	stant Tapeless Technology	Workflows and configuration	T:\Product\Media Partners\Avid\Documents Integration\Integration_Avid_W ebService_V3.0_100708.doc
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Date	Authors	Version	Description
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INTRODUCTION 1

1.1 Scope

The purpose of this document is to explain the integration between EVS and the Avid WebService

1.2 Definitions and acronyms

Acronym	Definition
EWC	Edit While Capture



MAIN FEATURE 2

2.1 Codecs supported:

- IMX 30/40/50 PAL and NTSC
- DVCPRO 50 PAL and NTSC
- DVCPRO HD 100 (1080i50, 720p50, 1080i59.94 & 720p59.94)
- DNxHD
 - Low level 8-bit : 120 Mbps (1080i50, 720p50) & 145 Mbps (1080i59.94 & 720p59.94) 0
 - High level 8-bit : 185 Mbps (1080i50, 720p50) & 220 Mbps (1080i59.94 & 720p59.94) 0

2.2 Metadatas

All the EVS Metadata and the locators are kept •



3 VERSIONS

3.1 Avid WebService Server supported by EVS

- Avid Interplay WS 1.1
- Avid Interplay WS 1.4.1
- Avid Interplay WS 2.0
- Avid Interplay WS 2.0.1

3.2 Avid Interplay Version

• Interplay Framework 1.6, 2.0, 2.1, 2.2.

3.3 EVS XTAccess Version

- **XTAccess 1.10.27**: Release version of XTAccess which does not support the Edit While Capture and the locators
- **XTAccess 1.14.xx**: Release version of XTAccess which supports the Edit While Capture and the locators



4 WEBSERVICE EVS-AVID WEBSERVICE WORKFLOW

With the Avid WebService integration, XTAccess is able to do the "check-in" (referencement) in the Avid Interplay DB and to create Avid MXF OPAtom files compatible with the Avid MediaComposer. So the Avid WebService workflow can replace the Transfer Manager Ingest workflow.

All jobs "to files" can benefit of the Avid WebService integration:

- Backup
- Rewrap
- Stream
- Playlist render
- Playlist export
- Transcodage

4.1 Clip transfer

This workflow is done in one step:

XTAccess will create Avid MXF OPAtom file on the Avid Storage and at the same time will reference the file in the Interplay DB.

4.1.1 Clip/File transfer on Avid storage through XTAccess

- o Select one stream/clip/file or a part of stream/clip/file or a list of clips/files
- Send those clips using one Avid WebService Targets



• The clip is transferred in Avid MXF OPAtom format on the Avid storage and referenced in the Interplay DB.



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P	XTAcces	ss v.1.09.15 [SN: 30] - 1 / 6						X
	Job Type Backup	Source ftp://evs:evsl@172.22.51.1/Seq/	Clip / File 000010B.CLP	Destination D:\test\out\out2\EVS XTAccess 2009_04_06 - 010 B_V01.mxf	Status 48 %	Rate 11.08 [10.47]	Start Time 09:57:44	
	<							>
	Drag'n'drop	Settings New Xml Scan Scan Fol	ders AutoBackup	Abort job			Exit	

The clip referenced in the Avid Interplay Access can be imported in the Media 0 Composer.

Avid NewsEutter XP						
File Edit Bin Clip Special Tools Toolset Windows Transfer Help						
🖬 SuperBin: Danmon SD Bin2	terplay Access - Databases					
Ele Edit	View Operations Tools Help					
Name Start Duration Tracks V Assets			Properties	Categories Rese	ervations	
misel 3 Jansfer 01 00 0000 21 22 VI- bitabasis 201 misel 3 Jansfer 01 00 0000 21 22 VI- bitabasis 201 misel 3 Jansfer 1001 162 11 VI- bitabasis AvidW 201 0141 06317 1001 162 11 VI- bitabasis bitabasis	3 (on Dk-interplay as Administrato Galge Carlos onny Media Discoso Discoso Discoso Tri to Payback checked-in Avid Assets	ingest Items: 26 Selected: 0	Name Comments Created By Creation Dat Duration Media Statur (File Size: 0 Bytes)	Ingest Transfers1 e		
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		2 01	- 610 F testavid	00:00:15:20		
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		23 01	- 611 C heli shot	00:00:13:01		
T Shorts th		2 01	- 611 D 01_EVS1_Re	00:03:43:02		
+ Shoread		= 01	- 611 E teams	00:00:11:14		
There are no	a items to show in this view. 😑 😝	2 01	- 611 F Danmon	00:00:22:08		
	•	= 01	- 612 A Shakira-00	00:00:33:11		
		11 01	- 612 B Shakira-01	00:00:33:11		

4.2 EDL (Playlist or Timeline) transfer

4.2.1 Playlist/Timeline IP Director transfer on Avid storage through XTAccess

Playlist Pane	I(F1)			000	2/	_	_	_
<u>گ</u>	51.7_PGM1	PLSTOLI	10/02		Play Auto-Play Photo	🗃 🛛 Tools 👻 🗚	ssign	
					<			
Time until I	transition	Time until r	next break		Name	LSM ID 4	Nbrot Elements	Dura
00:00	:01:00	00:00			TESTOLIVIERPL		3	00:00:
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Status	Name	Duration	TC IN	TC OUT	tutu	13/06	0	::
-57	OLI1	00:00:01:00	07:54:24:01	07:54:25:01	oli	10/06	0	()
4	OLI2	00:00:01:20	07:55:27:10	07:55:29:05				
-	OLI3	00:00:03:05	07:55:34:15	07:55:37:20				

o Create a playlist or timeline in IPDirector



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Send the playlist to Avid 0

Playlist Panel (F2	2]					8008	-			
🛞 🔨 KNo Cha	annel>	test	14/03							
						New Playlist		_	_	
		UU NEXT	SKIP			Copy clips locally	Rem	ote B	None	
Time until trans	ition	field Time until ne	ASAP xt break			Convert to Timeline			E	
						Send To		Default Bin (N	O BIN SELECTED)	
						Flatten to XT 🔹 🕨		XTA 60170 - 5	51.3	
Duration	Status	Name	TCIN	TCOUT		Back up to nearline	122	YTA 60170 - 9		
00:00:10:00	V ON-LINE	Black Clip				Import	_			
00:00:10:00	V ON-LINE	freestyle01	15:52:46:08	15:52:56:08				Clean Edit Tai		
00:00:10:00	V ON-LINE	Black Clip			And	XTA 60170 - Editor4	And			۱.
00:00:10:00	V ON-LINE	freestyle03			And	XTA 60170 - Editor5	TCP	Final Cut Pro	targets	
00:00:10:00	V ON-LINE	freestyle01		15:52:56:08		×rA 60170 WS Editor4				
00:00:10:00	V ON-LINE	freestyle03		15:55:03:05	And	XTA 60170 WS Editor5		File targets		
00:00:10:00	V ON-LINE	freestyle05	15:56:53:11	15:57:03:11	And	XTA 60170/2 - EDLOnly		CleanEdit-Ref		
	No Au	iliary clip		Ar	200	XTA 60170/2 - Export EDL Avid		Add File Archi	ve Target	
					And	XTA 60170/2 - Export EDL Avid 2	X	Remove File 4	Archive Target	

All clips/files present in the playlist are transferred and referenced in the Interplay DB. 0 A sequence corresponding to the playlist/timeline with the effects is also created in the Interplay DB.

Avid Interplay Access - Databases					Ľ 2
<u>File Edit View Operations Tools Help</u>				9	
▼ Assets			No properties to) show	
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AvidWG (on Editor5) - not connected	Items: 4 Selected: 0 (File Size: 0 Bytes)	(DNxHD 1080 1	11 💌 🦲 test 1*	Filters	
	=]= Name	= AV_EVS_CLIPNAME	= Duration	= EVS_TC_IN	I = EVS_Short_IN
	😑 🖽 OLI1-Part1		00:00:03:00	07:54:23:01	07:54:23:01
	😑 🖽 OLI2-Part1		00:00:03:20	07:55:26:10	07:55:26:10
	😑 🥅 PLSTOLI		00:00:06:00		
	💛 🖾 OLI3-Part1		00:00:05:05	07:55:33:15	07:55:33:15
	1				

You can then import the sequence into MediaComposer 0

1	**	1080-dvg 4Ha 1080-e-g aHa 1080-dv	paiks Managerates	10005-0-19-044	1000-0-9-4144		10001414-0444	1000ievparka
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	0		0000 1000	an on the set	00.20.00	00.00.24.00	00000000	00.00.00



4.2.2 Effects

All playlist or timeline effects from IPD can be exported to Avid.

Playlist Panel (F1)												9	000
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)							
Status	AssetItem	Name	Duration	Video Effect		Video Fx Dur.	Audio Effect		Audio Fx Dur.	Audio Level	Tags	Speed	Split Audio	TC IN
V ON-LINE	0 0				~			~						00.5
V ON-LINE					~			~						00.5
✓ ON-LINE					~			~						00:5
V ON-LINE	Ø				~			~						00.5
V ON-LINE	0 0				~			~						00.5
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V ON-LINE					~			~						00:5
V ON-LINE					~			~						00.5
V ON-LINE	0 0				~			~						00.5
V ON-LINE	Ð	1080idvpal4a	00:00:04:00	Cut	~	00:00	Cut	×	00\$00	0		100 %	00:00	00:5
<					Ш						1			>
	_	No /	Auxiliary clip	_			_			Apper	id Zone	_	_	
		END CUE : OFF		ļ		As	: Run Log					Post-Roll : OFF		

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					antia Pillingana	-	Commente	C. Stationer gets
10	R	0100 01-00 04-00	00 00 10 00	00.00 10.00	00.00.20.00	00 00 24 00	00 00 00 00	00 00 34 0



5 CONFIGURATION

To use the Avid WebService workflow, you only need XTAccess and the Avid WebService Server. You do not need to install something else as the Avid WebService Client is included in XTAccess.

5.1 Configuring the Avid Interplay WS Port

If you are installing Avid Interplay WS on the same machine as an Interplay Engine or the same machine as another WebService, you may need to change the port that Avid Interplay WS uses. For production environments, however, Avid highly recommends that no other Web server runs on the same machine.



Note

You can check ports already used on the computer using the following command trough the command prompt,

Netstat – a – n

Before changing the Web Service port, check if this one is available. If you have changed the port, after the restart of the computer/service, you can check that the port is in a 'Listening' state

Example: If you have change the port to "9000" you will have the following line in the dos windows.

Active Proto	Connections: Local Address	Foreign Address	State	
 TCP	0.0.0. :9000	0.0.0.0 :0	LISTENING	

You can change the port in this file: C:\Program Files\Avid\Avid Interplay Web Services\apache-tomcat\conf\server.xml

Search for the *port="80"* in the *server.xml* file and replace the port number with your desired HTTP port.



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After turning off a conflicting server or changing the ports of Avid Interplay WS, you need to restart the Avid Interplay WS service. You can do this via the Services console in Administrative Tools section of the Windows Control Panel.

📙 Computer Management							- 🗆 🗙
📕 File Action View Window H	elp						X
← → 🗈 🗷 🗗 🔂 😫							
Computer Management (Local)	🖏 Services						
Event Viewer Shared Folders	Avid Interplay WS	Name A	Description	Status	Startup Type	Log On As	•
Cocal Users and Groups Groups Groups Groups Device Manager	<u>Stop</u> the service <u>Restart</u> the service	🎇 Alerter 🌄 Application Layer Gateway Service 🌄 Application Management	Notifies sel Provides s Provides s	Started	Disabled Manual Manual	Local Service Local Service Local System	
Storage Removable Storage Sto	Description: Avid Interplay Web Services	ASP.NET State Service Automatic Updates Avid Interplay Media Indexer	Provides s Enables th Indexes m Avid Intern	Started	Manual Disabled Manual Automatic	Network S Local System Local System	
Services and Applications Services WII Control MI Control Indexing Service		Avid Interplay WS AIF Services	Avid Interp Interplay Acts as the	Started Started Started	Automatic Automatic Manual	Local System Local System Local System	

Note

Be careful if you upgrade your Avid WebService Server this setting will be erased.



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5.2 Configuring the Workgroup Name to Server Mapping

Avid Interplay WS uses a workgroup name to map requests to the Interplay Engine. You need to configure this mapping to match your environment. This configuration is done via the Avid Interplay Framework.

Go to Start->All Programs->Avid->Interplay Framework->Avid Interplay Service Configuration

Find the Avid Interplay WS service, and add the workgroup name to Interplay Engine mapping. For example, the following would signify a workgroup called "AvidWG" that maps to the computer where the Avid Interplay Engine is running and which calls "editor5".

Avid Interplay Service Configuration	Ľ	2 🔀
<u>F</u> ile <u>Action</u> <u>View</u> <u>H</u> elp		
Hosts Processes	Apply Apply To Reset	
🕶 📴 Avid Workgroup	Configuraton	
🔻 晃 editor5		
— 晃 Avid Interplay Media Indexer		
— 😓 Avid Interplay WS	Workgroup Name Server Mappings	
— 晃 Avid Lookup Service 📃 🗉	AvidWG editor5	
— 🜷 Avid Machine Monitor Service		
— 🜷 Avid Multicast Repeater		
- 😓 Avid System Configuration Service		
📃 💷 🖳 Avid Time Synchronization Service 🖉		

Or

Workgroup Name to Server Mappings							
WG Name	Interplay Engine	Archive Engine	Media Services Engine				
AvidWG	editor5						

Click Apply to apply the changes and then exit the service configuration tool.

The Avid Interplay WS is now installed and configured. You can access online documentation by pointing to the server (and configured port, if applicable) in the browser. For most installations, this will be at http://[localhost]:[port]/



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🗿 Avid Interplay WS - Microsoft Internet Explorer	_ 🗆 🗙
Eile Edit <u>Vi</u> ew Favorites <u>I</u> ools <u>H</u> elp	
🕲 Back 🔹 🕥 👻 📓 🏠 🔎 Search 🤺 Favorites 🚱 🔗 - 😓 🧱	
Address 🙆 http://localhost:9000/	🔽 🄁 Go 🛛 Links 🎽
Avid Interplay WS Documentation	
Version 2.0.1	
Reference Guide	
Interplay WS Reference Guide	
WSDLs and XSDs	
Interplay WS Common XSD	
Interplay WS Assets XSD	
Interplay WS Archive WSDL	
Interplay WS Archive XSD	
Interplay WS Infrastructure VSD	
Interplay WS Jobs WSDL	
Interplay WS Jobs XSD	
Interplay WS Transfer WSDL	
Interplay WS Transfer XSD	•
Done	Local intranet

5.3 Configuration of the WS target in IPD

You can create Avid WebService targets in IPD 5.7.

File Tools Restart All R	emote Installer 🛛 Refr	esh									
- WorkGroup :	RAN (1 Machine	:)		Start all Program	s	Stop all Running Program	ns Install Version	Configure	Launch Pl	ugin 🚺)atabase : 172.22.52.9
I49_IPDTEST_PC (IPD-Routing Synchrob 05.75.90 05.75.90	172.22.52.9) B IP-Director 55.75.90 Edit WorkGroup 'r	IP-Schedi n5 75 90 ran ' Ge r	ller VTR Engine IP D. 05 75 90 05 7 neral Parameters	rive IP API 5 90 05 75 90	ſ	ummary IPD-Routing has 4 physic SynchroDB is in Network	al connections (AVH-RS422-1 Mode.	I, AVH-RS422	-2, AVH-RS422-3	, AVH-RS422-4)	<u>ح</u>
	General XT Net	tworks L	AN and WAN 🛛 🕎 SynchroD)B 🎇 XML Unit 💋	Thi	umbnals Targets IF Logger Targets Configurati	Export Near Line Managem	ent Lo-Res M	4anagement De	fine varID 🔹	v 05.75.
Show All Targets Sand AV/to: File On Shared Drive Avid Web services host format: http://[b][port]/services/Assets Avid					anager. 5 services.						
	Final Cut Pro Name Target Type			Avid Ingest Device / Web services Host	Workspace Name / Interplay URI	Interplay User	Password	Destination pa			
	Clean Edit		×TA 60170 - Editor5	Transfer Manager	~	EVSDevice	RAN				
	An×T on		XTA 60170 · Editor4	I ransfer Manager	~	EVSDemo	HAN	- 0		11-2011-0-04	
	another network		XTA 60170/2 · Export EDL	Web services	* *	http://192.168.10.232:9000	interplay://AvidWG/Incomi	editor	avid	\\sd01\ingest	

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		Name	Target Type	Avid Ingest Device / Web services Host	Workspace Name / Interplay URI	Interplay User	Password	Destination path	XML Unit	Playlist Backup Type	Publish
ĺ	•	XTA 60170/2 - Export EDL	Web services	http://192.168.10.232.9000	interplay://AvidWG/Incomi	editor	avid	\\sd01\ingest\A 💊	XTA - Xstore60170 2	🖌 EDL and clips 🛛 🔽	Publish
		XTA 60170/2 - Flattern Avid	Web services	http://192.168.10.232.9000	interplay://AvidWG/Incomi	editor	avid	\\sd01\ingest\A 💊	XTA - Xstore60170 2	EDL and clips	Publish
		XTA 60170/2 - EDLOnly	Web services	http://192.168.10.232:9000	interplay://AvidW/G/Incomi	editor	avid	\\sd01\ingest\A 💊	XTA - Xstore60170 2	Flatten file only	Publish
		XTA 60170 WS Editor4	Web services	http://172.22.53.1:9000/se	interplay://AvidWG/Incomi	administrator		\\172.22.53.1\A 💊	XTA - Xstore60170	🚪 EDL and clips 🛛 💌	Publish
		XTA 60170/2 - Export EDL	Web services	http://192.168.10.232:9000	interplay://AvidWG/Incomi	PPU	ppu	\\sd01\ingest\A 💊	XTA - Xstore60170 2	🚪 EDL and clips 🛛 💌	Publish
		XTA 60170 WS Editor5	Web services	http://172.22.53.3:9000/se	interplay://AvidWG/Incomi	administrator		\\172.22.53.3\d\ 💊	XTA - Xstore60170	EDL and clips 🔜	Publish

- Name: Name of the IPD Target
- Target Type: Select Web Services to create Web Services Target
- Web service Host : "http://[ip]:[port]/services/Assets" link to the Web Service on the Avid Interplay System, You have to replace :
 - [IP] by the IP address of the computer where the Avid web Services are running
 - [PORT] by the port that you have configured for your Avid Web Services (example : 8080)
- Interplay URI: "interplay://[workgroup]/Incoming Media/" path where the clip/playlist will be seen in the Interplay DB. You can add sub-folder after the Incoming Media folder. You have to replace:
 - [Workgroup] by your Avid workgroup

Example: interplay://AvidWG/Incoming Media/EVS Media/Monday/

Avid Interplay Access - Databases		L 7
<u>File Edit View Operations Tools H</u> elp		🔍 🔽 🖂 (
Assets Assets Assets AddW6 (op.ettior5 as Administrator) AddW6 (op.ettior5 as Administrator) AddW6 (op.ettior5 as Administrator) Addw6 (op.ettion5 as Ad	Properties Categories Reservations Mame Monday Comments	
► 🥑 Deleted Items	🗀 Monday 🔍 Search	
	Items: 1 Selected: 0 (File Size: 0 Bytes)	Filters 🔍 🗐 🖬 🖩 🗐 🖬 🤇
		<u>= EVS_Short_IN_</u> 18:33:32:15 18:33:37:15

- Interplay User: Interplay user which must have enough rights to do 'check-in' into Interplay.
- **Password**: Password of the previous user
- **Destination Path**: Path where the OPAtom will be saved on the Avid Storage. Be careful that the Destination path must be the folder where the Avid MXF OPAtom files are stored on the Avid system. Example: \\172.22.53.3\Avid MediaFiles\.
- XML Unit: XTAccess Xml unit used to execute the target
- **Playlist Backup Type**: define the type of the backup for the playlist and timeline:
 - EDL + Clips : XTAccess will transfer all the clips and create a sequence which will reference all the media of the playlist or timeline
 - o EDL only : not supported
 - Flatten file only: XTAccess will concatenate the playlist or the timeline in one media before transfer it to Avid



5.3.1 Destination target Path

The destination path must be the Avid Storage which is monitored by the Avid Media Indexer. Avid has different storages. For some Avid storages (like ISIS Unity) it is necessary to install some drivers (like Avid Unity ISIS Client) on the XTAccess computer to be able to access the Avid Storage.

Please contact Avid and EVS support to know how access your Avid storage.



Note

The destination path cannot be accessible from IPD. It should only be accessible from XTAccess.

5.4 Configuration of XTAccess (if you don't have IPD 5.7)

If you are not using IPD 5.7 and you want to use the Avid WebService: you can force the WebService usage in XTAccess. All the jobs "to files" in Avid MXF OPAtom will then be referenced in the Avid Interplay DB.

🖾 XTAccess v.1.14.8 [SN: 1230] - 0 / 3	
Job Type Source	XTAccess Settings [2MB Blocks EVS Mxf]
	To File (Backup - Rewrap) Keep the wrapper/codec from the XML job Force the wrapper format to: EVS MXF Inscode the source media using the Default File Transcoding Profile' Audio Format SuperMotion Mode Real Time [1/2 or 1/3 frames with audio] Aldio Format If bits C 24 bits (for OP1A, QT, QT Ref, OPAtom and Wav) Number of the source media using the Default File Transcoding Profile'
<	Destination file's native TimeCode: Primary TC [as displayed by XT]
New Xml Scan Scan Folders	Profie: PCM_XTATranscode.profile.xml
Xml Scan [1] - 0 / 3 XML Root: C:\XTAccess_XML\ XML Scan settings Open START	To XT server (Restore - Copy - Transfer) Transcode the source media using the 'Default XT Transcoding Profile' Remove source file if Restore/Copy is successful Default XT Transcoding Profile (for to XT jobs and render of playlist to XT) Profile:

Then go into the "XML SCAN Settings" windows and click on "NLE config".

Fax: +32 4 361 70 00



NLE Config :

N	LE Config		
	NLE	Avid	C Active
Γ	NLE Config		
	EDL Path	C:/	
	🔲 Interplay Check I	'n	
	Interplay User		
	Interplay Password		
	Web Services Host	http://[your IP address]:8080/services/Assets	Test connection
	Interplay URI	interplay://[your Avid Workgroup]/Incoming Media/[optional(s) folder(s)]	
		Cancel	

- Active : Allows you to activate or not the global XTAccess Web Service settings
- **Save AFF to disk**: Allows you to back up the AAF on disk before 'check-in' into Avid Interplay. This AFF can then be used to directly drag your transferred clip or playlist into MediaComposer without using Avid Interplay Access.
- AAF path: Path where you want to store your AAF file
- Interplay Check In: Allows you to activate or not the Interplay 'check-in'.
- Interplay User: Interplay user which must have enough right to do check-in into Interplay.
- Interplay Password: Password of the previous user
- Web Services Host: link to the Web Service on the Avid Interplay System, You have to replace :
 - [IP] by the IP address of the computer where the Avid web Services are running
 - [PORT] by the port that you have configured for your Avid Web Services (example : 8080)

You can also test the connection by clicking on the "test connection" button



ay User	administrator		Carrier Calcon Financiage Forois Calcon :
ay Password			
ervices Host	http://172.22.53.3:8082/services/Assets	Test connection	Adresse 🔄 http://172.22.53.3:8082/services/Assets?wsdl
ay URI	interplay://AvidWG/Incoming Media/tutu/		xml version="1.0" encoding="utf-8" ?
			- <wsdl:definitions< td=""></wsdl:definitions<>
			<pre>xmlns:mtom="http://schemas.xmlsoap.org/ws/2004/09/policy/optimizedmimeserializatior xmlns:soap="http://avid.com/interplay/ws/assets" xmlns:types="http://avid.com/interplay/ws/assets" xmlns:types="http://avid.com/interplay/ws/assets/types" xmlns:wsd="http://www.w3.org/sorg/wsd/" xmlns:wsp="http://www.w3.org/2001/XMLSchema" name="Assets" tarrotHXmespace="http://avid.com/interplay/ws/assets"></pre>

Interplay URI: Path where the clip/playlist will be seen in the Interplay DB. You can add sub-folder after the Incoming Media folder. You have to replace: [Workgroup] by your Avid workgroup 0

Example: interplay://AvidWG/Incoming Media/EVS Media/Monday/

Avid Interplay Access - Databases						브 최
<u>File Edit View Operations Tools Help</u>					Q	👿 🖂 (
Assets Assets AddWG (opciditor5 as Administrator) Contallogs Contallogs	P	Properties Cat Name Mo Comments	egories Reservati Inday ministrator	ions		
► 🥑 Deleted items	Monday See Items: 1 Selected: 0 (File S Example: 1 Selected: 0 (File S Example: 1 Selected: 0 (File S Example: 1 MX30 NTSC	arch ize: 0 Bytes) e = A 2009	DNxHD 1080 11 V_EVS_CLIPNAME _03_12 - IMX30 NT	1 test 1* Duration 00;00;20;00	Filters EVS_TC_IN 18:33:32:15	



LIMITATIONS 6

- Only the version 1.14.XX of XTAccess supports the Edit while Capture and the locators
- There is not locator in the Avid sequence after backup of playlist through WebService



7 DEBUG

If you have some troubles with the Avid WebService don't hesitate to reboot the Avid Webservices Service

🖶 Computer Management							- 🗆 X
📕 File Action View Window Help							
Computer Management (Local)	🖏 Services						
Event Viewer Shared Folders	Avid Interplay WS	Name A	Description	Status	Startup Type	Log On As	
Grand Constraints Grand Constraints	<u>Stop</u> the service <u>Restart</u> the service	🍓 Alerter 🍓 Application Layer Gateway Service 🍓 Application Management	Notifies sel Provides s Provides s	Started	Disabled Manual Manual	Local Service Local Service Local System	
Storage Generation Storage Generation Storage Generation Storage Generation Storage Generation Storage	Description: Avid Interplay Web Services	ASP.NET State Service Automatic Updates Automatic Updates	Provides s Enables th Indexes m	Started	Manual Disabled Manual	Network S Local System Local System	
 Disk Management Services and Applications Services 		Avid Interplay Transfer Cache Engine Avid Interplay WS Avid Interplay WS AIF Services	Avid Interp Avid Interp Interplay	Started Started Started	Automatic Automatic Automatic	Local System Local System Local System	
WMI Control		Avid Lookup Service	Acts as the	Started	Manual	Local System	

7.1 Error messages

25000 - WS method invocation failed Avid Web Service method invocation failed

25005 - HTTP Error 404 (not found).

Make sure the Avid Web Service is up and running. You can check the status and restart both services in "Control Panel/Administrative tools/Service"

Make sure the provided server URI is correct and accessible from the system running XTAccess.

Sample of URI --> interplay://[your Avid Workgroup]/Incoming Media/[optional(s) folder(s)] interplay://AvidWG/Incoming Media/From_XTA_1

25010 - Invalid SOAP endpoint.

Check the URI defined in XTAccess NLE or IPD target The URI provided is not a valid SOAP end point Make sure the Avid Web Service URI is specified correctly; Make sure the URI doesn't ask for the wsdl file

25015 - Invalid SOAP response format SOAP response returned by Avid cannot be read

25500 - AWS Invalid Credentials

Avid Web Services replied "The username or password is incorrect."

Message = [The username or password is incorrect] - Details = [Unable to login user administrator to workgroup AvidWG.].

Check that the Password and user are correct. Check that you have enough license connection.

25505 - AWS Access Denied Avid Web Services replied "The user does not have access to the requested resource 25510 - AWS Invalid Parameter Avid Web Services replied "An invalid parameter was used

25515 - AWS Object Not Found. Avid Web Services replied "The requested object was not found"

25520 - AWS Path Not Found Avid Web Services replied "The requested path was not found

25525 - AWS Binary Transfer Error. Avid Web Services replied "The attached file could not be processed

25530 - AWS Max Results. Avid Web Services replied "The maximum number of results has been reached"

25535 - AWS Other Error. Avid Web Services replied "An uncategorized error has occurred

25540 - AWS Unsupported Error. Avid Web Services replied an unsupported error.

25600 - AWS URI was empty.

The operation to perform using Avid Web Services (CheckIn, Search, Create a folder, etc.) was asked to execute with an empty URI.

25605 - Malformed AWS URI

The URI provided in the XML job file was refused by EVS NLEs library. Refer to ExtraInfo for more details.

Check the URI starts by "interplay://". Check the Workgroup exists in Interplay, on the computer that host Avid Web Services

(you can find its IP address in the http address provided in NLE/CheckIn/@host), launch Avid / Interplay Framework / Avid Interplay Service Configuration.

Wait a minute for the hosts to appear. Click on "Avid Interplay WS" on the left tree, then check the "Workgroup Name Server Mappings" is fulfilled.

The value on the left table MUST match with the workgroup you have on the URI.

25615 - AWS URI was empty.

The checkin to perform using Avid Web Services was asked to be done in an empty URI.

25620 - AAF Data Null Or Empty.

The checkin to perform using Avid Web Services was asked to process a null or empty AAF data.

25625 - AAF source path empty.

The check-in operation referred to an empty AAF source path.

25630 - AWS empty Attribute name

The Search operation to perform using Avid Web Services contained a Search condition in which the Attribute name to look for was empty.

25635- AWS empty Attribute value

The Search operation to perform using Avid Web Services contained a Search condition in which the Attribute value to look for was empty.

25640 - AWS unsupported tag cardinality.

The SOAP response sent by Avid Web Services to EVS NLEs library has a structure that is not supported.



25800 - AAF not initialized.

25802 - AAF Plugins were not registered.

25804 - Failed to open the AAF file. Failed to open the AAF file in memory.

25806 - Failed to open the AAF file.

25808 - Failed to get AAF file headers.

25810 - Failed to get AAF dictionary.

25815 - Failed to lookup class definition in AAF dictionnary.

25820 - Failed to generate EDL.

25825 - Failed to close AAF file.

25830 - Failed to save EDL. The generation of the EDL file succeeded but it cannot be saved to disk.

25835 - Failed to load AAF DLLs.

The application failed to load AAFCOAPI.dll, AAFINTP.dll or AAFPGAPI.dll. These DLL are required for creating / restoring AAFs.

Check the DLL are installed in C:\Program Files\EVS Broadcast Equipment\XTAccess\aaf.

7.2 XTAccess logs



XTAccess logs are located in C:\EVSLogs\XTAccess.

With the version 1.14 of XTAccess: the logs of XTAccess will be saved after each reboot of XTAccess in a sub folder with the date and time of the reboot.

If you have some issues: you can send them to EVS support for deeper analysis. It's easier if you compress the whole XTAccess folder.