



Share-IT engine for Avid® MediaCentral I Production Management

USER GUIDE

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Introduction

Share-IT engine is the backend server architecture that links the Share-IT panels with Avid® MediaCentral | Production Management.

It performs:

- Media creation to the shared storage and check-in to MediaCentral I Production Management
- Media retrieval from MediaCentral I Production Management and shared storage to Adobe® After Effects CC or Photoshop CC
- Profile configuration to handle different workflows. The profiles are then displayed in the panel user interface for users who have credentials to use them

Each profile contains:

- Target format settings
- Target folders on Avid ISIS or Nexis storage and within MediaCentral I Production Management
- Folder creation, clips naming and metadata mapping rules
- Adobe® panel preferences



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A. Technical requirements

A.1. General requirements

- ✓ Supported operating systems: Windows 2012 Server / Windows 2016 Server / Windows
 10
- ✓ HTML 5 compliant web browser (Google Chrome is recommended)

A.2. Important notice about Share-IT service

- ✓ Share-IT engine is running as a Windows service named WoodyShare-IT.
- ✓ The user running this service must have read and write privileges on the temporary folders accessed from the Adobe® panels.
- ✓ This user should also exist in ISIS or NEXIS configuration, using the same password.

A.3. Licensing mode

- ✓ Floating licensing or called concurrent user licensing is a software licensing approach in which a limited number of licenses for Share-IT are shared among a larger number of Adobe users. When an authorized user wishes to use Share-IT, Share-IT Adobe panel will request a license from Share-IT engine. The license is released when the Share-IT panel is closed in Adobe Photoshop CC or Adobe After Effects CC, or after a certain time of inactivity.
- ✓ Stations licensing is a software license model based on the number of individual stations who have access to Share-IT. For example, 50 seats will allow 50 Adobe workstations to use Share-IT. Please refer to chapter F.4. to learn more about how to manage Stations.

A.4. Avid® compatibility

- ✓ ISIS: version 1.4 or higher
- ✓ NEXIS : version 6 or higher
- ✓ MediaCentral I Production Management: version 1.2.3 and higher
- ✓ Interplay WebServices : version 2.2 and higher
- ✓ The MediaCentral I Production Management user configured in the application must have write privileges on the destination folders.
- ✓ Install the ISIS or NEXIS client on the same server as Share-IT engine. The server must have write access to the destination workspaces.
- ✓ The server must have access to Interplay WebServices and to the ISIS / NEXIS storage.
- ✓ Interplay WebServices can optionally be installed on the same server. For more information about Interplay WebServices installation, please refer to the Avid® documentation.



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A.5. Supported formats

- ✓ AVC-Intra 100
- ✓ AVC-Intra 50
- ✓ DNxHD 36 60 75 85 120 185 185x 365 365x
- ✓ DNxHD 45 90 90x 100 145 175 175x 220 220x 440 440x
- ✓ DVCPro HD
- ✓ XDCAM EX
- ✓ XDCAM HD 35 50
- ✓ DV 25 50
- ✓ IMX 30 40 50
- ✓ Avid Proxy (not supported for MatteKey ingest)

The following audio target formats are supported for media creation in the Avid® environment

- ✓ 16 bits 48 kHz
- ✓ 24 bits 48 kHz
- (i) Audio is not supported for clips containing alpha channels if the option "Ingest as Matte Effect" is selected in the profile.



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B. Software installation

1. Run the file Share-IT.x.x.xxx.msi and follow the on-screen instructions.

If the Windows firewall or User Access Control are active, one or more warning messages will prompt you to authorize the installation.

- 2. A shortcut is automatically created on the desktop
 - The software is installed in
 C:\Program Files\Woody Technologies\Woody Share-IT
 - The configuration and logs files are located in
 C:\Program Data\Woody Technologies\Woody Share-IT
 - A Windows service named *WoodyShare-IT* is installed. It will automatically start at the end of the installation.
- 3. You must change the user running the Windows service after installation. To do so, stop the running WoodyShare-IT service, access the properties and change the user in the "log on" tab. You can use the currently logged-in user, or any local or domain account.
 - Start the WoodyShare-IT service
- ① Using the default Local System Account will cause issues when accessing shared folders on the network and Avid storage.



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C. First start and license activation

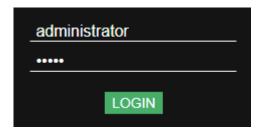
 Double-click on the icon on the desktop or in the Start menu/Programs/Woody Technologies/Woody Share-IT

The HTML page dedicated to Share-IT engine administration opens in your default browser.

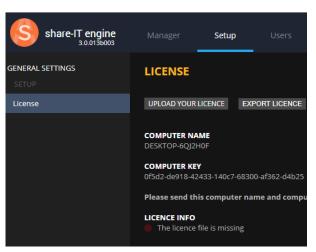
If the page does not open, check the safety rules of your browser (cf G, page 19).

At first launch, it is necessary to activate the Share-IT engine license and create the Share-IT engine profiles (description of features and settings available on the subsequent page).

2. On the login page, use the default user administrator and the default password woody for the first login. You will be able to change this password later.



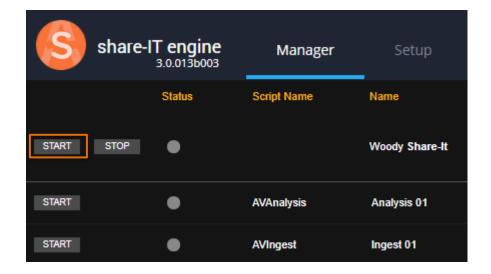
3. You will be warned that the system does not have a valid license, navigate to the Setup tab > License



- 4. Send your **COMPUTER NAME** and **COMPUTER KEY** to your sales representative to get a valid license file.
- 5. Upload your license file through the corresponding dialog box.
- 6. Then, go to the Manager tab to start all the components of Share-IT engine.



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7. You can now click on the Profile tab to start the workflow configuration.

D. Profiles tab

D.1. Profiles tab overview

This tab is divided in 7 sections:

- Profiles management
 - → Create, copy and delete ingest profile.
- Ingest mode settings
 - → You can define here the ingest mode.
- · Transcoding and destination settings
 - → You can define here the target format, storage and folder.
- Adobe® panel settings
 - → You can manage here the parameters for the Adobe® panel.
- Metadata
 - → You can create, configure and map the metadata.
- Naming and grouping
 - → You can define here the naming rules for target clips and folders.
- Notifications
 - → You can define here the notification settings (http, e-mail and file)

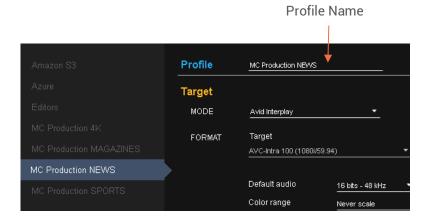


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D.2. Profiles management

Click on the New button to create a profile. or create it by Copy of an existing profile.

The number of profiles is unlimited



The profile can be configured as described below.

D.3. Ingest mode settings

In Share-IT engine there's two ingest mode available:

Avid Interplay (MediaCentral|Production Management)

→ This mode will check-in content in an Avid Interplay database through Avid WebServices. MXF OpAtom files will be created on a NEXIS/ISIS workspace storage.

Avid Mediafiles + Aaf (Media Composer)

→ This mode will generate an AAF file that can be opened into a bin in Avid Media Composer. MXF OpAtom files will be created on a NEXIS/ISIS workspace storage, a network share or a local folder.



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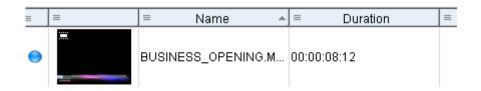
D.4. Transcoding settings

The target format for ingest clips can be defined in this section. Share-IT engine can determine

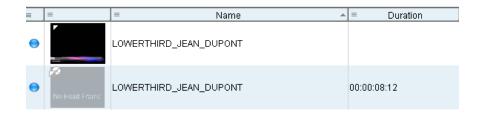


if the source files must be transcoded as Matte effect or clip.

Masterclip created by Share-IT engine in MediaCentral I Production Management



Matte key effect created by Share-IT engine in MediaCentral I Production Management





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D.5. Destination settings

Avid Interplay Mode (MediaCentral|Production Management) MediaCentral target ISIS/NEXIS target folder path Syntax: folder \\server\workspace\folder Syntax: folder/subfolder DELIVERY A sequence can be Avid Mediafiles \\avidisis\woody\Avid MediaFiles\MXF\Woody created for each ingested Interplay root folder Incoming Media/SOCIAL/NEV/S clip. You can also define the starting timecode for this Create sequence for each clip **TCStart** 00:00:00:00 sequence. **INTERPLAY** EWI checkin rate (frame WS Address User Password Workgroup EWI 10.22.6.200:8081 woody WoodyWKGP 750

Syntax: IP:port or hostname:port

Interplay WebServices Settings

D.5.2. Avid Mediafiles + AAF Mode (Media Composer)

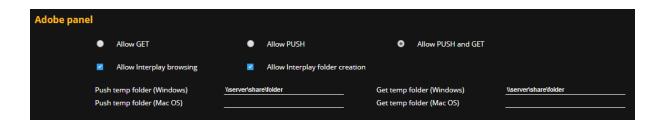
This mode works as the Avid Interplay Mode, without checking-in clips to Interplay. MXF files are created on any local or shared storage, and an AAF file is generated for each clip. This AAF file can be easily imported in a bin of your Avid editing software, making the clip available for editing.







D.6. Adobe® panel settings



Allow Get/Push: defines if this profile can be used to publish content to MediaCentral Production Management, retrieve content or for both cases.

Allow Interplay browsing: defines if the Adobe® user will be able to browse MediaCentral I Production Management folder tree in the panel, or if the target folder is entirely managed from the profile (with MediaCentral I Production Management subfolder creation rules).

Allow Interplay folder creation: defines if the user can create new folders in MediaCentral I Production Management, directly from the Adobe® panel. This setting is available only if Allow Interplay browsing is enabled.

Push temp folder: Windows and macOS paths for "push" temp folder. Adobe® renders will be put in this folder before Share-IT engine processes them. Rendered files are automatically purged after ingest.

Get temp folder: Windows and macOS paths for "get" temp folder. Share-IT engine will rewrap MXF OpAtom files from ISIS/NEXIS storage to MXF Op1a files in this folder.

① Even if you're using only macOS workstations, the windows temp folder paths must be filled-in to ensure access to the temporary files by Share-IT engine.



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D.7. Metadata

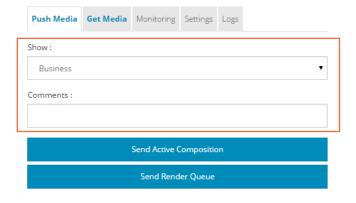
This section allows:

- to create custom metadata values visible in the naming rules
- to configure mapping of metadata to MediaCentral I Production Management attributes



Custom metadata can be made mandatory.

The custom metadata added to the profile is presented to the user from the Adobe® panel.





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Clips naming rules

The clip names in MediaCentral I Production Management can be populated combining metadata coming from the source file, custom metadata and separators.



① If clips renaming is disabled, the name of the Adobe® composition will be used by default as clip name in MediaCentral I Production Management.

Target subfolders naming rule



① MediaCentral I Production Management subfolder creation is only available if Allow Interplay browsing is disabled in the Adobe® panel settings.

Generate MediaCentral I Production Management folders dynamically

The folder naming rule allows to create a complete folder tree from the MediaCentral I Production Management root folder defined in the Destination part of the profile.



- → Use a "/" as separator when you want to create a subfolder.
 - Special characters / \: *?" < > | % & cannot be used as separators in the naming rules. / is only allowed for creation of subfolders.

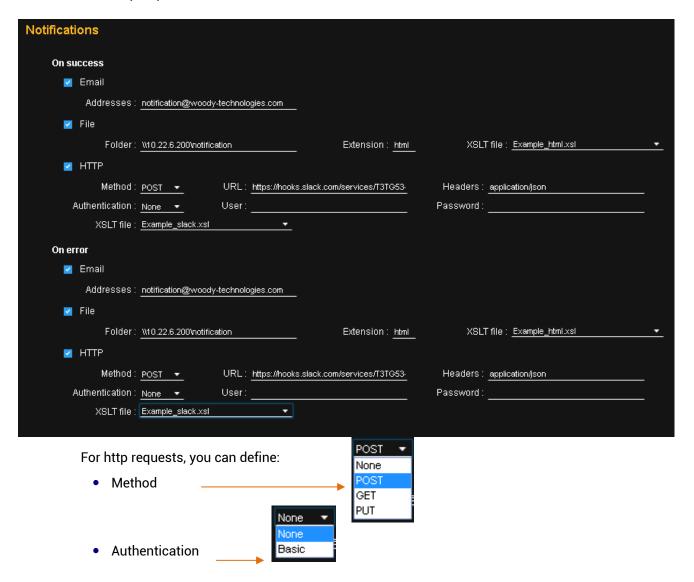


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D.9. Post-processing notifications

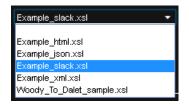
After processing each content and depending on the result (success or failure), you can configure various notifications.

- Email sending to one or more recipients
- · Creation of an XML file in a local directory or distant storage
 - XSL transformation can be applied to get the proper format with the desired metadata
 - Location of custom XSL files: C:\ProgramData\Woody Technologies\Woody Share-IT\config\userdata
- · Http request to an external web service





• Xsl file used to generate the content of the request



If there is no xsl file set, the standard Share-IT engine XML structure will be sent as content of the request.



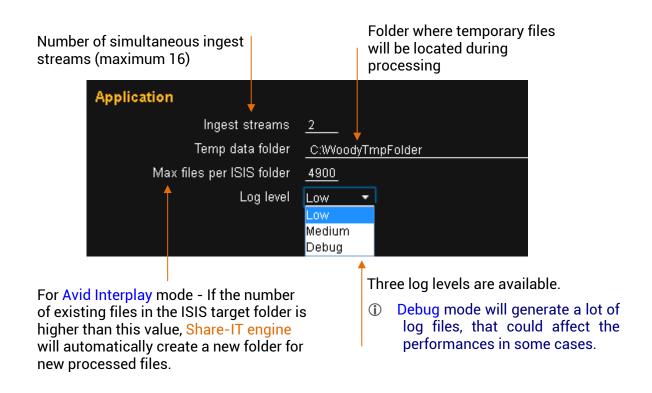
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E. Setup tab

This tab allows to:

- define the global configuration of Share-IT engine
- define the profile rights for users and stations

E.1. Ingest streams configuration



F.2. User interface

The choice between French and English impacts the Profiles configuration tab and the Adobe® panel of Share-IT.



E.3. Special characters handling

The rules described below apply:

- To clips naming
- To the target folder names, when they are automatically created
- To the target attributes for Avid modes



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The following settings allow you to manage the potential limitations of your production environment.



- Convert diacritics: diacritics will be replaced by equivalent non-diacritics characters
- Convert to uppercase: All characters used in clips and folder naming as well as in metadata will be forced to uppercase
- Forbid non ANSI: All non ANSI characters will be replaced
- Forbid non ASCII: All non ASCII characters will be replaced
- Allow only: Only the characters present in this field will be allowed. All others
 will be replaced. If this field is empty, all characters are allowed and the other
 rules apply
- Replacement character: You can define here the replacement character used when the rule above apply

E.4. Email notification settings

You can define in Share-IT profiles configuration if email notifications are sent after a clip is processed, depending on the result of the processing (success or failure).

• Enter your SMTP server details here:



Don't forget to Save your changes.



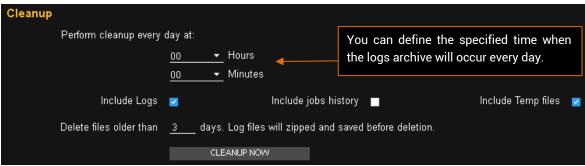
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E.5. Logs management

These sections allow you to:

- Download application logs of the last days. The report includes also configuration files that can help the support team.
- Define automatic archive of the logs and temporary files.





(i) You can observe the archive status in the Logs tab



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F. Users tab

The users tab allows you to manage authentication within Share-IT.

In this tab you will be able to:

- Create users groups and users
- · Assign ingest profiles to users groups
- Manage permissions
- Add and manage stations (stations license mode)
- Check-out the current connections (floating license mode)
- Add a LDAP server for Active Directory authentication

F.1. Users groups

• Create user groups allows to filter and select which profiles will be visible by the users assigned to this group



F.2. Users

 Users can belong to one or several user groups If no group is selected, the user will belong to all_access group by default.





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F.3. Permissions

• Custom permissions can also be created and managed for each kind of users:



F.4. Stations (stations licensing mode)

 Add or manage stations from the stations menu, graphics workstation IP can be added or updated in order to allow the Adobe® panel to connect to Share-IT engine:



① You don't need to add stations if you are using a floating license mode.

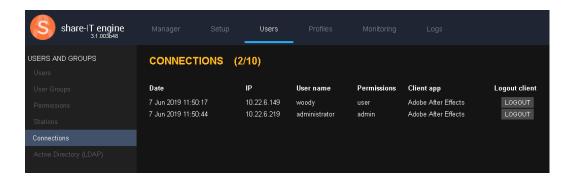
F.5. Connections (floating licensing mode)

• You can see here the users currently connected to Share-IT engine, as well as the maximum number of seats allowed by your license.



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• You can also force a user to log out. The user will be warned in the Adobe panel that he has been logged out by an administrator.



① You cannot see the current connexions in this tab if you're using the stations licensing mode.

F.6. LDAP

The LADP menu allows you to import user accounts from an Active Directory users group.

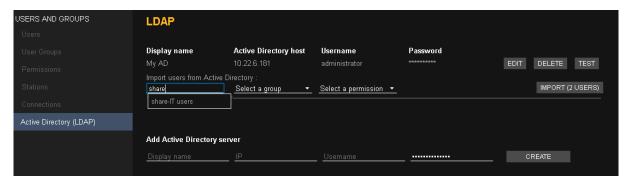


- Server name: Display name of the Active Directory server
- IP: of the Active Directory server
- · Username: Administrator account of your Active Directory
- Password: Password of the administrator account.



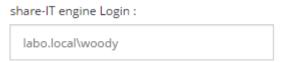
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Once you have added a LDAP server, you will be able to import users. To do so, just type the first letters of the group name in the field "Name group", select the desired group, affect the default Woody group and permission for this AD group, and then select "IMPORT".



When the import is done, a popup will appear with all the account names that was correctly imported.

To log in Share-IT with Active Directory users, users need to type the active directory name, i.e. labo.local\woody



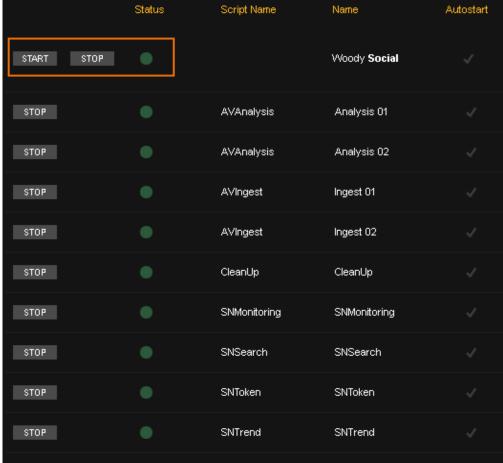
(i) If the Active Directory server is not available, the last known password will be still usable to log in.



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G.Manager tab





- When stopping a script (grey indicator), Share-IT engine will complete its current tasks (scan / analysis/ ingest / outget / check-in) before stopping.
- (i) By default, the Stop button is visible when the script runs, the button Start appears when the script is stopped.

If necessary, the shortcut Alt + D displays for each script, a KILL button. It allows to force the stop of scripts.



The script immediately stops not taking account of the status of running tasks.

Use the shortcut Alt+U to come back to the normal User mode.

To stop all components of the running Share-IT engine application, it is necessary to stop the WoodyShare-IT service through the Windows services console.



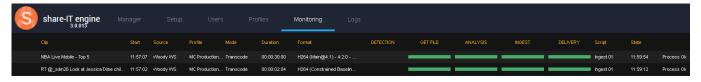
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H. Monitoring and Logs

H.1. Monitoring tab

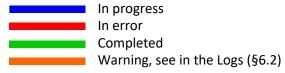
An extensive monitoring is available from **Share-IT engine**

A lighter monitoring version is available from the Adobe® panel



The Monitoring tab displays for each job:

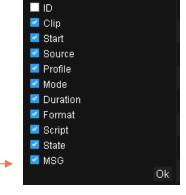
- The name of the source file
- · The profile used
- Date and Time of the last event
- · The status for each step

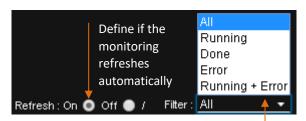


The script involved

You can also stop the running jobs with **STOP** button.

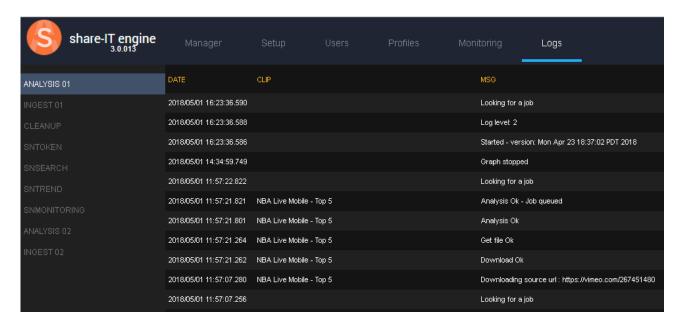
The top right menu, allows to choose——which column to display.





You can apply filters to display only certain jobs.

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Additional log files are located in C:\ProgramData\Woody Technologies\Woody Share-IT\logs

In case of issues with Share-IT engine, please contact the Automate-IT support team at support.automate-it.fr and send the log files from C:\Program Data\Woody Technologies\Woody Share-IT\log

I. Troubleshooting HTML display issues

If HTML pages do not open or display successfully:

- Declare in your browser options, the following address http://127.0.0.1 or the IP address of Share-IT engine server as a "trusted website"
- 2. Check the safety rules of your browser. It must allow:
 - the execution of the Javascript script
 - the execution of XmlHttpRequest queries (on Internet Explorer, the execution of ActiveX controls)



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