

# **eHIS 10.2.6**

## **Capture Patient Photo**

### **Installation and Setup Instructions**

Ver 1.0

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## Table of Contents

|    |                                   |   |
|----|-----------------------------------|---|
| 1. | Introduction .....                | 4 |
| 2. | Photo Capture objects .....       | 4 |
| 3. | Installation .....                | 4 |
| 4. | Initialize Property Setting ..... | 4 |
| 5. | Image Viewer Applet.....          | 6 |

## 1. Introduction

This document covers in detail about the steps involved in installing the eHIS Photo capture control.

## 2. Photo Capture objects

The following files are supplied as the eHIS Photo Capture Objects.

- IBAPhotoCapCtrl.ocx
- IBAPhotoCap.ini
- GdiPlus.dll

Download/copy the files to the respective photo capturing client PC.

## 3. Installation

- Install the Camera Driver

Install the necessary web camera to be used. Follow its respective manual for installing its driver. Ensure the camera is functioning properly after the installation.

*Note: You can use Windows Netmeeting or the respective web camera's test applications (if provided).*

- Install IBA ActiveX Control

Go the locally copied photo capture objects directory and register the ActiveX Control as follows:

***regsvr32 IBAPhotoCapCtrl.ocx***

Ensure the ActiveX is registered successfully. This should be done with a user who is having Administrator privileges.

- Setup the initialize file

Copy the *IBAPhotoCap.ini* file to C:\WINNT or C:\WINDOWS directory as applicable. Further edit and change the initialize property settings. The information about each property setting is explained detail later in the **section 4** of this document.

- Check system file

Check the availability of the system file *GdiPlus.dll* in the directory C:\WINNT\System32 or C:\WINDOWS\System32. If not available, copy the supplied system file *GdiPlus.dll* to that directory.

## 4. Initialize Property Setting

The following is the typical INI file setting for eHIS 10.2.6 Photo Capture.

```
[Settings]
ConnectionString=Provider=OraOLEDB.Oracle.1;Persist Security Info=False;User
ID=appluser;password=appluser;Data Source=SHDB
```

```
LocalPath=c:\IBA\photos
storetoDB=true
patFolder=C:\IBA\photos
Debug=false
photo_table=MP_PATIENT_PHOTO
photo_column=PAT_PHOTO_BLOB
photo_table_pk=PATIENT_ID
patient_table=MP_PATIENT
Patient_ID_Len=10
```

eHIS 10.2.6 Photo Capture ActiveX reads this initialize configuration file every time during the start up of ActiveX. The initialize parameter configurations are explained below:

### ConnectionString

eHIS 10.2.6 photo capture ActiveX control connects to the IBA database via OLE DB provider for Oracle. This *ConnectionString* hold its respective parameters for it. Set the user id and password along with the Data Source name.

Ensure the following:

- The Oracle TNS entry is available for the configured Data Source name.
- The user id and password is valid and having access to the configured IBA Patient table and Patient Photo table(*see below for the table configuration*).
- User ID - This should be the same user that is configured in SM\_DB\_INFO table, which is APPLUSER.
- Password - This should be the same password for APPLUSER.
- Data Source - This is the TNSNAME entry that is used to connect to the desired database.

### LocalPath

eHIS 10.2.6 photo capture requires some local folder for creating its temporary files. The path specified in the INI file (can be changed as required) should be created in the local PC and is used for the same. It is also used to create the log file *IBAPhotoCap.log*.

### storetoDB

eHIS 10.2.6 photo capture has an option of storing the captured photo files either into database or into file system. Setting the parameter as **TRUE** will store in the database and **FALSE** will store in the file system.

### patFolder

eHIS 10.2.6 photo capture stores the captured photo files to the specified location in this parameter. Provided the configuration parameter *storetoDB* is set to false.

### Debug

eHIS 10.2.6 photo capture has an option to log the debug messages. Setting the parameter as **TRUE** will enable logging and **FALSE** will disable logging. It logs to the file *IBAPhotoCap.log*.

*The following configuration parameters specify the eHIS 10.2.6 photo capture about the details of eHIS 10.2.6 Patient and Photo Table.*

### patient\_table

Set the Patient table name used in IBA database

**photo\_table**

Set the Patient photo table name used in IBA database

**photo\_column**

Set the Photo column name of patient photo table used in IBA database

**photo\_table\_pk**

Set the Primary key column name of the patient photo table used in IBA database

**Patient\_ID\_Len**

Set the Patient ID length as used in the application

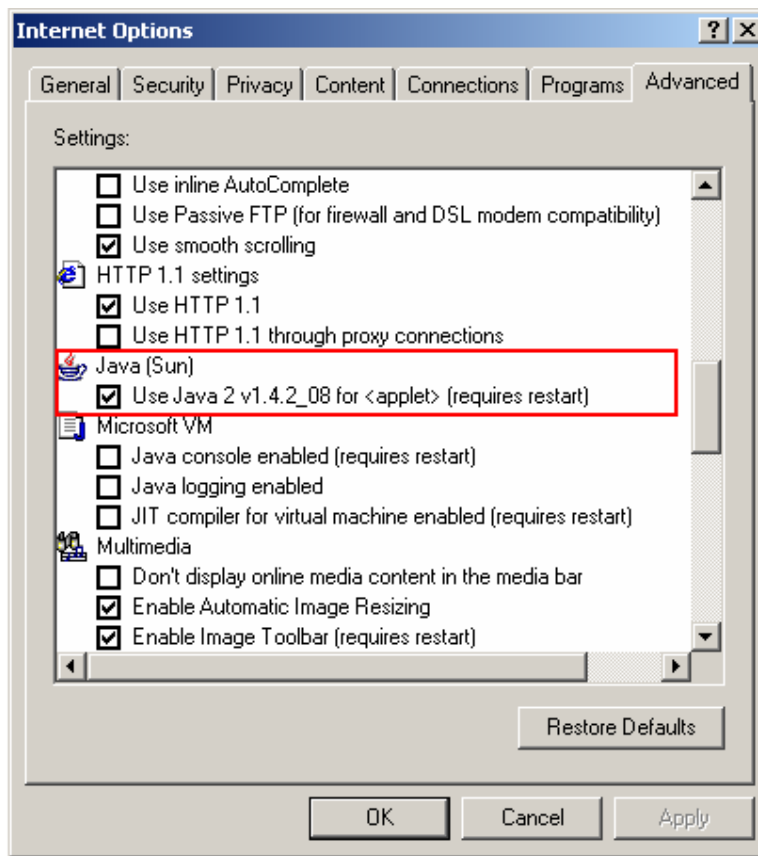
## 5. Image Viewer Applet

Even though the Image is captured using the IBA Photo Capture ActiveX, it is viewed using the eHIS 10.2.6 Image Viewer Applet.

The following gives a brief introduction and setup information of Image Viewer Applet.

- This Image Viewer Applet requires JRE 1.3 or above to be installed and set as default in the IE browser Internet Options.

The following picture shows a typical setup.



- Ensure the image viewer applet required files are dispatched along with the MP module. They are applet folder under eMP and a base64 jar file under WEB-INF\lib folder.
- It requires a setup in SM\_DB\_INFO also, provided old patient files are available in file system. For that create a folder say *pat\_photo* under the Application Server WEB folder and move all the existing files under that. And update the SM\_DB\_INFO.PAT\_PHOTO\_HTTP\_PATH column as *pat\_photo\*

Ensure the patient photo file name is as same as the patient id.