

Ingest Scheduler Software

Installation Guide

Software Version 1.0

PWA-ISC1

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Overview

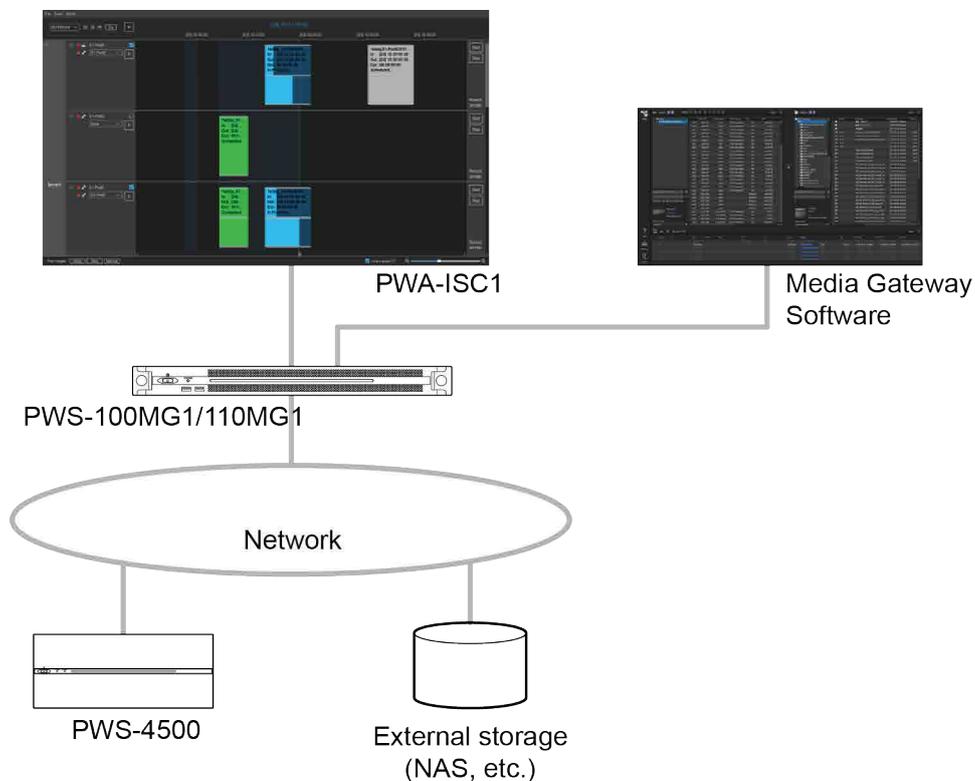
PWA-ISC1 Ingest Scheduler Software is studio recording/transfer software for creating cutouts from material recorded on a PWS-4500 Multi Port AV Storage Unit, as required, and transferring them to external storage on a network drive.

In PWA-ISC1, a cutout/transfer task is referred to as a schedule. A schedule can be specified for a time slot of an existing recording or a future recording. A transfer for a time slot of an existing recording starts immediately. For a schedule specifying the time slot of a future recording, transfer starts when recording begins on the PWS-4500 at the specified time. This installation guide describes the required device settings to use PWA-ISC1 and how to install PWA-ISC1.

The installation guide is intended for system integration engineers and installation personnel.

System configuration

The following diagram shows a typical small-scale PWA-ISC1 system.



Operating Environment

Devices for PWA-ISC1 installation

You can install PWA-ISC1 on PWS-100MG1/110MG1 devices.
Installation is also supported on the PWS-100PR1/110PR1.

Required devices

The following devices are required in order to use PWA-ISC1.

- PWS-4500
- PWS-100MG1/110MG1
- External storage device (used by Media Gateway Software)

Getting Started

The following three setup operations are required in order to use this software.

- Setting a PWS-4500 port for loop recording (Loop Rec)
Operation of this software is enabled only for a port configured for loop recording.
- Registering PRC Manager
PRC Manager is headless software for managing this software, Media Gateway Software, and PWS-4500. PRC Manager registration is required on each device that is managed by PRC Manager.
PRC Manager is bundled with the installer for this software, and is installed on the same device as this software.
- Synchronizing the clocks on each device within the system

The setup method is described for each device.

Required settings

Configuring the PWS-4500

Configure the following settings using the web menu interface of the PWS-4500. For details, refer to the PWS-4500 operation manual.

The menu names conform to the notation of the web menu of PWS-4500 V2.36.

Setting the input port for loop recording (Loop Rec)

1. On the [Storage] screen – [Loop] tab of the web menu, configure the loop recording range for the port used by this software.

Registering PRC Manager

1. Configure the following items in [PRCM Setting] on the [System] screen – [Network] tab of the web menu.
 - Port Number: 50000
 - PRCM 1 Connection: Enable
 - PRCM 1 IP Address: IP address of the device on which to install PRC Manager

Synchronizing time with the system clock

1. Configure the following items on the [System] screen – [Time] tab of the web menu.
 - Time Zone Offset
 - Setup Local Time Date

PWS-100MG1/110MG1 settings

Configure the following settings on the PWS-100MG1/110MG1.

Synchronizing time with the system clock

1. On the [Control Panel] – [Clock, Language, and Region] – [Date and Time] tab, click the [Change date and time] button and set the date and time.

Note

If installing this software on PWS-100PR1/110PR1, synchronize the PWS-100PR1/110PR1 clock with the system clock.

Registering PRC Manager

1. Start Media Gateway Software, display the [PRC Manager] page of the settings screen, click the [Set] button, and enter the following information.
 - IP Address: IP address of the device on which to install PRC Manager
 - Port: 51000

Other settings

Settings in other languages

Text entry in this software is supported in English, Japanese, and Chinese. To enter schedule names, port names, and server names in a language other than English, configure the following item on the device on which the software is installed.

1. Click [Control Panel] – [Language] – [Add language].
2. Select the language to add, and click the [Add] button.

To switch the input language, press the Windows+Space keys. Select the added language displayed in the menu.

Installation

This section describes how to install PWA-ISC1.

Installing

1. Obtain the installer, and copy it to any folder on the computer.
The file name of the installer is "Sony_PWA-ISC1_*(version)*.exe". Contact Sony personnel for details about obtaining the installer.
2. Double-click the installer, and follow the on-screen instructions to install the software.
 - When the [Setup Type] screen appears, place a check mark in [Create a desktop shortcut]. A PWA-ISC1 shortcut is created on the desktop.
 - PRC Manager is also installed at the same time.

Configuration after installation

Software validation and PRC Manager registration is required the first time the software is launched after installation.

Prepare the following information required for validation beforehand.

- PWA-ISC1 software installation key
Contact Sony personnel for details about obtaining an installation key.
1. Double-click the PWA-ISC1 shortcut on the desktop.
 2. Enter the software installation key when prompted on the software verification screen, and click the [OK] button.
The software is validated, and then the PWA-ISC1 main screen appears.
 3. Select [Tools] – [Settings] from the menu bar.
 4. Set the following items in the displayed [Settings] dialog, and click the [OK] button.
 - [PRCM IP]: IP address of the computer running PRC Manager
 - Port: 51000
 5. Select [Files] – [Exit] from the menu bar to exit PWA-ISC1.
 6. Double-click the PWA-ISC1 shortcut on the desktop again.
PWA-ISC1 starts, and PRC Manager is registered.

Note

The MAC address of the network card is used for software validation. If the MAC address is changed, due to computer malfunction or other reason, a software installation key must be re-issued and the software validated again.

Uninstalling

1. Select [Uninstall or change a program] in the [Control Panel].
2. Select [Ingest Scheduler] and then uninstall.

Starting and Exiting

Startup sequence

Use the following procedure to start each program and device to use this software.

1. Start the PWS-4500.
2. Start PRC Manager.
3. Start Media Gateway.
4. Start this software.

This section describes how to start PRC Manager and this software.

For details about how to start Media Manager, refer to the Media Gateway installation guide.

Notes

- Operation of this software is enabled only for the PWS-4500 port configured for loop recording (Loop Rec). If a PWS-4500 port is configured for loop recording, recording starts automatically when this software is started.
- This software does not support the sleep mode of the computer. Do not put the computer to sleep while this software is running.

Starting PRC Manager

PRC Manager must be started before starting this software.

Use the PRC Manager software provided with the installer of this software.

1. Double-click C:\Program Files\Sony\PWA-ISC1\PRC Manager.exe.
PRC Manager starts, and the PRC Manager icon appears in the Windows task tray.

To start PRC Manager automatically when the device on which PRC Manager is installed starts, use the following procedure.

1. Create a shortcut for C:\Program Files\Sony\PWA-ISC1\PRC Manager.exe.
2. Copy the created shortcut to the following folder.
C:\Users*(UserName)*\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup

If configuration is successful, the PRC Manager icon appears in the Windows task tray after the device starts.

Notes

- When PRC Manager is started for the first time, a “Windows Firewall has blocked some features of this app” message appears in the [Windows Security Alert] dialog. Click [Allow access] to continue. Connection with the PWS-4500 is not possible if access is not allowed.
- Normally, the folder in which the shortcut was copied (above) is hidden by the system. If the folder is not displayed in Windows Explorer, use the following procedure to show the folder.
 1. Select [Tools] – [Folder Options] from the Windows Explorer menu.
 2. Click the [View] tab.
 3. Click [Show hidden files, folders, and drives] under [Hidden files and folders].
- Only one PWA-ISC1 instance can be connected to a PRC Manager instance.

Exiting PRC Manager

Note

Schedules registered in this software are not executed when PRC Manager exits.

1. Right-click the PRC Manager icon in the task tray, and select [Exit] from the displayed menu.

Starting this software

1. Double-click the created shortcut on the desktop.

Exiting this software

1. Select [File] – [Exit] from the menu bar.

Recording on the port does not stop when this software exits. Furthermore, transfer of schedules that are currently in progress or pending transfer is executed.

Notes

- Operation of this software is enabled only for ports configured for loop recording (Loop Rec). Operation is not supported for ports configured for normal recording.
- Set the clocks on each device comprising the system to the same time.
- Start PRC Manager before starting this software. The clock will not advance if this software is started and PRC Manager is not running.
- Use the PRC Manager software provided with the installer of this software.
- Only one PWA-ISC1 instance can be connected to a PRC Manager instance.
- This software does not support high frame rate recording of the PWS-4500.
- When using ProRes format files on the PWS-4500, the use of a 10GbE Network connector on the PWS-4500 is required to transfer a schedule. If Network Port 1 or 2 (1GbE) only is used, the schedule cannot be transferred even though it is registered.

Appendix

Trademarks

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