Practice Management Bridge

User manual



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PRACTICE MANAGEMENT BRIDGE

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Presentation

The Practice Management Bridge application allows you to interface a Practice Management Software (PMS) to the application directly to the image management: acquisition, elaboration, printing and so on.

Warning
If you use this bridge application, we are not responsible for organizing images. It's the responsibility of the Practice Management application to organize properly the database. If you use the bridge application, the application itself is not anymore CE certified because you are not using the full application workflow.

Introduction

If you want to use the PMB (Practice Management Bridge) you need to follow these steps:

1. Install the full software.
2. Run the software.
3. Allow the software to create the database.
4. Insert the Clinic name and address for the license validation.
5. Configurate the acquisition device and test them.

At the end of this process you will have the application installed and configurated.

The PMB is a shortcut to integrate the image management in the master application when it doesn't have an image management procedure.

How to use the bridge

When you install the full application, you will find an exe module "**BridgeToImages.exe**" in the startup application folder. You can locate the startup folder using the right mouse click on the desktop icon then click on "Open file location".

This application is the bridge between the PMS and the image module of the application. Please don't move this file in a different folder. If you move it, it doesn't work.

The PMB need some parameter by the command line.

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Command line parameters

The required parameter by the PMB application are:

FIRSTNAME: Patient's first name (mandatory)

LASTNAME: Patient's last name (mandatory)

BDATE: Patient's date of birth (mandatory)

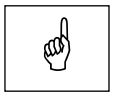
CODE: Patient's code

SEX: Patient's sex (mandatory)

FOLDERNAME: Name of the folder where to store and to retrieve the images. (mandatory)

INTERFACE: Setting for PMB visualization

MAINDATABASE: Name of the file of the main database. (mandatory)



Note
All these parameters need to be sent in ANSI mode. Unicode is not allowed.

You can send the parameters in any sequence. If you don't have all the fields information you can compile only the mandatory fields.

Fields description

The required fields are needed to create the dicom tags of the acquired images and to use the devices. For example: dicom printer, pacs, etc.

FIRSTNAME.

This is the first name of the patient.

LASTNAME.

This is the last name of the patient.

BDATE.

This is the Patient's date of birth. We strongly suggest you to use the date format: DD/MM/YYYY or YYYY/MM/DD (dicom compliant).

SEX.

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This is the Patient's sex. You can use: M (for male), F (for female) or O (for other).

CODE.

This is Patient's code. The patient code could be a combination of number and letters. The maximum size is 20 characters.

FOLDERNAME.

This is the folder name where to store and to retrieve the images, for example C:\Images\Patient1. Each patient must have a different folder name. If you use the same folder name for more patient, the result will be image mixing. The PMB will try to create the folder if it doesn't exists. We recommend you to create the folder in the PMS before calling the PMB.



Warning
To avoid any image mixing, please pay attention to the folders organization.

You can also use a network address as FOLDERNAME. For example: \\Server\Database\Images\Pat01.

INTERFACE.

This is the option to define how to show the PMB.

There are 3 options: 0, 1, 2 (all numeric).
If you set a different option, number "0" will be used.

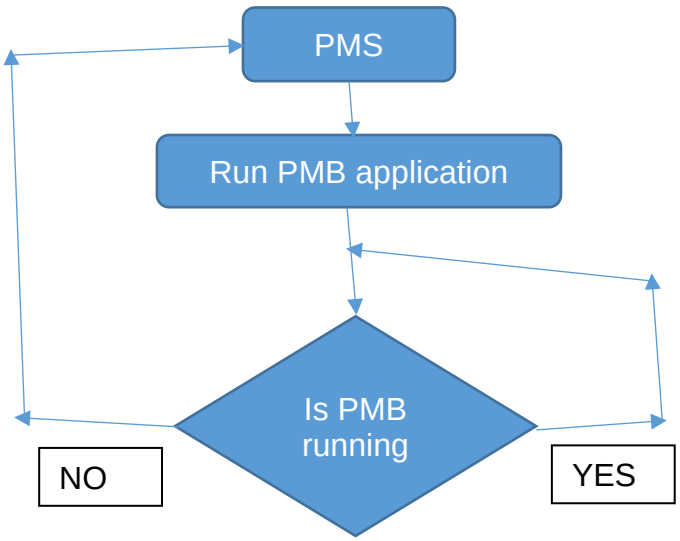
Option 0.

The PMB stay always visible until the image module is active. This option is useful for debug. You can also see a log inside this window.

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Option 1.

The PMB stay always active but invisible until the image module is active. This option is useful for PMS to wait until the PMB is running.



Option 2.

The PMB will run the image module and immediately close itself (PMB).

MAINDATABASE.

This is the name of the file of the main database. The file name could be mapped on a network or a local file. This database is the one where are stored the device setting for: RIS, PACS, Dicom printers and other option. The PMS cannot write inside this database. To change the contents of the database you need to use the full application.

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Sample interface

When you want to use the PMB application, you need to send the parameters through the command line. The parameters must be included in quotation marks.

<App Folder name>\BridgeToImages.exe "LASTNAME=Smith;FIRSTNAME=John;BDATE=28/04/2010;SEX=M;CODE=123456;FOLDERNAME=C:\ArchiMED\DBImages\200;INTERFACE=0;MAINDATABASE=C:\ArchiMED\Database\Main Database.adb"

Each field identifier as to be terminated “=” and separated by semicolon (;).

LASTNAME=Smith;FIRSTNAME=John;

The PMB will analyze the command line and will process the request.

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