modality, DICOM viewer and Converter, and many more features expected from Medical Imaging Device Software.

Built on top the successful RZDCX DICOM Toolkit, MODALIZER can be easily customized and extended.



The MODALIZER DICOM Application features a unique interface to integrate with an external process for performing the image acquisition. It implements all the transactions of the Imaging Modality actor within IHE Scheduled Workflow (SWF) Integration Profile, and includes the Workflow, the Configuration, and the Setup functionality.



With MODALIZER, the medical devices manufacturers receive a ready-to-integrate application of Imaging Modality Workstation, so they can focus on developing the image acquisition module. MODALIZER takes care of all the rest.

The intended audience of MODALIZER consists of medical devices manufacturers and medical software developers who seeks an OEM product to operate as an Imaging Modality.

1.1. IHE Actors and Transactions

Image Display

MODALIZER Implements the transactions of the Image Display Actor within the IHE Scheduled Workflow Integration Profile.

MODALIZER loads all the instances from DICOM Q/R or from Physical Media. It reads DICOMDIR files or scan Directories for DICOM files and displays their content in the DICOM Viewer.

Please note: *Images are for information only*

Evidence Creator

MODALIZER includes all the code for creating DICOM Files and exporting them according to the DICOM Standard either through DICOM Networking (C-STORE) or using Physical Media (DICOM CD).

MODALIZER includes features for creating DICOM Structured Reports and for converting images, videos and PDF documents to DICOM.

Imaging Modality

Use MODALIZER to transform your Imaging Technology into a standard IHE and DICOM compliant Imaging Modality. The Unique EXAP interface clearly divides the domain of your technology and the DICOM standard and helps you to focus on your technology.



MODALIZER is a complete Imaging Modality implementation just without the image capture device.

1.2. DICOM Services implemented by MODALIZER

Verification SCU/SCP

The verification service utilize the DIMSE C-ECHO command to confirm network communication at the application level.

MODALIZER provides full encapsulation of the verification service as SCU and as SCP including detailed logging and user controls. It provides “echo” buttons in the settings screen in the right places. Just use them as they are.

Storage SCU/SCP

The DICOM Storage service is encapsulated into clearly documented class.

MODALIZER provides SCU (sending) and SCP (receiving) implementations of the DICOM Storage Service.

Modality Worklist SCU

Supporting the DICOM Modality Worklist Service is no longer a bonus. Most hospitals and healthcare organizations wouldn't accept imaging modalities and even other medical devices that can't electronically receive patient and procedure parameters without typing.

MODALIZER built in MWL SCU takes care for you for all the aspects of Medical Record integration.

Query/Retrieve SCU

We've seen too many false implementations of the DICOM Query/Retrieve Service, and decided to encapsulate the whole thing into one simple class. It's important to understand how it works but also to understand that that's the way it works. Take the Q/R implementation as it is.

Modality Performed Procedure Step SCU

Just like MWL, MPPS gradually earns its deserved recognition. With MPPS your Imaging Modality can report the study acquisition progress and status in a standard way. It's a feature that can earn your product valuable points.

Physical Media Creator

MODALIZER Exports DICOM Studies with DICOMDIR and integrated DICOM CD Viewer and all according to the DICOM standard and IHE guidelines.



1.3. The Local Archive

MODALIZER 5.4.0 includes a local DICOM Archive to store all created, converted, and imported studies. All the files in the local archive are stored according to the DICOM Standard using the DICOM file format.

Local Archive

Patient name: Patient ID:

Accession #:

Exact study date: 05/12/2018 From: 05/12/2018 To: 05/12/2018

Patient Name	Patient ID	Sex	Birth Date	Accession Number	Study Date	Study Descriptio	No of Series	No of Images	Status	Institution Name	Modalities In Study	Body Parts
--------------	------------	-----	------------	------------------	------------	------------------	--------------	--------------	--------	------------------	---------------------	------------



2. DICOM Viewer

MODALIZER 5.4.0 has a powerful and friendly Multi-Modality DICOM Viewer.

Detailed description of the viewer functionality see in our MODALIZER+ user manual which can be loaded there:

<http://downloads.roniza.com/MODALIZERPLUS/MODALIZER+%20User%20Manual.pdf>

NOTE: Measurement tools (Distance/Optical density/Angle) are not available in the MODALIZER Viewer.

3. Working with Studies

3.1. New Patient

Select the “New Patient” option from the main menu:

A screenshot of a software dialog box titled "New patient:". The dialog has a light blue background and a white border. It contains several input fields and a section for patient sex. The fields are: "First Name" (text input), "Last Name" (text input with a "..." button to its right), "Patient ID" (text input), "Patient Birth Date" (date picker showing "05/12/2018" and a calendar icon), "Patient Sex" (radio buttons for "Male", "Female", "Other", and "Not Set", with "Not Set" selected), and "Accession Number" (text input). At the bottom, there are four buttons: "Cancel", "Settings" (with a gear icon), "<< Back", and "Next >>".

Click "..." button to show/hide Prefix, Middle Name and Suffix fields:



New patient:

Prefix

First Name

Middle Name

Last Name

Suffix ⋮

Patient ID

Patient Birth Date 05/12/2018

Patient Sex

Male Female Other Not Set

Accession Number

Enter patient's data (not required), then click "Next".

External acquisition application will be started (see Setting to learn how to define it).

MODALIZER will fill the exchange file with case attributes such as patient identification (e.g. Name, ID, Birth Date and Sex), study information and other attributes.

Template file (defined on Settings screen, built-in one is located in MODALIZER installation folder and named **PatientDataTemplate.xml**) can be of any text format - XML, txt, json, even RTF. By default its XML containing ALL available fields:

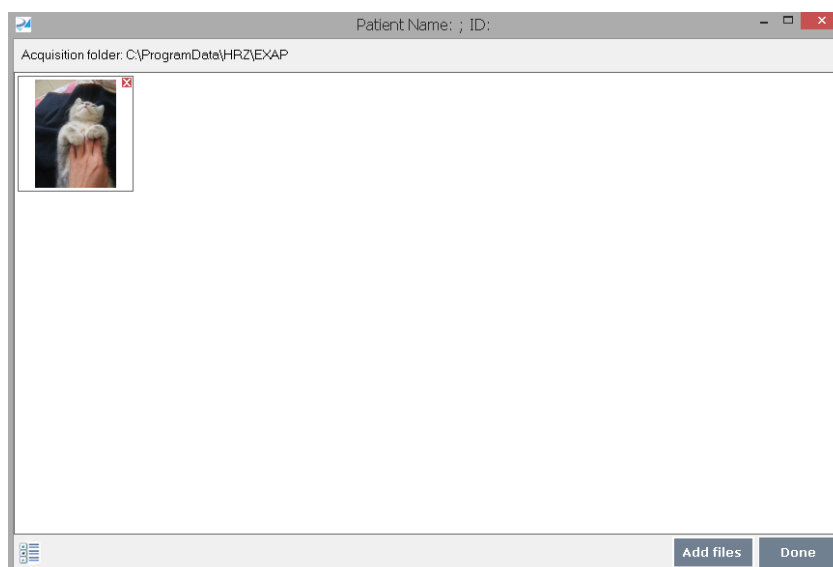
```
<?xml version="1.0" encoding="utf-8" ?>
<PatientData>
  <PatientName>
    $PatientName$
  </PatientName>
  <PatientId>
    $PatientID$
  </PatientId>
  <PatientSex>
    $PatientSex$
  </PatientSex>
  <PatientBirthdate>
    $PatientBirthdate$
  </PatientBirthdate>
  <AccessionNumber>
    $AccessionNumber$
  </AccessionNumber>
  <StudyInstanceUID>
    $StudyInstanceUID$
  </StudyInstanceUID>
  <StudyId>
```



```
    $StudyId$  
</StudyId>  
<StudyDate>  
    $StudyDate$  
</StudyDate>  
<StudyTime>  
    $StudyTime$  
</StudyTime>  
<Modality>  
    $Modality$  
</Modality>  
<RequestedProcedureDescription>  
    $RequestedProcedureDescription$  
</RequestedProcedureDescription>  
<ScheduledProcedureStepDescription>  
    $ScheduledProcedureStepDescription$  
</ScheduledProcedureStepDescription>  
<StationName>  
    $StationName$  
</StationName>  
<ReferringPhysiciansName>  
    $ReferringPhysiciansName$  
</ReferringPhysiciansName>  
</PatientData>
```

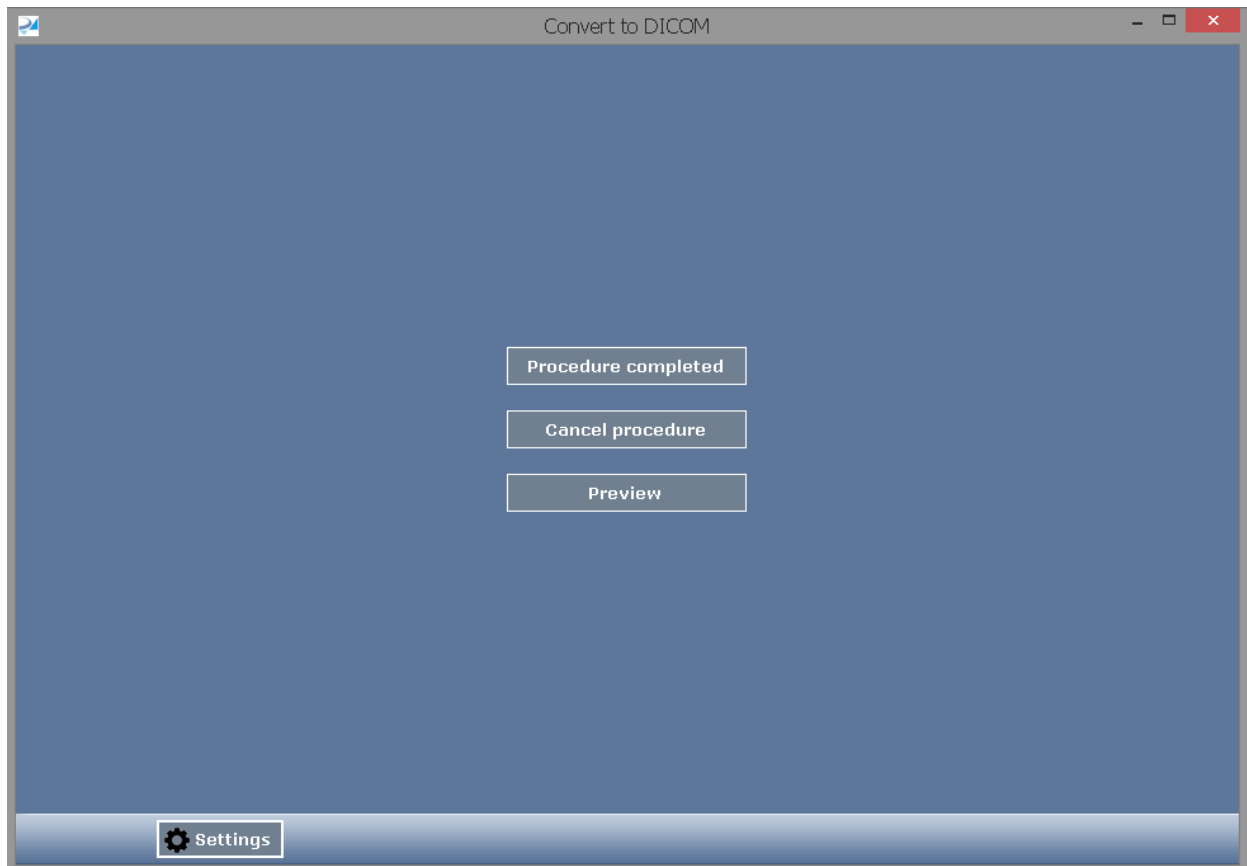
Output file is saved as PatientData.[extension of the template file] in the shared folder so your EXAP application is able to load required data from it. The special '\$' surrounded placeholders are automatically replaced by the actual attributes values for every new exchange file.

MODALIZER is installed with built-in EXAP application as example:





After user added files and clicked "Done" (or executed custom actions in external application and closed it) - all acquired images/video will be converted to DICOM accordingly to conversion parameters defined on the Settings screen and "Convert to DICOM" screen will be opened:



Click "Procedure completed" to store converted DICOM files permanently on the hard disk and in local archive data base, "Cancel procedure" to delete converted DICOM files or "Preview" to open all converted DICOM files in the Viewer.

On completing procedure DICOM files can be automatically sent to remote PACS is correspondent option was selected on Settings screen



3.2. Modality Worklist Query

In order to use the Modality Worklist Service configure a [Worklist Server](#).

Click “Modality Worklist” in the main menu:

Last Name	First Name	Patient ID	Birth Date	Sex	Accession	Requested Procedure Description	Shed. Procedure Start	Shed. Procedure Start	Sched. Pr. Step Descriptio	Modality	Station Name	Refer.Phys
Dow	Jane	3134214...	05/12/20...	F	5001534...	Tests	05/12/20...	09:59:00	Procedur...	BDUS	Station	Dr. Som...

The basic search is done by the patient name or by patient ID. If you are not sure in patient’s name spelling you can use wildcard characters “?” and “*”. “?” is used to represent a single character and “*” represents any number of characters. Click “Advanced Search” to present additional search options like a range of days when the study has been created or by the accession number. Clicking “Search” with no search parameter set will list all the existing studies. This is not recommended and it may take a very long time.

A default search filter can be set in the settings screen for “today” and for a specific scheduled AE title. To enable this mark the appropriate check-boxes in the “[Worklist Server](#)” settings panel.

MODALIZER uses the attributes received from the MWL Query in the EXAP exchange file.

Double click on the row from the list of results or clicking the “Next” button will lead you to acquiring images by EXAP application and converting them to DICOM.



Right click on the row opens menu allowing to copy/print patient and study info:

Sex	Accession	Requester Procedure Description	Shed. Procedure Start	Shed. Proced Start
F	5001524	Test	05/12/20	00:59:01

Copy Patient Info to Clipboard

Print Patient Info

Patient Info to Notepad

Copy Full Info to Clipboard

Print Full Info

Full Info to Notepad

3.3. Query/Retrieve - Searching the PACS

Query/Retrieve (Q/R) is a DICOM Service that allows to search for DICOM objects in a PACS using search criteria (patient name, date of creation of the images, modality etc.) and retrieve them for viewing or other purposes. To use Q/R you configure a [Storage Server](#).

Select "Query Retrieve" from the main screen.

Advanced Search Query

Patient name:

Patient ID:

Accession number:

Exact study date: 05/12/2018

From date: 05/12/2018

To date: 05/12/2018

Destination Folder: C:\Users\Evgenia8\Documents\DICOMIZER\RETRIEVE\1.2.124.113532.24.35635.23134.20100107.85122.4; Browse

Studies list (to retrieve selected study double-click on the row or select row in the grid and click "Next")

Patient Name	Patient ID	Birth Date	Sex	Study ID	Study Date	Study Time	Mod.In Study	Accession#	Ref. Physician Name	#Series	#Inst.	Study Instance UID
PATIENT1...	ID15031	19650804	M	17823070	20100108	050804.84	CT	ACC125530		1	106	1.2.124.1...
ZCHARIA^...	02444835-9	19690913	M	4397	20180805	162331.233	CT	RM000000...		2	9	1.3.46.67...

Cancel Settings << Back Next >>



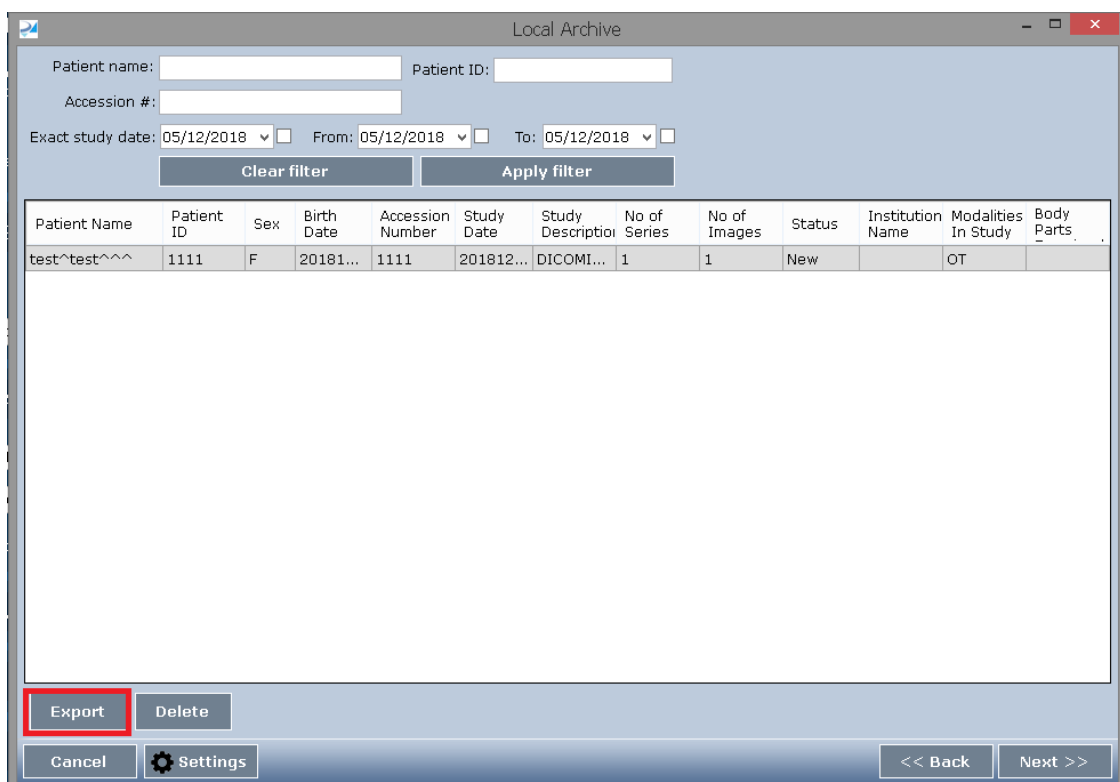
Once the search criteria are set click "Search". Clicking "Search" with no search parameter set will list all the existing studies. This is not recommended and it may take a very long time.

Double click on the row from the list of results or select the row and click "Next" –the matching DICOM files will be stored in the destination folder and then displayed in the [DICOM viewer](#).

3.4. Export study (burn CD/DVD), send study to PACS

MODALIZER allows creating a complete and portable medical record with specific studies and an embedded DICOM Viewer.

Select study and click "Export" on the Local Archive screen:



"Export DICOM files" screen will be opened:



In order to prepare a Standard DICOM Media, MODALIZER prepares the media files using standard filenames in Patient-Study-Series-Image hierarchy and creates a DICOMDIR file.

Select the media device or export folder for the media to be burn. Click “Export selected study to CD/DVD/USB/Folder” to copy files to selected folder or burn on CD/DVD.

Click “Send selected study to remote DICOM AE” to send study to the remote image archive defined on Settings screen.



4. The Local Archive

Local Archive is a built-in Compact SQL data base and hierarchically structured storage place (Root folder/Study folder/Series folder/DICOM files). All converted/retrieved from PACS DICOM files are stored in this storage place. You are able to search, view, export, delete stored files and add new DICOM files to an existing study using "Local Archive" screen.

See in "[Settings](#)" how to configure the Local Archive.

Select "Local Archive" from the main screen:

Patient Name	Patient ID	Sex	Birth Date	Accession Number	Study Date	Study Description	No of Series	No of Images	Status	Institution Name	Modalities In Study	Body Parts
test^test^^^	1111	F	20181...	1111	201812...	DICOMI...	1	1	New		OT	

Once the search criteria are set click "Search". Double click on the row from the list of results or clicking the "Next" button will lead you to Viewer screen displaying images of the selected study.

Right click on the row opens menu allowing to export/delete selected study or add a new series to it:

Click on "Delete" to remove selected row from the Data Base and all study files from the hard disk.

Click "Export" to save selected study on external drive or send it to PACS (see 4.4).



5. MODALIZER Settings

You can enter the “Settings” screen by clicking the “Settings” button in the main menu or by clicking the “Settings” button in the bottom left corner of any screen. Here you can set the Listener, Storage and Worklist servers, configure Local Archive, change the conversion process configuration and define EXAP application parameters.

The screenshot shows the 'Settings' window with the following sections:

- Storage Server Configuration**: Local AE: DICOMIZER, Remote AE: DSR SVC, Remote host: localhost. Local port: 5108, Timeout (sec.): 5, Remote port: 104. Includes an 'Echo' button.
- Worklist Server Configuration**: Local AE: DICOMIZER, Remote AE: DSR SVC, Remote host: localhost. Includes an 'Echo' button, 'Automatic MPPS' checkbox, 'Timeout (sec.): 5', and 'Remote port: 104'. A 'Worklist Query Filter' section has checkboxes for 'For today' and 'For this AE'.
- Local Archive Configuration**: Collapsed section.
- EXAP Configuration**: Collapsed section.
- Conversion Settings**: Collapsed section.
- DICOM Template**: Collapsed section with a 'Use template' checkbox.

At the bottom, there is a checkbox for 'Define configuration per user' and a '<< Back' button.

The DICOM nodes (workstations, PACS systems) can communicate if they know each other. That means, each system must know the AE Title, the IP address or hostname and the IP port of the other system. After setting these parameters you will be able to use Storage, Modality Worklist and Query/Retrieve.



5.1. Local Archive configuration

All converted/retrieved from PACS DICOM files are stored in hierarchically structured storage place (Root folder/Study folder/Series folder/DICOM files); info about these files is stored in built-in Compact SQL data base.

Local Archive Configuration

Automatically send new studies to remote image archive

Automatically send storage commit requests for new studies

Automatically Delete local copy of study after: One Month

Automatically delete local copy of study only if: Always

Include DICOM Viewer to DICOMDIR

Local Archive Folder: C:\ProgramData\HRZ\LocalStorage\

Rebuild from files

To change root folder where archived studies are stored - click "..." button.

Set required clearing mode by selecting options from "Automatically delete local copy of study after" and "Automatically delete local copy of study only if" lists.

You may need to re-fill DB by info about DICOM files stored in root folder, for example if you want to switch to another storage folder. You can do it by selecting required path and clicking "Rebuild from files" button. Current archive folder will be scanned and found studies inserted into DB.

This operation is executed in separate task with displaying its progress while running. You can stop this operation by clicking "Cancel" button.

Log file RebuildFromFiles.log will be created containing follow data:

- The name of every folder that is scanned
- The name of every file that is opened (full path)
- Whenever new study is added with Study Instance UID.

Select "Automatically send new studies to remote image archive" if you want send DICOM files to PACS after conversion ends.

Select "Include DICOM Viewer to DICOMDIR" if you want to copy DICOM Viewer Standalone Application so the DICOM files can be viewed automatically by clicking DICOMViewer.exe



5.2. Storage Servers configuration

Storage Server Configuration		Echo
Local AE:	DICOMIZER	Local port: 5108
Remote AE:	DSRSVC	Timeout (sec.): 5
Remote host:	localhost	Remote port: 104

- Local AE - The DICOM AE Title of this installation of MODALIZER. This must match to the MODALIZER AE Title configured in the PACS.
- Local port - define the port number that MODALIZER listens on for incoming connections (The default port is 5108)
- Timeout - the purpose of a server timeout is to prevent from endlessly waiting for a server to respond. The recommendation is to keep the default, if there are known connection problems increase the value.
- Remote AE - your Storage Server title.
- Remote host - your Storage Server host name or IP address.
- Remote port - your Storage Server port.

Click the “Echo” button to verify that the settings are correct. If red X icon is displayed, verify that the settings are correct and the server is running. Check the log file lastEcho.log in MODALIZER installation folder (C:\MODALIZER).

Important: To complete this settings you must also configure your Storage Server (PACS) with Your MODALIZER AE Title (the value you set for “Local AE”), the hostname (or IP address) of your computer and the IP port (the value you set for “Local port”).

Note #1: Ask your System/PACS Administrator for the Storage Server parameters.

Note #2: MODALIZER is compatible with most DICOM PACS providers. Please advise your PACS software help file about AE configuration of your PACS server or ask your System Administrator.



5.3. Worklist Servers configuration

The Worklist Server must be configured in order to use Modality Worklist query.

^ Worklist Server Configuration		Echo
Local AE:	DICOMIZER	<input type="checkbox"/> Automatic MPPS
Remote AE:	DSRSVC	Timeout (sec.): 5
Remote host:	localhost	Remote port: 104
Worklist Query Filter: <input type="checkbox"/> For today <input type="checkbox"/> For this AE		

Configure the parameters for your Worklist Server. Click the “Echo” button to verify that the settings are correct. If red X icon is presented verify that the settings are correct and the server is running.

Automatic [MPPS](#) - check this option to use MPPS.

Note: Don’t check this option if the Worklist Server you work with doesn’t support MPPS.

Timeout - The recommendation is to keep the default, if there is known connection problem increase the value.

Two more options in the Worklist Server panel refer to [Worklist Query](#) filter. You can define that the search results will present only the studies that scheduled for today and/or for a specific Scheduled AE Title. To do this mark the appropriate check-boxes in the “Worklist Server” panel.

Note: Ask your System Administrator for the Worklist Server parameters.



5.4. External Acquisition Application configuration

MODALIZER uses some external application to acquire images for converting to DICOM. For example - some application receiving images from medical device as CT etc.

External application will be started when user clicks "Next" button on "New patient"/ "Modality Worklist" screen or on adding new series to existing study from "Local Archive"/"Query Retrieve" screen.

This application must receive as input parameter path to some "exchange data" file containing patient and study data (patient name and ID and so on) and save acquired file in the parent folder of this file.

Follow parameters have to be defined in Settings screen:

EXAP Configuration	
EXAP Application:	BuiltInEXAP.exe ...
Shared Folder:	C:\ProgramData\HRZ\EXAP\ ...
Path to template:	PatientDataTemplate.xml ...
<input type="button" value="Use example"/>	

1. **EXAP Application:** full path to EXE file starting external application (by default it is built-in example working exactly as Acquisition screen). To select EXE - click "Browse" button in the same line. To return to built-in example - click "Use example" button
2. **Shared folder:** full path to a folder in which exchange file (XML, txt, json etc.) will be stored. To select folder - click "Browse" button in the same line.
3. **Path to template:** full path to exchange file template. Built-in template is XML file by name PatientDataTemplate.xml containing all available fields.



5.5. DICOM template (override DICOM Attributes)

DICOM attributes are stored in a file that you can edit or replace. In order to use the attributes as they're defined in the template mark "V" in the checkbox "Use Template".

Important! The override attributes are applied after all other conversion steps were made. Make sure not to override any image attributes (group 0028).

Tag enum	Tag name	Value	Length	VR
X (0008,0080)	InstitutionName	My station	10	LO

To create your own DICOM attributes template click "New", in the opened window select the file location and give it a name. Click "Save". The created file will be automatically loaded in MODALIZER and you can edit the attributes. You can find the attribute by its name - start typing to get a drop-list of the appropriate attributes or search by the attribute's tag enumeration. Click "Add" to present the value in the table. Enter the new value in the attribute's row in the "Value" column. Clicking "X" in the left column will remove the attribute from the template.

If you want to use another DICOM attributes template click "Browse" and select.



5.6. Conversion Settings

A screenshot of a software dialog box titled "Conversion Settings". The title bar is yellow and contains a small arrow icon and the text "Conversion Settings". Below the title bar is a light blue area containing a single checkbox with the label "Create one Multi-Frame File".

⌵ Conversion Settings
<input type="checkbox"/> Create one Multi-Frame File

The files will be converted to DICOM the way they are. JPEG Images will be converted as JPEG and other as uncompressed.

- Create one Multi-Frame File – use this option when you have a series of related images. All images must be the same format and the same size.

5.7. General configuration

At the bottom of the configuration screen there are one additional option:

Define configuration per user

When per-user configuration is checked, every user (from the windows operating system) has its own configuration file.



6. Completing tasks with MODALIZER

6.1. Viewing DICOM Images

MODALIZER is a powerful DICOM Workstation that lets you display DICOM Files from your local computer, from CD/DVD/USB and from any PACS.

There are a few ways to present the files - you can Drag-and-drop the items or to click "Open Files" to browse for a folder and select the files to view. In order to present all folder's content use "Open Folder" button.

6.2. Using CD/DVD DICOM Viewer

MODALIZER automatically adds a DICOM CD Viewer to every burned CD/DVD so patients and physicians can view their studies and reports anywhere. Double click the DICOM Viewer application in the CD/DVD root folder to view the CD/DVD content.

6.3. Viewing PDF file in DICOM format

To extract a PDF from a DICOM Encapsulated PDF file, click PDF icon in the Viewer – the file will be converted to PDF and displayed using your system default PDF viewer.

6.4. MPPS (Modality Performed Procedure Step)

Modality Performed Procedure Step is a complementary service to Modality Worklist.

Once the procedure was started via Modality Worklist Query the modality creates a new MPPS that references the Study.

MPPS has 3 statuses:

- IN PROGRESS – this means that the procedure has been started
- COMPLETED – this means that the procedure is finished.
- DISCONTINUED – if the procedure was stopped in the middle

7. Troubleshooting

7.1. Log Files

MODALIZER Log files are stored in the directory:
C:\Users\

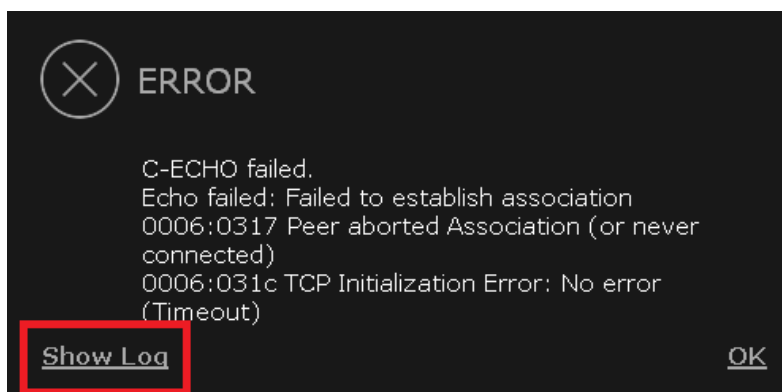
MODALIZER keeps the last log for every DICOM operation:

- LastEchoToStorageServer - the log on Echo to PACS action



- LastEchoToWorklistServer - the log on Echo to Worklist Server action
- LastMove - the log on copying a study to PACS
- LastMPPSCreate - the log on MPPS creation
- LastMPPSSet - the log on setting MMPS
- LastQuery - the log on Query Retrieve operation
- LastSend - the log on the send to PAXS operation
- LastWorklistQuery1 - the log on Worklist Server search operation

When operation fails, message will be displayed with an option to open correspondent Log file:





Appendix A. Customization Instructions

There are five files in the installation folder you can use to customize your MODALIZER layout and links:

1. Company_Logo.png - logo on the main screen, image size 254x60, built-in image is



2. CompanyIcon.ico - icon file for main screen title and desktop shortcut, built-in icon contains 16x16, 32x32, 48x48, 64x64, 96x96, 128x128 and 256x256 24 bit images which looks like



3. More_Info.png - image for "More info" button, image size 60x60, built-in image is



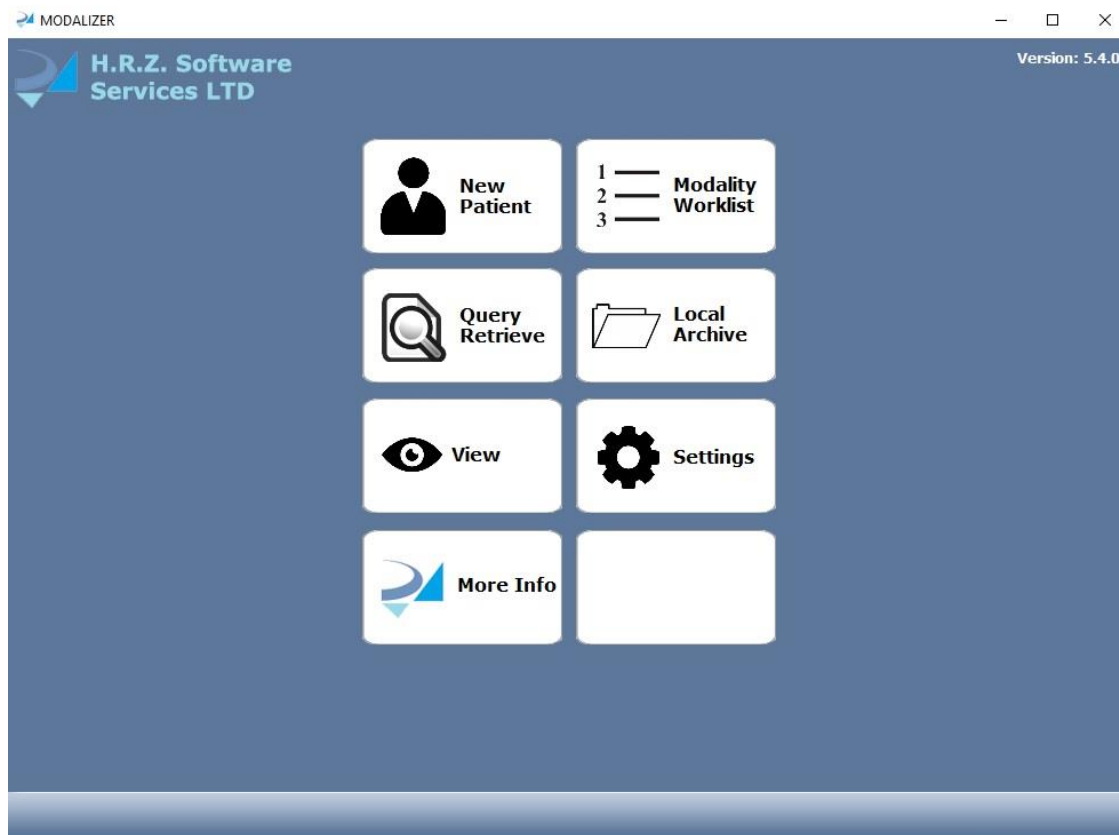
4. MODALIZERMoreInfoLink.txt - text file containing link for "More info" button, built-in value is
<https://www.roniza.com/products/modalizer/>
5. MODALIZERBuyLink.txt- text file containing link for "Buy now" button, built-in value is
<http://www.roniza.com/modalizer-contact-for-pricing/>

After clean installation desktop shortcut looks like:





And main screen of the MODALIZER like:



NOTE: You can edit all these files but you need to save it with EXACTLY THE SAME NAMES!
PNG file MUST have the same width and height.

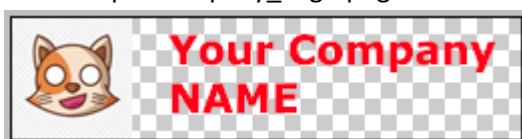
Edit MODALIZERMoreInfoLink.txt and MODALIZERBuyLink.txt in the Notepad if you need another links.

Icon file CompanyIcon.ico can be edited for example in Visual Studio or any graphic redactor supporting ico format. Let's suppose CompanyIcon.ico file has been changed to something like:



PNG files can be edited in Photoshop, Windows Paint etc.

For example Company_Logo.png is now like:

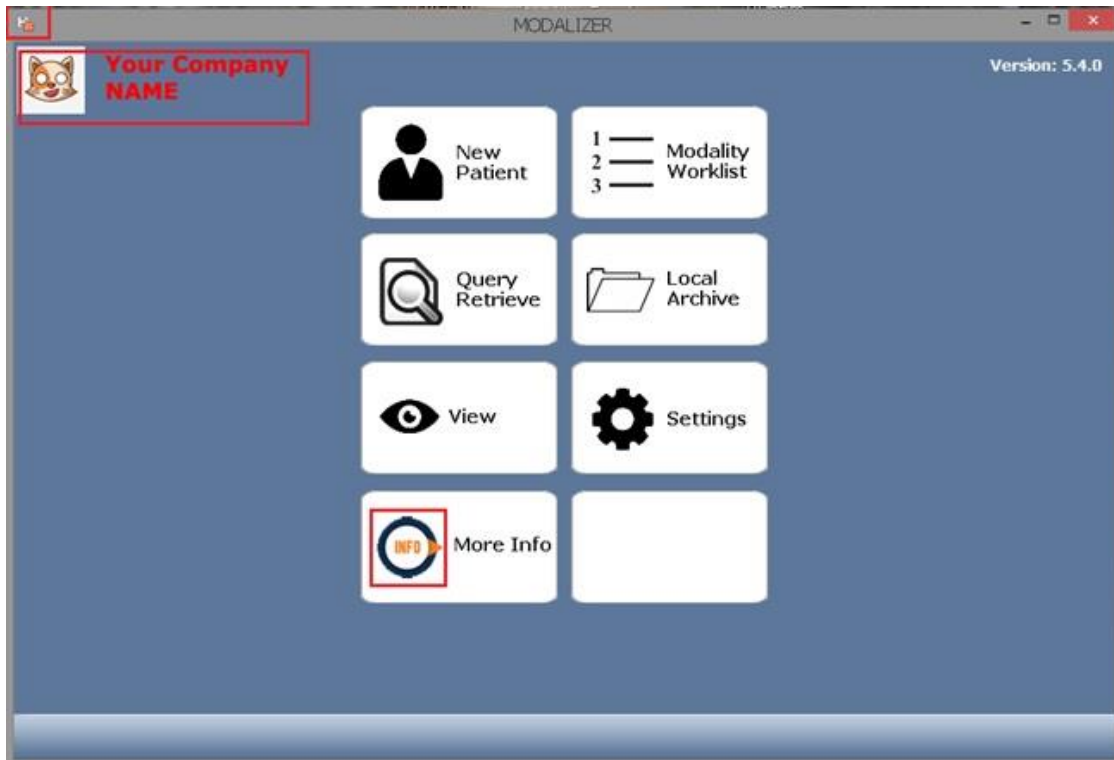




And More_Info.png like:



MODALIZER main screen now will look like:

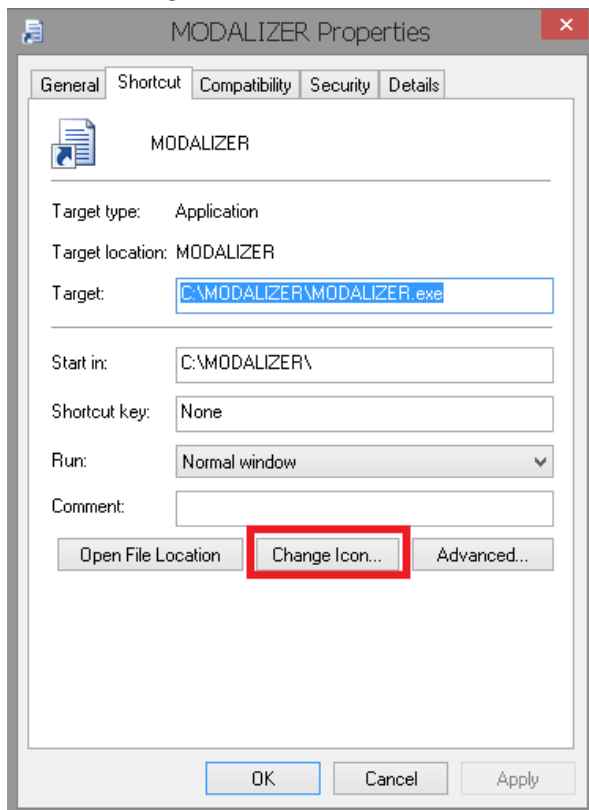


Also you can change desktop shortcut layout by selecting another icon:

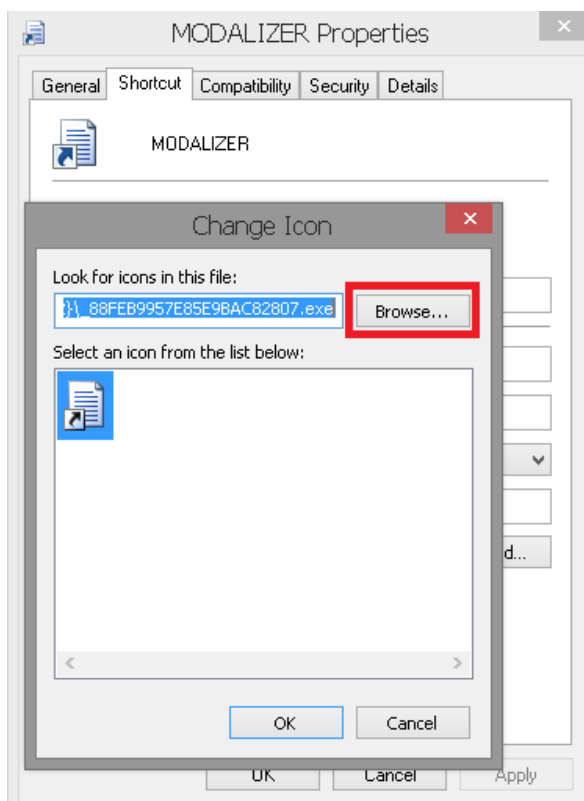
1. Right-click on MODALIZER shortcut and select "Properties"



2. Click "Change icon":

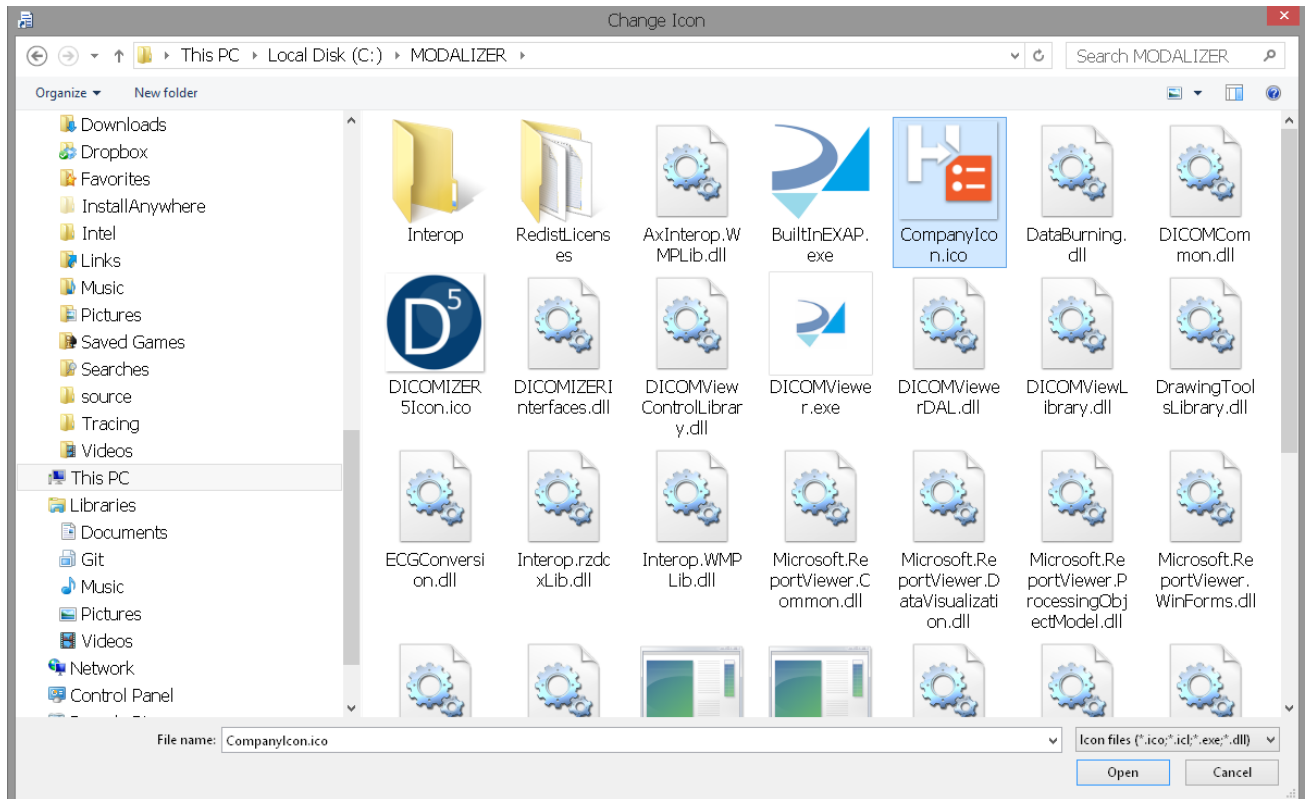


3. Click "Browse"



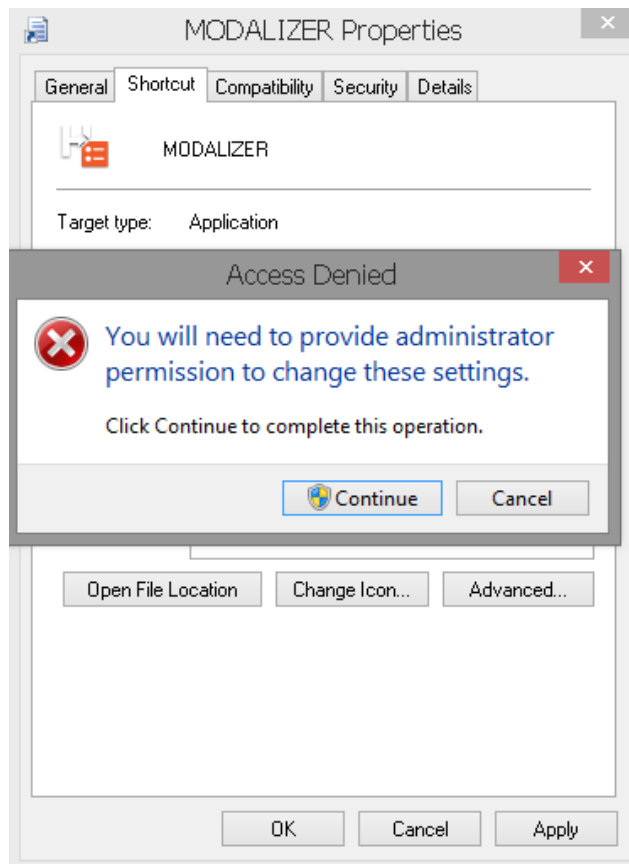


4. Navigate to MODALIZER installation folder and select CompanyIcon.ico file:



5. Click "OK" in "Change icon" screen and "Apply" on Properties screen.

NOTE: You must have Administrator permissions to complete operation:



If icon has been changed successfully, you desktop shortcut will look like:

