

This document describes MAG*3.0*264, a patch providing fixes to VistA Imaging Clinical Capture. This patch addresses the following issue(s):

The .jpeg file extension needs to be added to VistA Image Capture for a COVID-19 telehealth mitigation.

Patch Components:

Files & Fields Associated:

File Name (Number)	Field Name (Number)	New/Modified/Deleted
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N/A		

Forms Associated:

Form Name	File Number	New/Modified/Deleted
-----	-----	-----
N/A		

Mail Groups Associated:

Mail Group Name	New/Modified/Deleted
-----	-----
N/A	

Options Associated:

Option Name	Type	New/Modified/Deleted
-----	----	-----
N/A		

Protocols Associated:

Protocol Name	New/Modified/Deleted
-----	-----
N/A	

Security Keys Associated:

Security Key Name

N/A

Templates Associated:

Template Name	Type	File Name (Number)	New/Modified/Deleted
-----	----	-----	-----
N/A			

Remote Procedures Associated:

Remote Procedure Name	New/Modified/Deleted
-----	-----
N/A	

Parameter Definitions Associated:

Parameter Name	New/Modified/Deleted
-----	-----
N/A	

Additional Information:

Blood Bank Team Coordination:
N/A

New Service Requests (NSRs):
N/A

Patient Safety Issues (PSIs):
N/A

Defect Tracking System Ticket(s) & Overview:

Defect 1264842 (Trouble Ticket INC10732296) Add a .jpeg file extension to Vista Image Capture

Problem:

The request is to add .jpeg as a capturable file extension to Vista Image Capture for a COVID-19 mitigation. This is a national telehealth program COVID-19 initiative.

Resolution:

Updated the Vista Imaging Capture client to accept an additional file type of .JPEG as part of the capture process selected for storage. The code change will allow the user to select files of type (.JPG, .JPEG, and TIF) for capture.

Test Site:

VA Healthcare Network Upstate New York (Albany, NY)

Software and Documentation Retrieval Instructions:

The software for this patch is being released using a host file. The host file is available at the following location: /srv/vista/patches/SOFTWARE/MAG3_OP264.KID

Other Software Files:

This release also includes other software files. These files can be obtained by accessing the URL: <https://download.vista.med.va.gov/index.html/SOFTWARE>

File Title	File Name
Kernel Installation and Distribution System (KIDS) build for MAG*3.0*264	MAG3_OP264.KID
Vista Imaging Capture client installation file - New	MAG3_OP264_Clinical_Capture_Setup.exe
Vista Imaging Clinical Capture push installation file	MAG3_OP264_Clinical_Capture_Install.msi

Documentation Title	File Name
Patch Description for MAG*3.0*264	MAG3_OP264_Patch_Description.pdf
Deployment, Installation, Back-Out, and Rollback Guide	MAG3_OP264_DIBORG.pdf

Patch Installation:

Supported Client Versions:

When MAG*3.0*264 is released, the list of supported versions of Clinical Capture will change:

Client Versions Supported:

- 3.0.264
- 3.0.226
- 3.0.233

Client Versions No Longer Supported:

- 3.0.223
- 3.0.215
- 3.0.211

Pre/Post Installation Overview:

MAG*3.0*264 must be installed on the Vista System and on 64-bit workstations on which the Vista Imaging Applications will be used. This patch must be installed by the compliance date.

Pre-Installation Instructions:

This patch may be installed with users on the system although it is recommended that it be installed during non-peak hours to minimize potential disruption to users. This patch should take less than five minutes to install.

Verify that the previous patch in the Supported Client Versions section has been installed.

Note: All released Vista Imaging patches must be installed on the Vista system before installing this patch.

Installation Instructions:

1. Use the Load a Distribution option contained on the Kernel Installation and Distribution System Menu to load the Host file.

When prompted to "Enter a Host File:" enter
/srv/vista/patches/SOFTWARE/MAG3_0P264.KID

2. From the Kernel Installation and Distribution System Menu, select the Installation Menu. From this menu:

- A. Select the Verify Checksums in Transport Global option to confirm the integrity of the routines that are in the transport global. When prompted for the INSTALL NAME, enter the patch or build name (ex.<MAG*3.0*264>).

NOTE: Using <spacebar><enter> will not bring up a Multi-Package build even if it was loaded immediately before this step. It will only bring up the last patch in the build.

- B. Select the Backup a Transport Global option to create a backup message of any routines exported with this patch. It will not backup any other changes such as DDs or templates.

- C. You may also elect to use the following options:

- i. Print Transport Global - This option will allow you to view the components of the KIDS build.

ii. Compare Transport Global to Current System - This option will allow you to view all changes that will be made when this patch is installed. It compares all components of this patch, such as routines, DDs, templates, etc.

- D. Select the Install Package(s) option and choose the patch to install.
- i. If prompted 'Want KIDS to Rebuild Menu Trees Upon Completion of Install?,' answer NO.
 - ii. When prompted 'Want KIDS to INHIBIT LOGONs during the install?,' answer NO.

KIDS Installation Example:

```
-----  
Select Installation <TEST ACCOUNT> Option: 6 Install Package(s)  
Select INSTALL NAME: MAG*3.0*264      12/19/19@10:14:39  
=> Vista Imaging 3.0 - Patch 264 ;Created on Dec 09, 2019@20:45:05
```

```
This Distribution was loaded on Dec 19, 2019@10:14:39 with header of  
Vista Imaging 3.0 - Patch 264 ;Created on Dec 09, 2019@20:45:05  
It consisted of the following Install(s):  
MAG*3.0*264  
Checking Install for Package MAG*3.0*264
```

Install Questions for MAG*3.0*264

```
Want KIDS to INHIBIT LOGONs during the install? NO//  
Want to DISABLE Scheduled Options, Menu Options, and Protocols? NO//
```

```
Enter the Device you want to print the Install messages.  
You can queue the install by enter a 'Q' at the device prompt.  
Enter a '^' to abort the install.
```

DEVICE: HOME// HERE

```
Install Started for MAG*3.0*264 :  
Dec 19, 2019@10:14:53
```

Build Distribution Date: Dec 09, 2019

```
Installing Routines:..  
Dec 19, 2019@10:14:53
```

Running Post-Install Routine: POS^MAGIP264.

Post Install Mail Message: Dec 19, 2019@10:14:53

```
Updating Routine file.....
```

```
Updating KIDS files.....
```

```
MAG*3.0*264 Installed.  
Dec 19, 2019@10:14:53
```

Vista Imaging Clinical Capture Client Installation Instructions

Note: The Vista Imaging Capture Application is only supported on Windows 7 and 10 operating systems. Other operating systems are not officially supported.

Vista Imaging Capture is distributed as an MSI and EXE installation. The MSI is intended for sites that want to do a push installation (using SCCM or another tool). The EXE is intended for use to install on a single workstation.

The MAG3_OP264_Clinical_Capture_Setup.exe file can be installed manually on workstations as described in the Single Workstations Installation section in the VistA Imaging System Installation Guide.

Post-Installation Instructions:
N/A

Back-Out/Roll Back Plan:

Uninstalling the Application:

If it is necessary to uninstall the MAG*3.0*264 client, use the Uninstall option from Programs within the Windows Control Panel to uninstall: VistA Imaging Clinical Capture.

Then install the previous version of Clinical Capture which was included in MAG*3.0*226.

Uninstalling KIDS:

If it is necessary to uninstall the MAG*3.0*264 VistA KIDS, select the Kernel Installation & Distribution System menu option, **Backup a Transport Global**. See section 4.8.1, item 4c of the Deployment, Installation, Back-Out, Rollback Guide.

Administrators will need to use the PackMan function INSTALL/CHECK MESSAGE. Check the MailMan messages for the backup message sent by the **Backup a Transport Global** function executed prior to the patch install.

1. Select the message shown below:
Backup of MAG*3.0*264 install on <mm, dd, yyyy> <username>
2. Select the Xtract PackMan option.
3. Select the Install/Check Message option.
4. Enter **Yes** at the prompt.
5. Enter **No** at the backup prompt. There is no need to back up the backup.

Enter message action (in IN basket): Ignore// Xtract PackMan

Select PackMan function: ?

Answer with PackMan function NUMBER, or NAME

Choose from:

- | | |
|---|-----------------------------|
| 1 | ROUTINE LOAD |
| 2 | GLOBAL LOAD |
| 3 | PACKAGE LOAD |
| 4 | SUMMARIZE MESSAGE |
| 5 | PRINT MESSAGE |
| 6 | INSTALL/CHECK MESSAGE |
| 7 | INSTALL SELECTED ROUTINE(S) |
| 8 | TEXT PRINT/DISPLAY |
| 9 | COMPARE MESSAGE |

Select PackMan function: Select PackMan function: 6 INSTALL/CHECK MESSAGE

Warning: Installing this message will cause a permanent update of globals and routines.

Do you really want to do this? NO// YES<Enter>

Routines are the only parts that are backed up. NO other parts are backed up, not even globals. You may use the **Summarize Message** option of PackMan to see what parts the message contains. Those parts that are not routines should be backed up separately if they need to be preserved.

Shall I preserve the routines on disk in a separate back-up message? YES// NO

No backup message built.

Line 2 Message #43934 Unloading Routine MAGXXXX (PACKMAN_BACKUP)

Select PackMan function:<Enter>

Routine Information:

This section lists modified routines for the VistA KIDS build. For each routine, the second line will contain the following information:

; ;3.0;IMAGING;**[Patch List]**; Mar 19, 2002;Build 1;Feb 15, 2017

CHECK1^XTSUMBLD is used to generate the checksums.

Routine Checksums

Routine	Checksum Before	Checksum After	Patch List
MAGIP264	New	4110421	**264**
MAGGTU4C	4965467	4973905	**93,94,106,117,122,129,140,151, 178,189,211,215,223,233,226,264**

Routine MAGIP264 is an installation routine that is automatically deleted after the KIDS installation.