Installation Manual

VistA Innovations I873

# Overview

VistA innovation I873 has the goals of completing the features introduced in MAG\*3.0\*138 supporting the anatomic pathology VistA features. These include managing the workflow between referrals and consults, and reporting functions between the interacting sites. The additional features included improvements and extensions of existing functionality.

The I873 software must be installed on top of the P138 release on the following three layers:

* Persistence layer (M) -- KIDS package (MAG3\_0I873.KID)
* Business layer (java) -- VIX upgrade, on top of P138 VIX
* Presentation (.NET C#) – Telepathology Client Applications

## Steps in the Installation Process

To install MAG\*3.0\*873, perform these steps in this order:

1. Verify that MAG\*3.0\*138 is installed.
2. Install the MAG\*3.0\*873 KIDS package on the VistA system following the  [*KIDS package Installation*](#_KIDS_package_Installation) section in this document.
3. If your site has not used the Laboratory package, configure users with the proper keys and permissions. See the [*User Permission Requirements*](#_User_Permission_Requirements) section for the keys that different types of users would need.
4. Install the VIX upgrade on top of the existing and functioning P138 VIX following the [*VIX Upgrade*](#_VIX_Upgrade) steps in this document.
5. [Install the Telepathology client applications](#_Client_Components_Installation) on the client workstations following these steps after certain [Prerequisite step(s)](#_Prerequisites_for_the) on each Client node:
   1. Install the VistA Imaging Telepathology Configurator on the workstations that you plan to use to set up and manage the configuration parameters of the Telepathology applications. For instructions, see [*Installing the VistA Imaging Telepathology Configurator*](#_Installing_the_VistA) in this document.
   2. Install Vendor software. In I873 Phase 1 the Aperio ImageScope viewer application is the only choice – see the [*Aperio ImageScope Installation*](#_Aperio_ImageScope_Installation)section in this document.
   3. Install the VistA Imaging Telepathology Worklist Manager on the workstations that you plan to use to set up and manage the configuration parameters of the Telepathology applications. For instructions, see [*Installing the VistA Imaging Telepathology Worklist*](#_Installing_the_VistA_1)in this document.
6. [*Configure the Telepathology Worklist Application*](#_Configure_the_Telepathology) on the client workstation.

# KIDS package Installation

## Installation Prerequisites

1. Make sure that all released MAG\*3.0\*138 patch components are installed and functioning properly.
2. Download all required KIDS packages (if they are not installed already) before you start the installation process.
   1. Imaging KIDS packages (required)

MAG\*3.0\*127

MAG\*3.0\*34

MAG\*3.0\*116

MAG\*3.0\*118

MAG\*3.0\*119

MAG\*3.0\*138

* 1. Other Imaging KIDS packages

MAG\*3.0\*131

MAG\*3.0\*87

MAG\*3.0\*79

MAG\*3.0\*110

MAG\*3.0\*130

MAG\*3.0\*137

MAG\*3.0\*136

* 1. Lab patch

LR\*5.2\*433 – Needed to pass Anatomic Pathology event information to Imaging.

NOTE Sites that have the Cerner Anatomic Pathology application should not install LR\*5.2\*433. Installing LR\*5.2\*433 will break the Cerner Anatomic Pathology application.

* 1. Radiology patches

RA\*5.0\*116 – Needed for MAG\*3.0\*136 functionality

RA\*5.0\*113 – Needed for MAG\*3.0\*137 functionality

## Installing a KIDS Package

Follow these steps to install each KIDS package. This section describes the standard generic procedure for installing a KIDS package. Use the steps and the prompts in the installation script to install all KIDS packages.

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:
4. Run the Load a Distribution [XPD LOAD DISTRIBUTION] option to load the KIDS distribution.
5. When prompted, enter the path and file name (MAG3\_0I873.KID).
6. When prompted to continue with the load, enter YES. A “Distribution OK!” message will be displayed when the load is complete.
7. After you load the KIDS file, use the following options to verify the contents of the patch and to back up any affected routines.
8. Verify Checksums in Transport Global [XPD PRINT CHECKSUM] – Run this option if you want to ensure the integrity of the routines in the patch.
9. Compare Transport Global to Current System [XPD COMPARE TO SYSTEM] – Run this option if you want to view all changes that will be made when the patch is installed. All components (routines, options, and so on) in the patch will be compared.
10. Backup a Transport Global [XPD BACKUP] – Run this option if you want to create a backup message of any routines exported with the patch. The option will NOT back up any of the other changes.
11. After performing the load and any optional verification steps, install the KIDS file by performing the following steps:
12. Run the Install Package(s) [XPD INSTALL BUILD] option.
13. When prompted for the install name, enter MAG\*3.0\*873.
14. Answer NO to the following prompts, if they appear:

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

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

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

## User Permission Requirements

All users must have the VistA Imaging Telepathology Worklist Manager [MAGTP WORKLIST MGR] VistA menu option assigned to them as a secondary menu option to use the VistA Imaging Telepathology applications.

In addition to this option, users need the following security keys (at least):

|  |  |
| --- | --- |
| **Users need this security key** | **To** |
| MAG SYSTEM | Use the VistA Imaging Telepathology Configurator to configure the Telepathology applications (sites, templates and so on).  Use the VistA Imaging Telepathology Worklist. |
| LRLAB | Use the VistA Imaging Telepathology Worklist and read pathology reports. |

**Note:** Make sure the LRAPSUPER key is not assigned to regular users, just to a LAB administrator. It prevents the correct Edit Report locking function and various users/sites would be able to overwrite the same Case’s report!

# VIX Upgrade

You must install the MAG\*3.0\*873 upgrade after installing the MAG\*3.0\*873 KIDS package and before installing the VistA Imaging Telepathology Configurator and the VistA Imaging Telepathology Worklist.

The upgrade is a simple executable to be run on the host that has the P138 VIX installed. Here are the steps to follow:

1. Stop the VIX if it is running (Apache Tomcat 6.0 process in Services from Administrative tools of the Control Panel).
2. Download and run the VIX\_i873\_over\_VIX\_P138.msi. It will guide you through a simple InstallShield installation process with asking to click on Next and Install/Finish buttons. Check for the successful installation window before clicking on the Finish button!
3. Restart the VIX (Apache Tomcat 6.0 process in Services from Administrative tools of the Control Panel).

For information about installing a VIX for the first time, see the *VistA Imaging VIX Installation Guide* and the changes for the *VistA Imaging VIX Administration Guide and VistA Imaging VIX Installation Guide.*

# Client Components Installation

## Prerequisites for the I873 Clients

This section requires keeping the Control Panel – Administrative Tools – Services open and refreshed after each of the following steps:

1. If an earlier than ***30.0.873.x*** version of ***Vista Imaging Telepathology Configurator*** or the ***Vista Imaging Telepathology Worklist*** service is installed on the host, please remove them!
2. If an earlier than ***12.1.0.5029*** version of ***Aperio ImageScope*** service is installed on the host, please remove them!
3. Check if the ***Microsoft ASP.NET MVC 4 Runtime*** service is installed on the host; If NOT then download **dotNetFx40\_Client\_x86\_x64 .exe** and install it!
4. Check if ***Microsoft Visual C++ 2010 x86 Redistributable*** and ***Microsoft Visual C++ 2010 x64 redistributable*** services of ***10.0.40219 or higher*** are installed on the host; If NOT then download **vcredist\_x86.exe** and **vcredist\_x64 .exe** and install them!

## Installing the VistA Imaging Telepathology Configurator

Download and run **MAG3\_0i873\_TelepathologyConfiguratorSetup.exe**. Just Click on the Next> or Install buttons. Check for the successful installation window before clicking on the Finish button!

## Aperio ImageScope Installation

Download and run Image-Scope-Rev-v12.1.0.5029.exe Just Click on the Next> or Finished buttons.

## Installing the VistA Imaging Telepathology Worklist

Download and run **MAG3\_0i873\_TelepathologyWorklistSetup.exe**. Just Click on the Next> or Install buttons. Check for the successful installation window before clicking on the Finish button!

# Configure the Telepathology Worklist Application

Please see the Telepathology Configurator User Manual for I873!