



**Patch 155  
MAG Index Terms Update  
Patch Description**

**VistA Imaging  
MAG\*3.0\*155  
December 2014**

Department of Veterans Affairs  
Office of Enterprise Development  
Health Provider Systems

**MAG\*3.0\*155 Patch Description  
December 2014**

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VistA Imaging Office of Enterprise Development  
Department of Veterans Affairs

Internet: <http://www.va.gov/imaging>

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Revision Table

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1.1	September 25, 2014	Edits	Stacey Marner
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1.3	October 10, 2014	Edits	Stacey Marner
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1.5	November 6, 2014	Updated Checksum	Stacey Marner
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# Patch MAG\*3.0\*155 Overview

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The MAG Index Terms are used in VistA Imaging Capture to index images, which allows clinicians to apply sort filters when viewing or researching images. Sites must have the most recent Index Terms, otherwise they might encounter issues when images are viewed across sites or the Veterans Integrated Service Network (VISN).

MAG\*3.0\*155 will update the current MAG VistA Imaging Index Term files for the Veterans Health Administration (VHA) and Indian Health Service (IHS) sites accordingly.

The MAG\*3.0\*155 is a MAG Index Term update patch which will add:

- 1) New Procedure/Event: CT Angiography  
Abbreviation: CTA  
Specialty: Radiology
- 2) New Specialty: Sleep Medicine  
Abbreviation: Sleep  
Associate with existing Procedure/Events: Visit and Sleep Study
- 3) Existing Procedure/Event: Acupuncture  
Add to Specialty: Chiropractic
- 4) Existing Procedure/Event: IV  
Add to Specialty: Radiology

## Distribution of Software

The release build of this patch can be downloaded from the FTP folder. Installation instructions are included in this document.

To obtain MAG\*3.0\*155 files, use File Transfer Protocol (FTP) to retrieve MAG3\_0P155.KID in ASCII mode from one of the following OI Field Offices' ANONYMOUS.SOFTWARE directories:

OI Field Office	FTP Address	Directory
Albany	<a href="ftp.fo-albany.med.va.gov">ftp.fo-albany.med.va.gov</a>	anonymous.software
Hines	<a href="ftp.fo-hines.med.va.gov">ftp.fo-hines.med.va.gov</a>	anonymous.software
Salt Lake City	<a href="ftp.fo-slc.med.va.gov">ftp.fo-slc.med.va.gov</a>	anonymous.software

**NOTE:** Any late-breaking news about this patch will be found in a README file.

### **Patch Contents**

This section provides information about the files this patch includes.

### **Software**

MAG3\_0P155.KID will be installed on the VA VistA/IHS RPMS database.

### **Documentation**

This document, MAG3\_0P155\_Patch\_Description.pdf, provides an overview, explains the changes, and outlines the installation for this patch.

### **Associated Patches**

This patch must be installed after MAG\*3.0\*123 or later.

### **Test Sites**

The following sites are test sites for this patch:

- Fayetteville. NC VA Medical Center, (Large)
- Philadelphia, PA VA Medical Center (Large)

### **Remedy Calls**

The following Remedy help desk call is addressed in this patch:

- INC000001044194: Please create the following as a new Index Term Patch (MAG).

### **NSRs**

There are no New Service Requests (NSRs) addressed in this patch.

# Patch MAG\*3.0\*155 Changes

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## Mail Groups

There are no new or modified mail groups in this patch.

## Security Keys

There are no new or modified security keys included in this patch.

## Remote Procedure Calls

There are no new or modified remote procedure calls in this patch.

## Menu Options

There are no new or modified menu options in this patch.

## Data Dictionaries

There are no new or modified data dictionaries in this patch.

## Routines

There is only one post-install routine introduced in this patch.

Checksum values are calculated using the kernel utility program CHECK1^XTSUMBLD.

Routine Name	Checksum Before	Checksum After	Patch List
MAGIP155	None	25157718	**155**

Routine MAGIP155 is a post-install routine and is deleted after the KIDS install.

## Protocols

There are no new or modified protocols in this patch.

## Templates

There are no new or modified templates in this patch.

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# Installation

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## Installation Planning

This patch must be installed by the compliance date to conform with VHA Directive 2001-023.

**NOTE:** All sites running VistA Imaging 3.0 must install the KIDS portion of this patch.

The time that it will take to install the various components of this patch is as follows:

- Installing the KIDS takes approximately 2 minutes.
- Take time to write down the restore code for the restoring backup purpose during KIDS installation (e.g., Restore Code: 5462942169), also in VistA e-mail.
- Take time to review the installation instructions in this document before beginning the installation.

Users may be on the system during installation.

## Installation Prerequisites

Users can download the patch installation files from the OI Field Office Anonymous FTP sites. All instructions in this section assume that the distribution files for this patch have been copied to a local storage location. For the list of distribution files for this patch, see Page 1.

## Installing the VistA/RPMS System (KIDS)

Installing the MAG\*3.0\*155 involves installing the file MAG3\_0P155.KID on the VistA or RPMS system.

Before installing the file, all released patches, including the patches listed in, the Associated Patches section on Page 2 must be installed (i.e., MAG\*3.0\*123). Please verify with your VistA Imaging coordinator or VistA/RPMS Administrator.

## Installing the KIDS Package

To install the KIDS package:

1. Access the Kernel Installation and Distribution System Menu [XPD MAIN].
2. Run the installation option [XPD INSTALLATION MENU].
3. Load the KIDS file by performing the following steps:
  - a. Run the #1 Load a Distribution [XPD LOAD DISTRIBUTION] option to load the KIDS distribution.
  - b. When prompted, enter the full path and file name (MAG3\_0P155.KID) that you downloaded from the OIFO FTP server.
  - c. When prompted to continue with the load, enter “YES”. A message will be displayed when the load is complete.
4. Install the KIDS files by performing the following steps:
  - a. Run the Install Package(s) [XPD INSTALL BUILD] option.
  - b. When prompted for the install name, enter MAG\*3.0\*155.
  - c. Answer NO to the following prompts, if they appear:

Want KIDS to INHIBIT LOGONs during the install? No//NO

Want to DISABLE Scheduled Options, Menu Options, and Protocols? No//NO

Want KIDS to Rebuild Menu Trees Upon completion of Install? No//NO

5. After performing the environmental check steps, PRE^MAGIP155, the MAG Index Terms update will continue after the user enters “Y” for yes or press <Enter> for the following confirm step to generate a restore code for the restore/backup old MAG Index terms.
  - a. Update Imaging Index Terms with the latest Distribution (Y/N)?
  - b. Have the **restore code** available. (It will be mailed to the person responsible for installing MAG\*3.0\*155.)

```
Running Pre-Install Routine: PRE^MAGIP155.  
Update Imaging Index Terms with the latest Distribution (Y/N)? Y// ES  
Backup***  
Restore Code: 5462942169  
  
Installing Data Dictionaries: .....  
Dec 05, 2014@10:30:35  
  
Installing Data:  
Dec 05, 2014@10:30:35  
  
Running Post-Install Routine: POS^MAGIP155.  
Post Install Mail Message: Dec 05, 2014@10:30:36  
  
Updating Routine file.....  
Updating KIDS files.....
```

6. When the installation has finished, an Install Completed message will be displayed.

## KIDS Installation Example

This example shows the output when the KIDS file is installed for the first time. If you have already installed the patch and are installing the KIDS file in a namespace on which it has previously been installed, your output may be different.

```
1      Load a Distribution
2      Verify Checksums in Transport Global
3      Print Transport Global
4      Compare Transport Global to Current System
5      Backup a Transport Global
6      Install Package(s)
      Restart Install of Package(s)
      Unload a Distribution
```

```
Select Installation <TEST ACCOUNT> Option: 1  Load a Distribution
Enter a Host File: MAG3_0P155.KID
```

```
KIDS Distribution saved on Sep 16, 2014@12:30:26
Comment: MAG*3.0*155 MAG_INDEX_TERMS UPDATE OCT 2014
```

```
This Distribution contains Transport Globals for the following Package(s):
MAG*3.0*155
Distribution OK!
```

```
Want to Continue with Load? YES// YES
Loading Distribution...
```

```
MAG*3.0*155
Use INSTALL NAME: MAG*3.0*155 to install this Distribution.
```

```
1      Load a Distribution
2      Verify Checksums in Transport Global
3      Print Transport Global
4      Compare Transport Global to Current System
5      Backup a Transport Global
6      Install Package(s)
      Restart Install of Package(s)
      Unload a Distribution
```

```
Select Installation <TEST ACCOUNT> Option: 6  Install Package(s)
Select INSTALL NAME: MAG*3.0*155      12/9/14@15:45:47
=> MAG*3.0*155 MAG_INDEX_TERMS UPDATE OCT 2014 ;Created on Sep 16, 2014@
```

```
This Distribution was loaded on Dec 09, 2014@15:45:47 with header of
MAG*3.0*155 MAG_INDEX_TERMS UPDATE OCT 2014 ;Created on Sep 16, 2014@12:30:26
It consisted of the following Install(s):
MAG*3.0*155
```

```
Checking Install for Package MAG*3.0*155
Install Questions for MAG*3.0*155
```

```
Incoming Files:
```

```
2005.82 IMAGE INDEX FOR CLASS (including data)
Note: You already have the 'IMAGE INDEX FOR CLASS' File.
I will OVERWRITE your data with mine.

2005.83 IMAGE INDEX FOR TYPES (including data)
Note: You already have the 'IMAGE INDEX FOR TYPES' File.
I will OVERWRITE your data with mine.

2005.84 IMAGE INDEX FOR SPECIALTY/SUBSPECIALTY (including data)
Note: You already have the 'IMAGE INDEX FOR SPECIALTY/SUBSPECIALTY' File.
I will OVERWRITE your data with mine.

2005.85 IMAGE INDEX FOR PROCEDURE/EVENT (including data)
Note: You already have the 'IMAGE INDEX FOR PROCEDURE/EVENT' File.
I will OVERWRITE your data with mine.

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*155 :
      Dec 09, 2014@15:46:09

Build Distribution Date: Sep 16, 2014

Installing Routines:..
      Dec 09, 2014@15:46:09

Running Pre-Install Routine: PRE^MAGIP155.
Update Imaging Index Terms with the latest Distribution (Y/N)? Y// ES
backup****

Restore Code: 5489048772

Installing Data Dictionaries: .....
      Dec 09, 2014@15:46:12

Installing Data:
      Dec 09, 2014@15:46:13

Running Post-Install Routine: POS^MAGIP155.

Post Install Mail Message: Dec 09, 2014@15:46:14

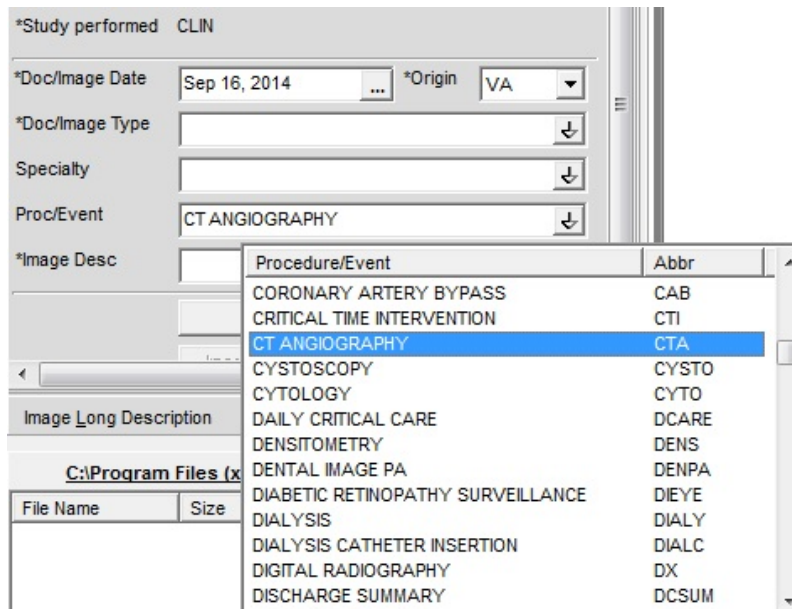
Updating Routine file.....

Updating KIDS files.....

MAG*3.0*155 Installed.
      Dec 09, 2014@15:46:1
```

MAG\*3.0\*155 installation is complete.

**NOTE:** For a VHA VistA site, make sure the new CT Angiography (CTA) is displayed on the Imaging Capture Application (Procedure/Event) listing after MAG\*3.0\*155 is installed (e.g., Sleep Medicine, Chiropractic/Acupuncture, IV/Radiology, etc.).



**NOTE:** For an IHS RPMS site, make sure the Image Index Type CCD-Summary is still active.

### Uninstalling VistA Imaging MAG\*3.0\*155

**NOTE:** MAG\*3.0\*155 only comes with a KIDS update; there is not a Client APP update.

If the KIDS installation fails and it becomes necessary to uninstall MAG\*3.0\*155, use the following uninstall instructions. Please follow the restore procedures to restore the Index Terms files (see MAG\*3.0\*61 Patch Description - Rolling Back a File Update).

Go to the MAG SYS MENU: Imaging System Manager Menu→IX Image Index Conversion Menu...→UTIL Conversion Utilities...→IDXR Image Index Terms Restore.

The menu choices will be displayed as shown below.

```

MAG SYS MENU      Imaging System Manager Menu

HL7  Imaging HL7 Messaging Maintenance ...
IX   Image Index Conversion Menu ...
LS   Edit Network Location STATUS
TR   Telereader Menu ...
     Ad hoc Enterprise Site Report
     Configure AE Security Matrix Settings
     Delete Image Group
     . . .
     Importer Menu ...
     Track Offline Jukebox Images

```

Next, select the Imaging System Manager Menu Option: **IX Image Index Conversion Menu...**(shown above) and then select the Image Index Conversion Menu Option: **UTIL Conversion Utilities...** (shown below).

```

GEN  Generate Image Indices
EXP  Export Image Index Data
RPT  Print Image Index Report
COMM Commit Image Indices
UTIL Conversion Utilities ...
VAL  Image Index Validate Menu ...

```

Then, select the Conversion Utilities Option: **IDXR Image Index Terms Restore.**

```

SET  File Setup
MAP  Mapping File Edit
INDX Image Index Edit
STAT View Conversion Status
IDXU Image Index Terms Update
IDXR Image Index Terms Restore
IDXS Image Index Specialty/Subspecialty Status
IDXP Image Index Procedure/Event Status

```

To Undo the Index Term updates and restore this site's Index Term files, use the Restore Code that was included in the last INDEX TERMS UPDATE.

```

Enter Restore Code: xxxxxxxxxx
Continue to restore Index Terms? N// YES
Done.

```