



## Synapse Communications V3 Pulse Integration with PACS 5.x – Client Setup

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- ▶ *Install Plugin*
- ▶ *Configure Pulse Desktop Tray Application*
- ▶ *Connect the Pulse Plugin to Multiple Datasources*

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## Revision History

Date	Revision	Description
May 1, 2017	A	Initial document release
September 7, 2017	B	Update Sections 3 and 3.1 to include PACS v5.4 option.
September 27, 2018	C	Added Section 5 to include multiple datasource support instructions. Updated screenshots as needed.

## Table of Contents

<a href="#">1</a>	<a href="#">Introduction</a>	<a href="#">5</a>
<a href="#">2</a>	<a href="#">Overview</a>	<a href="#">6</a>
<a href="#">3</a>	<a href="#">Configure the PACS Server to Recognize Pulse Plugin</a>	<a href="#">6</a>
<a href="#">4</a>	<a href="#">Set up Pulse Desktop Agent Plugin – Client</a>	<a href="#">6</a>
<a href="#">4.1</a>	<a href="#">Install Plugin</a>	<a href="#">7</a>
<a href="#">4.2</a>	<a href="#">Configure Pulse Desktop Tray Application</a>	<a href="#">7</a>
<a href="#">5</a>	<a href="#">Connect the Pulse Plugin to Multiple Datasources</a>	<a href="#">8</a>
<a href="#">5.1</a>	<a href="#">Setup Prerequisites</a>	<a href="#">8</a>
<a href="#">5.2</a>	<a href="#">Upgrade Pulse Desktop Agent Plugin</a>	<a href="#">9</a>
<a href="#">5.3</a>	<a href="#">Configure the Pulse Plugin to Multiple Datasources</a>	<a href="#">10</a>
<a href="#">5.4</a>	<a href="#">Using Pulse Connected to Multiple Datasources</a>	<a href="#">11</a>

## 1 Introduction

This document is intended for a FUJIFILM Medical Systems U.S.A., Inc. (FUJIFILM) technical and professional services staging personnel, and others who have an interest in integrating Synapse Communications (SynComm) V3.x Pulse Desktop Agent plugin with PACS V5.2 or higher on the Client machine.

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For technical service or support, contact FUJIFILM at the following address or by calling the phone numbers listed below.

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**Synapse RIS Technical Assistance Center**

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**RIS Support Email**

[rissupport@fujifilm.com](mailto:rissupport@fujifilm.com)

## 2 Overview

This document describes how to integrate SynComm V3.x Pulse Desktop Agent plugin with PACS V5.2 or higher on the Client machine. This integration process may consist of the following sub-processes:

1. Install the Pulse Desktop Agent plugin.
2. Configure the Pulse Desktop Agent plugin.
3. Connect the Pulse Plugin to Multiple Datasources, if applicable.

## 3 Configure the PACS Server to Recognize Pulse Plugin

The PACS Server should already be configured to recognize the Pulse plugin prior to installing Pulse on the Client machine. If the PACS Server is not recognizing the plugin, contact FUJIFILM for support.

## 4 Set up Pulse Desktop Agent Plugin – Client

To install the Pulse plugin, navigate to the Installer page for the correct installer file for your PACS environment by using the following path:

`http://<syncomm_server_hostname>/Installer/`

where `<syncomm_server_hostname>` is the name of the SynComm Server hostname

SYNAPSE

Home PR Worklist UF Worklist ED Worklist Task Worklist Reporting Admin Pulse

» **Pulse/PACS Integration - Installation Files**

Choose the download link that corresponds with the current version of PACS being used.

**PACS v4.2 - v4.4**  
[Download Files](#)

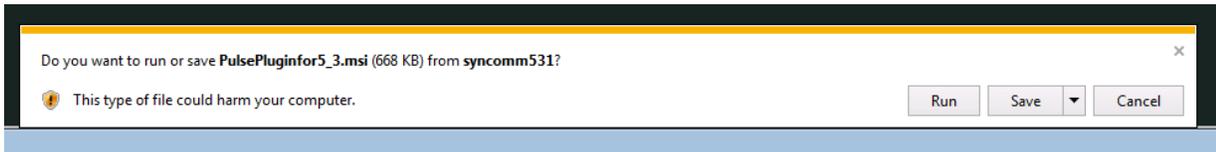
**PACS v5.3**  
[Download Files](#)

**PACS v5.4**  
[Download Files](#)

**PACS v5.5**  
[Download Files](#)

## 4.1 Install Plugin

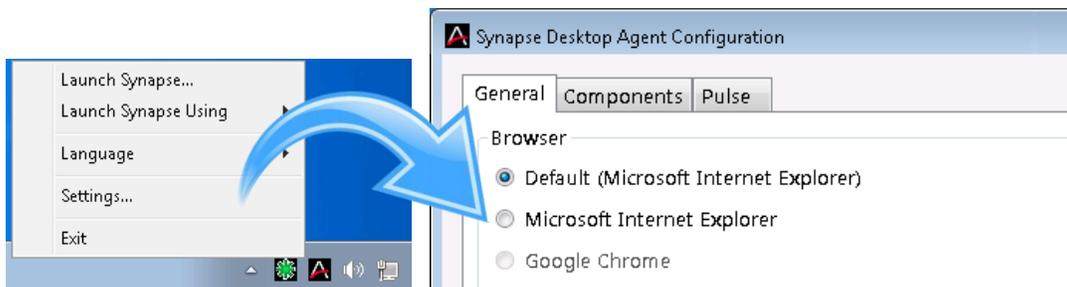
From the Installer page, click Download Files for the correct pulse download based on your PACS version.



- If you are logged in as an Administrator, simply click Run.
- If you are NOT logged in as an Administrator, click Save to download the correct “MSI” file; then navigate to the extracted files. Right-click the downloaded **MSI** file and select **Run as Administrator**.

## 4.2 Configure Pulse Desktop Tray Application

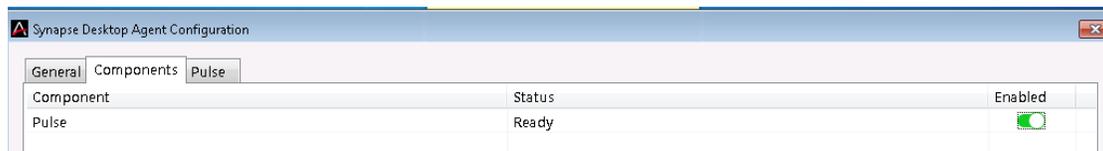
1. Launch the Synapse Desktop Agent.
2. Right-click the Synapse “A” icon in the system tray and select **Settings**.



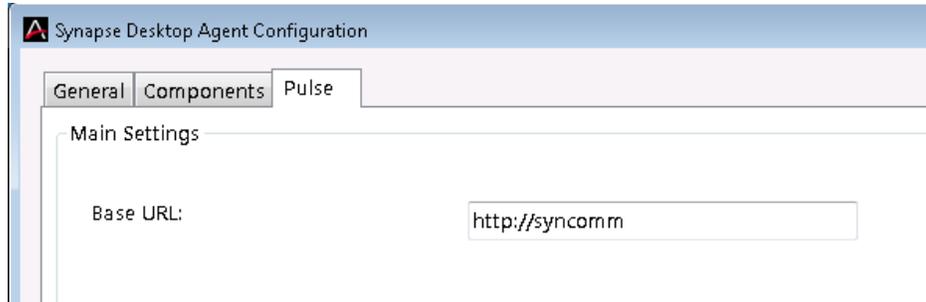
**NOTE:** If you do not see the **Pulse** tab, confirm that the Server-side setup has been completed and that the local plugin files have been installed per the **Installing Plugin** section.

If you have installed the plugin files and do not see the **Pulse** tab, reboot the machine for the Synapse Desktop Agent to “see” the files.

3. Select the **Components** tab and enable the **Pulse** plugin.



4. Select the **Pulse** tab and change the **Base URL** value to match the base URL of the SynComm server.



5. Click **OK** to save changes.

The settings window closes and the plugins are automatically reloaded. A status popup window displays from the Windows System Tray similar to the following example (the text will vary depending on which plugins are enabled):



## 5 Connect the Pulse Plugin to Multiple Datasources

**NOTE:** This configuration is only available with SynComm 3.3 or higher.

### 5.1 Setup Prerequisites

#### 5.1.1 Synapse Communications Version

A fully installed and functional SynComm system version 3.3 or higher is required. The SynComm system must be linked to a Synapse PACS system version 5.4 or higher.

#### 5.1.2 Synapse Communications Installations

For each installation of PACS that is linked via Multiple Datasource logic, there must be a discrete installation of SynComm for each Synapse PACS datasource. All must be version 3.3.1.2 or higher.

#### 5.1.3 Synapse Desktop Agent

The client machine must have a copy of the Synapse Desktop Agent installed that is linked to the Home Datasource.

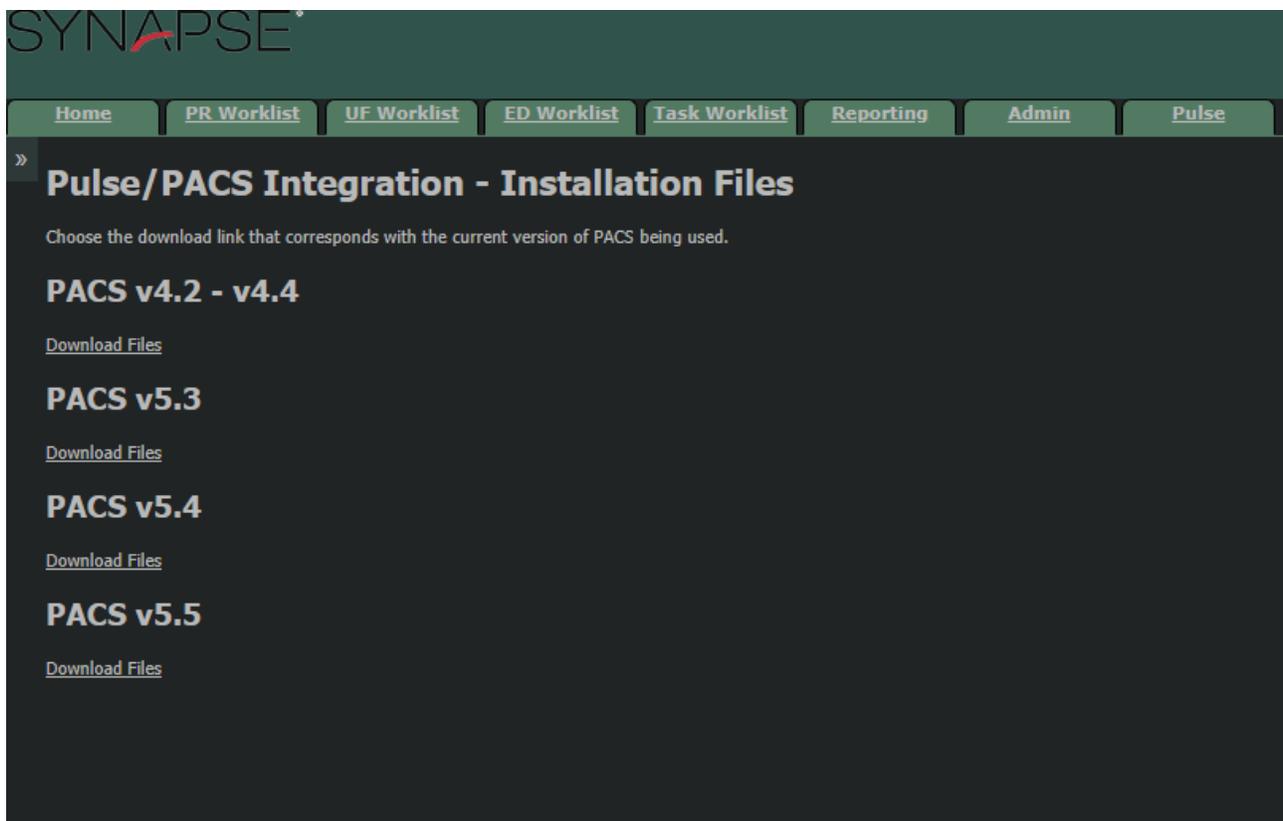
## 5.2 Upgrade Pulse Desktop Agent Plugin

To support multiple datasources, you must install the latest version of the Pulse plugin for Synapse Communications. If you currently have an older version of the Pulse plugin installed, you must uninstall it using the Windows Add/Remove Programs utility.

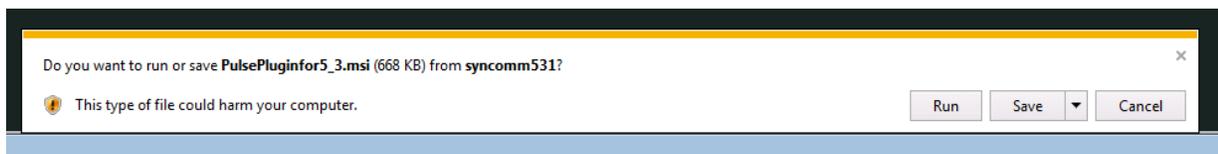
After the older version of the Pulse Plugin is uninstalled, navigate to the following Installer page and download the Pulse plugin for the version of PACS you are using:

`http://<syncomm_server_hostname>/Installer/`

where `<syncomm_server_hostname>` is the name of the SynComm Server hostname



From the Installer page, click Download Files for the correct pulse download based on your PACS version.



- If you are logged in as an Administrator, simply click Run.
- If you are NOT logged in as an Administrator, click Save to download the correct “MSI” file; then navigate to the extracted files. Right-click the downloaded **MSI** file and select **Run as Administrator**.

When the install process is complete, re-open the Synapse Desktop Agent.

### 5.3 Configure the Pulse Plugin to Multiple Datasources

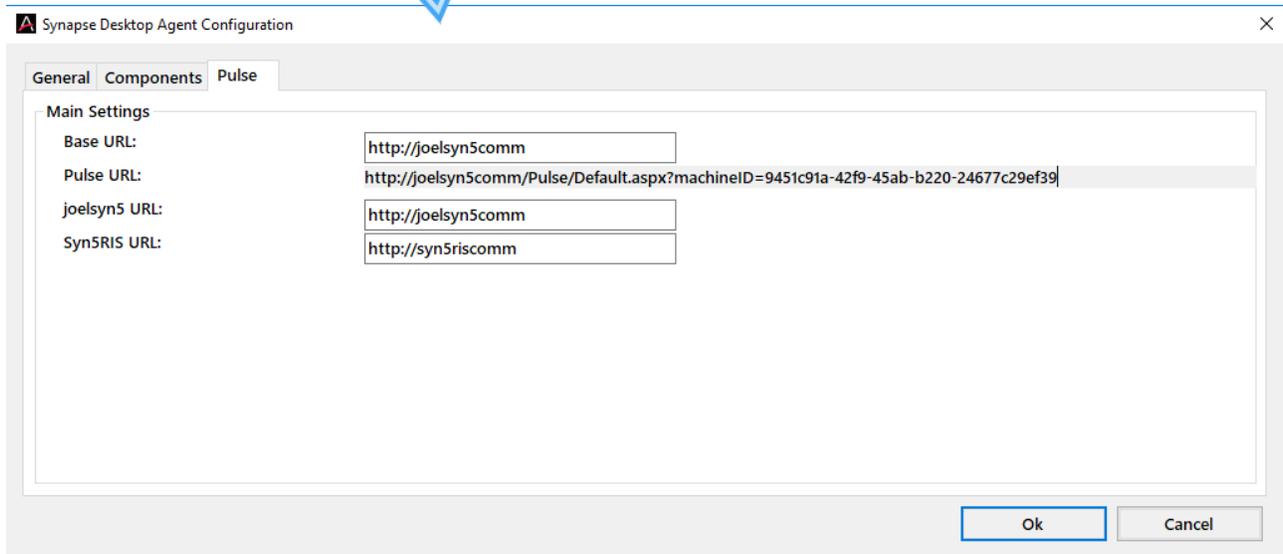
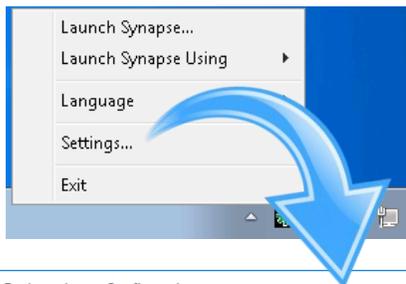
**NOTE:** Before the multiple datasources can be configured for Pulse, they must be configured within SWAT.

#### 5.3.1 Basic Configuration

To make sure that Pulse is enabled for use with the Desktop Agent, see section [4.2 Configure Pulse Desktop Tray Application](#).

#### 5.3.2 Connect the Pulse Plugin to Multiple Datasources

Right-click the Desktop Agent “A” icon in the taskbar and select **Settings**; then click the **Pulse** tab.



- **Base URL:** is the URL to the 'Home' Synapse Communications site that is connected to the user's Home Synapse PACS system.
- **Pulse URL:** is a read-only field that updates on "Save" actions. This field is useful if you want to create a shortcut link to Pulse on a user's desktop since it connects Pulse to the Desktop Agent.

The URL fields that follow these two URLs will be a list of all datasources presently connected to the Home PACS server. Each text field associated with the URL should contain the URL to the installation of SynComm that is connected to that copy of PACS (for example, the Syn5RIS datasource is linked to the syn5riscomm installation of Syncomm). The names of the datasources are matched to the names provided in SWAT.

## 5.4 Using Pulse Connected to Multiple Datasources

After the Pulse plugin has been properly configured to multiple datasources, the Pulse plugin will operate autonomously.

If you open a study that is on a datasource with a properly configured installation of Synapse Communications linked to it, Pulse will launch to that installation to load the study and use a single window while doing this, redirecting between servers as necessary.

If you open a study that is on a datasource that either does not have an installation of Synapse Communications installed or the link is not configured in the plugin's Settings, Pulse will launch to the Home Datasource and display the following message:

