

PowerScribe® Workflow Orchestration

Client Integration Manual - V4.2



The information presented in this manual represents what was provided to Nuance by the Vendor. Nuance does not perform qualifications on Integrations. It is up to the Client to confirm with the Vendor that their specific version of the vendor product is supported with their version of PowerScribe Workflow Orchestration.



Nuance employees are not authorized to adjust or configure the settings on a customer's PACS. The customer, or the customer's PACS representative, must make any necessary changes to the PACS configuration or settings.

The latest version of this manual is available from the Nuance Healthcare Community.

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PACS

Philips IntelliSpace

Type	Mode	Comments
Active X	Bi-Directional ^(1, 2)	

¹ Indicates that the user works from a worklist in PowerScribe Workflow Orchestration.
² Indicates that the user is working from a worklist outside of Powerscribe Workflow Orchestration, such as the PACS application or PowerScribe 360 Reporting.

Configuration Manager Section	Configuration Manager Item	Value
General	pacstype	Intellispace
General	pacsoption	IntelliSpace Org 1, Workflow Org 1~IntelliSpace Org 2, Workflow Org 2
General	pacswindowtitle	Intellispace

Philips IntelliSpace Client Setup



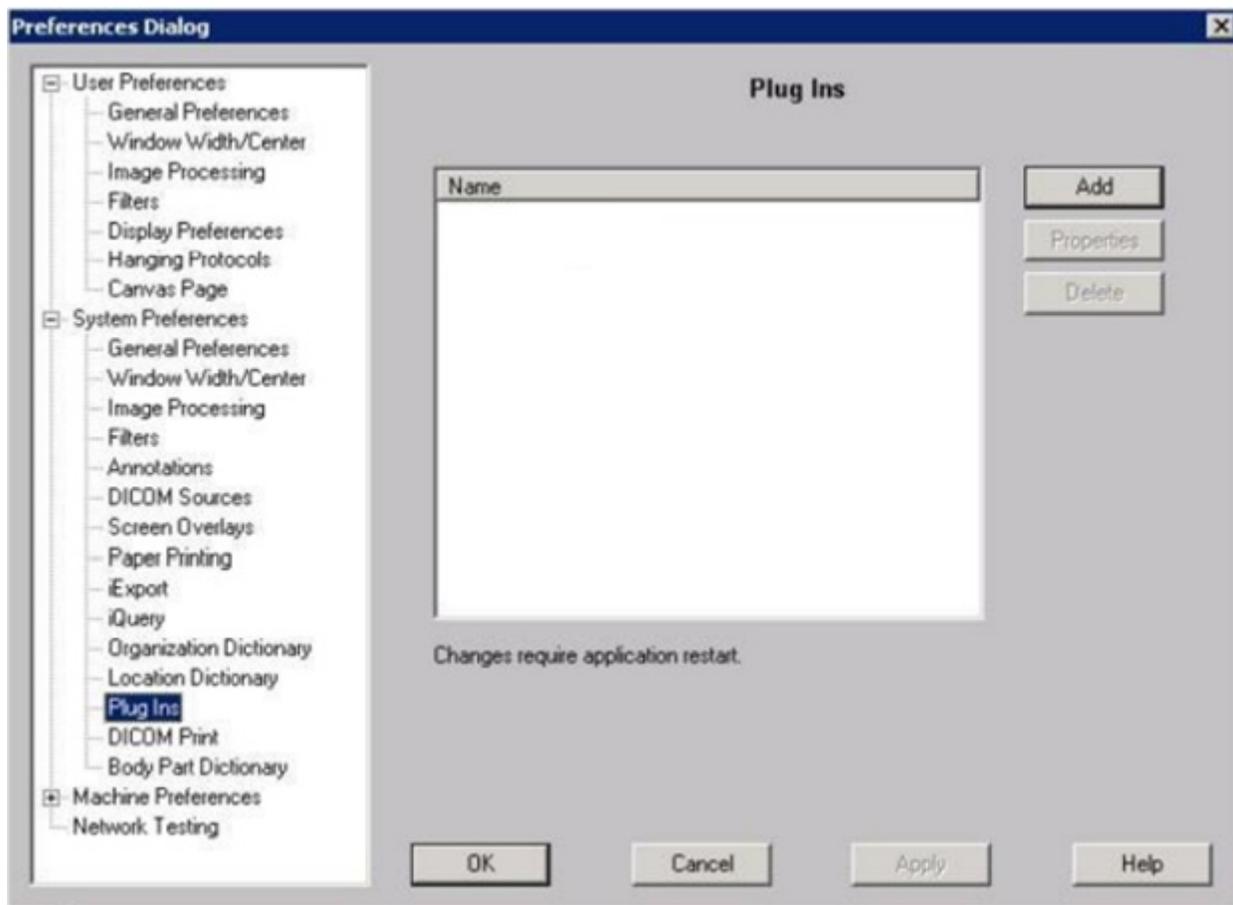
The PACS administrator or PACS Representative must perform the following procedure.

Perform the following steps to set up PowerScribe Workflow Orchestration in Philips IntelliSpace PACS.

1. Log on to IntelliSpace PACS.
2. Click the **P** icon in the upper-right corner of the window to open the Preferences dialog box.
3. Add the plug-in under System Plug Ins or Machine Plug Ins, but not both:

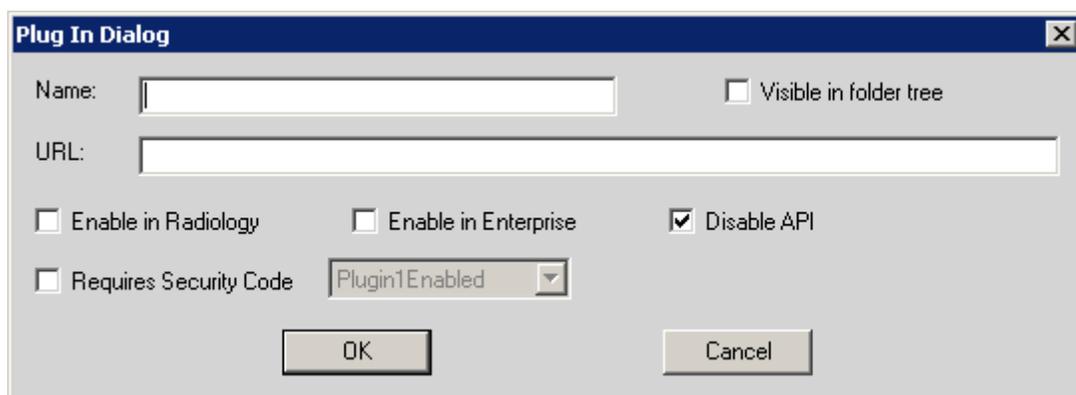


System plug-ins are installed once for all workstations using the IntelliSpace PACS server and only available from the System Preferences section available to IntelliSpace PACS Power Users.



If you do not want the plug-in available on all workstations, you must install the plug-in as a Machine plug-in for each workstation that needs access to the PowerScribe Workflow Orchestration integration.

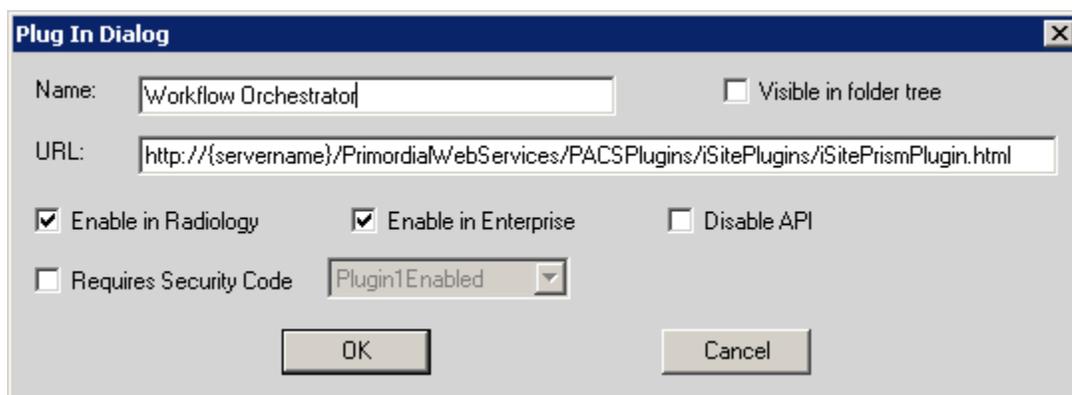
- After making your selection (System or Machine plug-in), click **Add**.
The Plug In Dialog displays.



5. Complete the following fields:
 - a. Name: **Workflow Orchestrator**
 - b. URL:

http(s)://{servername}/PrimordialWebServices/PACSPlugins/iSitePlugins/iSitePrismPlugin.html

6. Check the **Enable in Radiology** and **Enable Enterprise** boxes.
An example of the completed Plug In Dialog displays below:



Plug In Dialog

Name: Visible in folder tree

URL:

Enable in Radiology Enable in Enterprise Disable API

Requires Security Code

7. Click **OK**.

Visage

Type	Mode	Comments
CmdLine/XML	Bi-Directional	

XML Folder	Comments
C:\Visage\In	Inbound to Workflow Orchestrator
C:\Visage\Out	Outbound to Visage

Configuration Manager Section	Configuration Manager Item	Value
General	pacstype	Visage
General	pacsoption	VisageServer.domain.com^C:\Program Files\Visage Imaging\Visage 7.1\bin\arch-Win^^--context auto^
General	pacswindowtitle	Visage

pacsoption Parameter (^)	Value
1	Visage server address. Will need to be provided by customer.
2	File path to the vscontrol.exe to launch Visage application. Version specific (note 7.1 in path).
3	Open parameters
4	Login parameters
5	Close parameters
6	Use MRN. Default = true. Add ^false on to string to disable.

RIS

EPIC

Type	Mode	Comments
XML	Bi-Directional	

XML Folder	Comments
Customer Defined	The XML folder can be adjusted/specified to allow for network paths (for Citrix implementations).

Configuration Manager Section	Configuration Manager Item	Value
General	risType	epic
General	risOption	\\epicnas-prd\integration\bur_pac_int\^TripleDES^SHA1^Password^168^C:\Program Files (x86)\Citrix\ICA Client\pnagent.exe^/CitrixShortcut: (1) /QLaunch "7:15 PRD.Hyperspace SUP 2017"^DONTKILL^true^false^In^Out^^
General	risWindowTitle	Epic

risOption Parameter (^)	Value
1	Root folder path. Will need to be provided by customer
2	Algorithm
3	Hash
4	Password for integration. Will need to be provided by customer
5	DestKeyLength
6	Launch Path. Will need to be provided by customer, may be blank
7	Launch Arguments. Will need to be provided by customer, may be blank
8	EpicProcessNamePortion. Name of Epic process running in TaskManager.
9	EmbedWorkstationName. True if using network path, false for local folders
10	MultipleDropFolders. Used for multiple epic instances
11	InboundPathSegment. The part of the path added to parameter 1 to monitor for inbound XML
12	OutboundPathSegment. The part of the path added to parameter 1 to monitor for outbound XML
13	MRN Prefixes. Used for MRN normalization between WO and RIS

14	Drop folder path. Not used
15	Use Epic Dictation. Not used
16	Suppress Login/Logout. Add ^true to suppress login/logout commands to Epic

Appendices

XML Integrations

XML integrations rely on passing files between applications using specified folders. These folders must be manually created. Users must have **full control** over the folders and subfolders.

Manual Revision History

Note: In this table the most recent changes are first by date.

Date	Sec	Page	Change (Paragraph, Sentence, Figure, Table, etc.)	Initials
5/28/20	Cover		Formatted, V4.2	SP
5/20/20	1, 2, 3	All	Added Visage, Epic, and XML sections	SP
4/03/19	All	All	First Draft	SP

Date	Sec	Page	Change (Paragraph, Sentence, Figure, Table, etc.)	Initials
12/5/16	1 2	All All	Swapped contents in chapter 1 with contents in chapter 2 Swapped contents in chapter 2 with contents in chapter 1	
	Cover 1	- 1	Round Two: Title changed. (1) - Removed the word <i>from</i> in title: Upgrade from RadWhere or PS360 V1.x	
	1	2	(2) - Inserted note: If you are upgrading from V 2.x or higher, STOP and refer to Upgrading Version 2 and Above — PN 889679 for the proper procedure. (3) - Changed section from Upgrading from Prior Hot Spare Installations to Hot Spares	
	1	3	(4) - Deleted section: Stop the Services Prior to performing the upgrade, you must stop the RadBridge Service and World Wide Web Publishing Service.	
	1	4	(5) - Changed section title from: (RadWhere Only) Create the COMM4 Database to: RadWhere Only Create the COMM4 Database	
	1	8	(6) - Changed section title from: Copy DragonUsers Folder to Backup DragonUsers Folder (7) - Changed section title from: Copy Wave Folder to Backup Wave Folder	
	1	4	(8) - Changed bullet: X:\Nuance\DragonUsers\PS360_BackupUsers to DragonUsers	
	1	8	(9) - Added bullet: DragonUsersTemp (10) - Deleted section: Upgrade Windows OS If the site will be using a hot spare, you will need to upgrade the OS Application of the MSSQL Server to the Enterprise version by applying the new/proper license keys.	
	1	9	(11) - Deleted section: Upgrade MSSQL If the site will be using a hot spare, you will need to upgrade the MSSQL Server Application to the Enterprise version by applying the new/proper license keys.	
	2	1	(12) - Changed Powerscribe to PowerScribe (13) - Changed Title from Introduction to Preinstallation Checklist (14) - Deleted note: If you are upgrading from V 2.x or higher, STOP and refer to Upgrading Version 2 and Above — PN 889679 for the proper procedure.	
	3	1	(15) - Added New Section Verify Internet Access (16) - Added New Section from chapter 3, and changed the title from Verify the Server is Configured Properly to Verify Server Configuration (17) - Added Download the Software Section (18) - Added Extract the Dragon Installers Section (19) - Added New Section from chapter 3, and deleted the bullet: X:\Nuance\WebServiceLogs (20) - Changed title from Application Installation to Installation (21) - Deleted section: Check Internet Network Access (22) - Deleted: PowerShare requires access to the following: The range for all external IPs is 216.52.195.129/26. Specific IPs for network traffic URLs are: upload1.seemyradiology.com:443 = 216.52.195.130	

Date	Sec	Page	Change (Paragraph, Sentence, Figure, Table, etc.)	Initials
12/5/16 (continued)	3	3	(23) - Deleted/Moved section: Verify the Server is Configured Properly (24) - Deleted/Moved section: Create Nuance Application Directories (25) - Deleted/Moved section: Software Download (26) - Deleted/Moved section: Extract the Dragon Files (27) - Step 1: deleted 4_0, and 6 and replaced the 6 with X, In the X:\Software\360_Install\4_0\Step_01_DBSetup_6.x.xx.x folder, double-click DBsetup.exe.	
	3	9	Added notes: (28) - If you are installing a SQL only server, you must now install the Management Reports to this server. (29) - For a Cluster Configuration: Install the Applications on BOTH nodes. Use the Application Cluster Virtual Name for URL and the SQL Virtual Cluster Name for SQL connections. When installing to Node 2, you must first fail the SQL over to Node (two) 2. If you do not, the installer will not see SQL as being active, only on App/SQL cluster.	
	3	11	(30) - Inserted Step 1, changed 6 to X, - X:\Software\360_Install\4_0\Step_02_ApplicationServer_X.x.xx.x (31) - Inserted Step 2 (32) - Inserted Step 3, changed for Reports only. Need new image. (33) - Deleted Step 4, and inserted new content for Prerequisite Checks dialog.	
	3	12	(34) - Deleted Create the SQL Maintenance Plan, notes, links and image. (35) - Inserted Step 4, Step 5, Step 6. (36) - Changed In the X:\Software\360_Install\4_0\Step_02_ApplicationServer_6.x.xx.x folder, double-click the setup.exe. to In the X:\Software\360_Install\4_0\Step_02_ApplicationServer_X.x.xx.x folder, double-click the setup.exe.	
	3	16	(37) - Inserted Steps: *If this is an combination SQL and Application Server Click Select All . *If this is an Application ONLY server, select ALL modules EXCEPT Management Reports. *Click Next .	
		17	(38) - Deleted Note, and text (39) - Delete object. (40) - Deleted Nuance	
		37	(41) - Deleted note: If for any reason the database is patched prior to upgrading Portal, it will be necessary to run the RASGUI.exe in inetpub to reset all the user passwords with the new encryption. Otherwise, the logins will fail when attempting to log in to the Portal. (42) - Deleted 6: in: To find these source paths, use the ellipses buttons for each entry and browse to the location where you extracted the Step_03_PowerScribe360_6x.x.xx.x files. These will be in the path under that step.	
		43	(43) - Inserted Note: IF you have already installed the client admin to Node 1 of a cluster and are installing to Node 2 of a cluster DO NOT perform step 17. Skip to Step 19	
			(44) - Deleted Step 21: From Windows Explorer, navigate to: X:\nuance\DragonUsers X:\nuance\DrangonUserTemp (45) - Deleted Step 22: Verify that the Share Permissions for DragonUsers and DragonUserTemp are set so that the Services account and the IIS_IUSRS Group have full rights. For Security purposes, the Everyone account should not have rights to these directories.	
	3	44	(46) - Inserted title: Configure MIME Settings	

Date	Sec	Page	Change (Paragraph, Sentence, Figure, Table, etc.)	Initials
12/5/16 (continued)	4	1 2	(47) - Deleted in Step 2: of commissure (48) - Added/Deleted Note: The RAS application must have access to the drop folder.	
	5	3	(49) - Create and move Microsoft SQL 2014 Express Installation section to a new Appendix (4)	
	7	2	(50) - Typo: Administrative rights. (51) Changed Enrollment and Agency Installation to Remote Diagnostics Installation	
		5	(52) - Enroll the Agency for Remote Diagnostics to Enroll the Server (53) - Changed Agency Installation title to Remote Diagnostics Installation	
			SUS Changes:	
	5	1	(54) - Delete notes: If you are performing an upgrade from PowerScribe 360 Reporting V1.x You must uninstall SQL Express, Dragon, and SUS and install the newer versions. If you are asked to install the product in a method or configuration not outlined in this installation manual, you should stop and consult with Service Management.	
			(55) - Change drive to C, Step 1. (56) - Change title: Install Dragon SDK Medical Software on SUS to Install Dragon SDK Medical	
			(57) - Delete the word the in the title of Install the SUS (58) - Step 2, Deleted 3_0_0_2, added SUS Install. (59) - Step 3, Deleted server 3_0_0_2, added folder. (60) - Deleted Configure RadPortal Section	
	7	1	(61) Changed title for Final Steps to Remote Diagnostics (62) Changed tile for Enable UC to Enable UAC (63) Deleted title Turning on UAC (64) done. (65) - Deleted Overview title and paragraph. (66) - Inserted Note. (67) - Deleted Proxy Servers (68) - Deleted currently (69) - Inserted Note. Deleted Enrollment.	
		5	(70) - Changed paragraph: With the release of Version 2.0 it is now possible to enroll more than a single server using the same model and serial number. This should only be done when both of the following are true: (71) - Deleted Agency Installation and content. (72) - Deleted Enroll the Server (73) - Deleted Prerequisite (74) - Deleted for Enrollment	
		6	(75) - Changed step 4.a.	
	9	(76) - Step 7, bullet 1, changed.		
	10	(77) - Delete figure title.		
	11	(78) - Delete figure title		

Date	Sec	Page	Change (Paragraph, Sentence, Figure, Table, etc.)	Initials