

# IPTV MANAGER PRO v1.2 QUICKSTART GUIDE



Encoded Media IPTV Manager								_ 🗆 ×
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🗆 🌐 Overview	All (264) Active (28)	Warnings (246) New	w (1)					
🗉 🔲 Set Top Boxes	IP	Host Name	Location		Alias	Notes	Version	Status
Video Libraries	🅸 192.168.9.196	camtest	K	eu.			4.3-~pre9	Service stopped
TV Servers			A	dd TV Server	N Ins			
			Ci Sł	opy how Channel Thur	nbnails			
			То	ools	•			
			D	elete	Ctrl+Del			
			Pr	roperties	Alt+Enter			
Varian 1 21 221	•					davisa 1 salastad		Pupping
Version 1.2.1.331	•				1	device, 1 selected		Running

# Installing a new TV Server or HD Encoder

### Adding a hardware appliance to the IPTV Manager database

With the **TV Servers** node selected in the left navigation pane:

- 1. Press the Insert key on your keyboard, or choose Add Server from the Tools menu
- 2. Type or paste the address of the appliance in question into the **TV Server IP** field
- 3. Press the Add button

The TV Server or HD Encoder will then be added to the list of servers on the right.

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Overview	All (020) Active (828) V	Varnings (47)   New (1)						_	1		)
Set Top Boxes	IP	Location		Status	Channel	Volume	Last Seen	Reso	1 C	SELECTIN	
	10.95.23.69 (DHCP)	UK/Bath/Dorset/01/Me	eeting Room/1-G	Playing	Bloomberg UK	100	2014/10/26 20:50:50	1080			
Explore by Server	10.95.21.231 (Static) 10.95.21.230 (Static)	UK/Bath/Dorset/01/1N	107A 107B	Playing	BBC News	0	2014/10/26 20:50:30	1080		F2 F3	F4
Groups	10.95.16.232 (DHCP)	UK/Bath/Hampshire			BBC News	100	2014/10/26 20:50:35	1080	Carrant		
	10.95.16.93 (DHCP)	UK/Bath/Hampshire,	Refresh	ES CILLER	BBC News	100	2014/10/26 20:50:41	1080	MENU		BACK
	() 10.95.12.167 (DHCP)	UK/Bath/Wiltshire/0	Refresh All	Ctrl+F5	Bloomberg UK	82	2014/10/26 20:50:23	1080		-	~
TV Servers	10.95.11.88 (DHCP)	UK/Bath/Wiltshire/0	Add Device	Ins	Sky News	35	2014/10/26 20:50:43	1080			
Channels	10.95.10.68 (DHCP)	UK/Bath/Wiltsnire/U	On-screen Infor	mation 🕨	TV1 London	0 97	2014/10/26 20:50:55 2014/10/26 20:50:43	1080	•	OK	•
Recordings	10.95.4.54 (DHCP)	UK/Bath/Interactive	Сору		BBC News	52	2014/10/26 20:50:49	PAL			
-	10.95.1.229 (Static)	UK/Bath/Littledown	Columns		BBC 1 London	100	2014/10/26 20:50:53	1080		~	
	10.93.136.27 (Static)	UK/London/70ER/B1	Group	•	BBC Parliament	70	2014/10/26 20:50:23	PAL :			
	10.68.197.67 (DHCP)	Sweden/Stockholm/	Change Channe	. •	Bloomberg UK	100	2014/10/26 20:50:22	720p	EXIT		INFO
	10.68.197.27 (DHCP)	Sweden/Stockholm/	Set Volume	•	Bloomberg UK	100	2014/10/26 20:50:36	720p		PgUp	-
	10.67.144.34 (DHCP)	ROI/Dublin/unknow	Tools	•	Query Now	100	Ctrl+0 26 20:50:52	1080	<b>I</b> + .		+
	10.67.140.81 (DHCP)	UK/London/Bridge	SnapShots	•	Ping		Ctrl+P 26 20:50:44	1080	CHANNEL	Pathown	VOLUME
Version 1.2.1.294		828 d							- 1		- 1
		_	Delete	Ctrl+Del	Generate Ren	note Key			-		
			Properties	Alt+Enter	Remote Con	trol	Ctrl+R		•	► (II)	
Remote controlling	wour set tor	hoves			Browse to Ser	rver 🖓	01 T				-
	your set top	DUXUS			Connect as Er	ngineer	Ctrl+1		1.:/	2abc	3def
Using the virtual IR remote tool to con	trol one or more devices	remotelv			Run Commar	nell nd	Ctrl+N				Concession of the local division of the loca
With the Set Top Boxes node selected	in the left navigation pane	): 			Test Stream		Current		4 <sub>ahi</sub>	5ikl	6mno
1. Highlight one or more target boxe	s individually, in a range, c	or by selection			Open Source	URL					
2. Right-click any of the highlighted e	entries				Last Packet		Ctrl+L		7pqrs	8tuv	9 <sub>wxyz</sub>
3. Choose <b>Tools</b> from the pop-up me	enu that appears, then clic	k Remote Control			Set Location	Ctr	rl+Alt+L				10
The virtual remote tool will be displayed	Left click the virtual butto	ons on the remote with y	your mouse to trigg	1er	Set Network I	IP Ct	trl+Alt+I		L'.		0
them and send the command to the tar	get boxes you have select	ed.		,0,	Set Server	Cti	rl+Alt+S				
					Reboot						-
					Upgrade						

Encoded Media IPTV Manager										-	□ ×
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🗆 🌐 Overview	All (828) Active (828) W	Varnings (47)	) New (1)								
Set Top Boxes	IP	Location			Status	Channel	Volume	Last Seen	Resolution	Network	•
⊕ Explore by Location	👳 10.95.23.69 (DHCP)	UK/Bath/D	orset/01/Meeting R	oom/1-G	Playing	Bloomberg UK	100	2014/10/26 20:48:15	1080i - UK	Auto Full Duplex 100	_
Explore by Server	10.95.21.231 (Static)	UK/Bath/D	orset/01/1N07A		Playing	BBC News	0	2014/10/26 20:47:55	1080p - UK 1080p - UK	Auto Full Duplex 100	
Groups	10.95.16.232 (DHCP)	UK/Bath/I	Defende		Playing	BBC News	100	2014/10/26 20:48:00	1080p - UK	Auto Full Duplex 100	
O Video Libraries	10.95.16.93 (DHCP)	UK/Bath/I	Refresh All	Ctrl+F5	Playing	BBC News	100	2014/10/26 20:48:07	1080p - UK	Auto Full Duplex 100	
	10.95.12.167 (DHCP)	UK/Bath/\	Add Device	Ins	Transiti	Bloomberg UK	82	2014/10/26 20:47:48	1080p - UK	Auto Full Duplex 100	
	10.95.10.68 (DHCP)	UK/Bath/	0		Playing	Bloomberg UK	0	2014/10/26 20:48:07	1080p - UK	Auto Full Duplex 100	
Channels	10.95.6.107 (DHCP)	UK/Bath/I	On-screen Info	rmation	Playing	ITV1 London	97	2014/10/26 20:48:07	1080p - UK	Auto Full Duplex 100	
Recordings	🏶 10.95.4.54 (DHCP)	UK/Bath/I	Columns		Playing	BBC News	52	2014/10/26 20:48:15	PAL SD - UK	Auto Full Duplex 100	
	🖗 10.95.1.229 (Static)	UK/Bath/L	Columns		Playing	BBC 1 London	100	2014/10/26 20:48:18	1080p - UK	Auto Full Duplex 100	
	10.93.136.27 (Static)	UK/Londc	Group	•	Playing	BBC Parliament	70	2014/10/26 20:47:47	PAL SD - UK	Half Duplex 100Mbit/s	
	10.68.197.67 (DHCP)	Sweden/S	Change Chann	el 🕨	BBC 1	London	100	2014/10/26 20:47:47	720p HD - UK	Auto Full Duplex 100	
	10.68.197.27 (DHCP)	Sweden/S	Set Volume	•	BBC 2	London	100	2014/10/26 20:48:01	720p HD - UK	Auto Full Duplex 100	
	10.68.197.21 (DHCP)	Sweden/S			11/11	ondon	100	2014/10/26 20:47:43	720p HD - UK	Auto Full Duplex 100	
	🖗 10.67.144.34 (DHCP)	ROI/Dubl	Tools	•	Charle		100	2014/10/26 20:48:17	1080p - UK	Auto Full Duplex 100	
	10.67.140.81 (DHCP)	UK/Londo	SnapShots	•	Chan	nel 4	73	2014/10/26 20:48:09	1080p - UK	Auto Full Duplex 100	
Version 1.2.1.294			Delete	Ctrl+Del	CNBC	Europe				R	unning
			D	Alt F	Bloon	nberg UK					
			Properties	Alt+Enter	BBC	lews					
					Sky N	ews					
					Euron	ews					
					BBC F	arliament					
Colocting boyes	and abana		boppel		Sky S	oorts1					
Selecting boxes	and chang	jing c	nannei		Sky Sj	oorts2					
					Sky Sj	ports3					
Changing the displayed TV chan	nel on one or more set	top boxe	S		BBCF						
With the Set Top Boxes node sel	ected in the left navigat	ion pane:			Intern	al 1					
		·			Intern	al 2					
<ol> <li>Highlight one or more target</li> </ol>	boxes individually, in a	range, or	by selection		intern	a15					

- 2. Right-click any of the highlighted entries
- 3. Choose **Change Channel** from the pop-up menu, and select the new channel from the submenu that appears

In the image above, a range of seven boxes has been selected. When the menu entry is selected, each box in the selection will be changed to *CNN Europe*.

Encoded Media IPTV Manager											. • ×
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🖃 🌐 Overview	All (828) Active (828) W	/arnings (47)	New (1)								
Set Top Boxes	IP	Location			Status	Channel	Volume	Last Seen	Resolution	Network	*
⊕ Explore by Location	10.95.23.69 (DHCP) 10.95.21.231 (Static)	UK/Bath/Doi UK/Bath/Doi	rset/01/Meeting Ro rset/01/1N07A	oom/1-G	Playing Playing	Bloomberg UK BBC News	100 0	2014/10/26 20:48:54 2014/10/26 20:49:13	1080i - UK 1080p - UK	Auto Full Duplex 100 Auto Full Duplex 100	
Explore by Server	10.95.21.230 (Static)	UK/Bath/Do	rset/01/1N07B		Playing	BBC News	0	2014/10/26 20:48:56	1080p - UK	Auto Full Duplex 100	
Groups Video Libraries	10.95.16.232 (DHCP) 10.95.16.93 (DHCP)	UK/Bath/Har UK/Bath/H	Refresh All	F5 Ctrl+F5	Playing laying ransiti	BBC News BBC News Bloomberg LIK	100 100 82	2014/10/26 20:49:17 2014/10/26 20:49:24 2014/10/26 20:49:06	1080p - UK 1080p - UK 1080p - UK	Auto Full Duplex 100 Auto Full Duplex 100	
TV Servers	10.95.11.88 (DHCP)	UK/Bath/W	Add Device	Ins	laying	Sky News Bloomberg UK	35	2014/10/26 20:49:25	1080p - UK	Auto Full Duplex 100 Auto Full Duplex 100	
Channels Recordings	10.95.6.107 (DHCP) 10.95.4.54 (DHCP) 10.95.4.54 (DHCP)	UK/Bath/H UK/Bath/Ir	On-screen Info Copy Columns	ormation 🔸	laying laying laying	ITV1 London BBC News	97 52	2014/10/26 20:49:25 2014/10/26 20:49:25 2014/10/26 20:48:53	1080p - UK 1080p - UK PAL SD - UK	Auto Full Duplex 100 Auto Full Duplex 100 Auto Full Duplex 100	
	10.95.1.229 (Static) 10.93.136.27 (Static) 10.68.197.67 (DHCP)	UK/Londor Sweden/St	Group Change Chang	→ nel	laying laying laying	BBC I London BBC Parliament Bloomberg UK	70 100	2014/10/26 20:48:56 2014/10/26 20:49:05 2014/10/26 20:49:04	1080p - UK PAL SD - UK 720p HD - UK	Auto Full Duplex 100 Half Duplex 100Mbit/s Auto Full Duplex 100	
	10.68.197.27 (DHCP) 10.68.197.21 (DHCP)	Sweden/St	Set Volume	· +	Mute	E Ctrl+M	100	2014/10/26 20:49:19 2014/10/26 20:49:01	720p HD - UK 720p HD - UK	Auto Full Duplex 100 Auto Full Duplex 100	
	10.67.144.34 (DHCP) 10.67.140.81 (DHCP)	ROI/Dublir UK/Londor	Tools	•	UnM	ute Ctrl+U	100 100 73	2014/10/26 20:48:56 2014/10/26 20:49:26	1080p - UK 1080p - UK	Auto Full Duplex 100 Auto Full Duplex 100	-
Version 1.2.1.294		_	SnapSnots		30%	[				R	unning
			Delete	Ctrl+Del	50%						
			Properties	Alt+Enter	60%	3					
Adjusting volume le	evels				70% 75%						
Setting the audio level on one or more	e set top boxes				80% 85%						
					90%						
1. Highlight one or more target boxe	s individually, in a range, o	r by selection	1		92%						
2. Right-click any of the highlighted e	entries				94%						
3. Choose <b>Set Volume</b> from the pop that appears	-up menu, then select the	desired volum	ne level from the s	ubmenu	90% 98% 100%						
Note. 100% is the maximum permissible	e audio level and mute is of	Ч.			100 /						

In the image above, a range of seven boxes has been selected. When the menu entry is selected, each box in the selection will have its volume lowered to half (i.e. 50%).

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🖃 🌐 Overview	All (828) Active (828) V	Varnings (47) New (1)								
Set Top Boxes	IP	Location		Status	Channel	Volume	Last Seen	Resolution	Network	*
⊕ Explore by Location	© 10.95.23.69 (DHCP) 10.95.21.231 (Static)	UK/Bath/Dorset/01/M	eeting Room/1-G N07A	Playing Playing	Bloomberg UK BBC News	100 0	2014/10/26 20:48:54	1080i - UK 1080p - UK	Auto Full Duplex 100 Auto Full Duplex 100	
Explore by Server	10.95.21.230 (Static)	UK/Bath/Dorset/01/11	107B	Playing	BBC News	õ	2014/10/26 20:48:17	1080p - UK	Auto Full Duplex 100	
Groups	10.95.16.232 (DHCP)	UK/Bath/Hampshire/(	1/H15114	Plaving	BBC News	100	2014/10/26 20:48:39	1080p - UK	Auto Full Duplex 100	
Nideo Librariar	10.95.16.93 (DHCP)	UK/Bath/Hampshire/(	Refresh	F5	BBC News	100	2014/10/26 20:48:45	1080p - UK	Auto Full Duplex 100	
	10.95.12.167 (DHCP)	UK/Bath/Wiltshire/01	Refresh All	Ctrl+F5	Bloomberg UK	82	2014/10/26 20:48:27	1080p - UK	Auto Full Duplex 100	
TV Servers	10.95.11.88 (DHCP)	UK/Bath/Wiltshire/01	Add Device	Ins	Sky News	35	2014/10/26 20:48:46	1080p - UK	Auto Full Duplex 100	
Channels	10.95.10.68 (DHCP)	UK/Bath/Wiltshire/01			Bloomberg UK		2014/10/26 20:48:36	1080p - UK	Auto Full Duplex 100	
	10.95.6.107 (DHCP)	UK/Bath/Hampshire/(	On-screen Inforr	mation •	ITV1 London	97	2014/10/26 20:48:46	1080p - UK	Auto Full Duplex 100	
	10.95.4.54 (DHCP)	UK/Bath/Interactive	Сору		BBC News	52	2014/10/26 20:48:53	PAL SD - UK	Auto Full Duplex 100	
	10.95.1.229 (Static)	UK/Bath/Littledown/(	Columns		BBC 1 London	100	2014/10/26 20:48:18	1080p - UK	Auto Full Duplex 100	
	10.93.136.27 (Static)	UK/London/70ER/B1/	Group	۱.	Create New	Group	0:48:27	PAL SD - UK	Half Duplex 100Mbit/s	
	10.68.197.67 (DHCP)	Sweden/Stockholm/	Change Channe	▶	Create Grou	up From Cl	ipboard 0:48:26	720p HD - UK	Auto Full Duplex 100	
	10.68.197.27 (DHCP)	Sweden/Stockholm/	Set Volume	•	Dia amb ang Lik	100	0:48:40	720p HD - UK	Auto Full Duplex 100	
	10.68.197.21 (DHCP)	Sweden/Stockholm/			Bloomberg UK	100	2014/10/26 20:48:22	720p HD - UK	Auto Full Duplex 100	
	10.67.144.34 (DHCP)	ROI/Dublin/unknowi	Tools	•	Euronews	100	2014/10/26 20:48:17	1080p - UK	Auto Full Duplex 100	-
	10.67.140.81 (DHCP)	UK/LONGON/Bridge St	SnapShots	•	SKY News	15	2014/10/26 20:48:47	1080b - OK	Auto Full Duplex 100	
Version 1.2.1.294		828 de		C1 D 1					R	unning
			Delete	Ctrl+Del	_					
			Properties	Alt+Enter						

# Working with groups

### Organising boxes into groups for easier viewing and management

You can create any number of groups of set top boxes, enabling you to quickly focus in on smaller numbers of devices. Groups appear as quick selections in the Groups node of the left navigation pane. With the **Set Top Boxes** node selected in the left navigation pane:

- 1. Highlight one or more target boxes individually, in a range, or by selection
- 2. Right-click any of the highlighted entries
- 3. Choose Group from the pop-up menu that appears, then click Create New Group

Note. When creating a new group of devices, you'll be asked to name the group. This name has no effect on the items within the group and is merely a descriptive term for the IPTV Manager program interface.



Once you have provided a name for the group and pressed OK, it is immediately accessible from the left navigation pane.

Encoded Media IPTV Manager								-	. 🗆 ×
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🗆 🌐 Overview	All (828) Active (828) W	/arnings (47) New (1)							
🗆 🔲 Set Top Boxes	IP	Location	Status	Channel	Volume	Last Seen	Resolution	Network	
<ul> <li>Explore by Location</li> <li>Explore by Server</li> <li>Groups</li> <li>Marketing</li> <li>Video Libraries</li> <li>TV Servers</li> <li>Channels</li> <li>Recordings</li> </ul>	10.95.16.232 (DHCP) 10.95.16.93 (DHCP) 10.95.12.167 (DHCP) 10.95.11.88 (DHCP) 10.95.10.68 (DHCP) 10.95.6.107 (DHCP) 10.95.4.54 (DHCP)	UK/Bath/Hampshire/01/H1S114 UK/Bath/Hampshire/01/H1S064 UK/Bath/Wiltshire/01/W11001 UK/Bath/Wiltshire/01/W21030 UK/Bath/Wiltshire/01/W21110 UK/Bath/Hampshire/00/Print Room UK/Bath/Interactive	Playing Playing Transiti Playing Playing Playing	BBC News BBC News Bloomberg UK Sky News Bloomberg UK ITV1 London BBC News	100 100 82 35 0 97 52	2014/10/26 20:51:53 2014/10/26 20:51:59 2014/10/26 20:52:20 2014/10/26 20:52:00 2014/10/26 20:51:50 2014/10/26 20:52:00 2014/10/26 20:52:07	1080p - UK 1080p - UK 1080p - UK 1080p - UK 1080p - UK 1080p - UK PAL SD - UK	Auto Full Duplex 100 Auto Full Duplex 100	
Version 1.2.1.294		7 devices, 7 selected						Ri	unning

# Working with groups

### Selecting and managing groups of set-top boxes

With the Set Top Boxes node selected in the left navigation pane:

- 1. Click and expand the **Groups** node
- 2. Left-click select the name of the group you wish to view
- 3. The boxes contained within the group will be displayed in the list pane on the right

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🗆 🌐 Overview	All (828) Active (828) Warnings (4	7) New (1)							
🗆 🔲 Set Top Boxes	IP Location		Status Ch	nannel	Volume	Last Seen	Resolution	Network	
Explore by Location	10.95.16.232 (DHCP) UK/Bath/	'Hampshire/01/H1S114	Playing BB	3C News	100	2014/10/26 20:53:10	1080p - UK	Auto Full Duplex 100	
Explore by Server	10.95.16.93 (DHCP) UK/Bath/	Hampshire/01/H1S064	Playing BB	3C News	100	2014/10/26 20:53:17	1080p - UK	Auto Full Duplex 100	
	10.95.12.167 (DHCP) UK/Bath/	Wiltshire/01/W11001 Wiltshire/01/W/21030	Plaving Sk	oomberg UK	82	2014/10/26 20:52:59	1080p - UK	Auto Full Duplex 100	
Groups	10.95.10.68 (DHCP) UK/Bath	Refresh F5	Playing Blo	oomberg UK	0	2014/10/26 20:53:08	1080p - UK	Auto Full Duplex 100	
<u>Marketing</u>	10.95.6.107 (DHCP) UK/Bath	Refresh All Ctrl+F5	Playing ITv	/1 London	97	2014/10/26 20:53:18	1080p - UK	Auto Full Duplex 100	
Video Libraries	10.95.4.54 (DHCP) UK/Bath,	Add Device Ins	Playing BB	3C News	52	2014/10/26 20:52:46	PAL SD - UK	Auto Full Duplex 100	
🗆 🎹 TV Servers		On-screen Information							
(B) Channels		Сору							
Recordings		Columns							
<b>U</b>		Group							
		Change Channel							
		Set Volume							
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		SnapShots 🕨	Ping		Ctrl+P				
Version 1.2.1.294		Delete Ctrl+Del	Generate R	emote Key				ŀ	Running
		Properties Alt+Enter	Remote Co	ontrol	Ctrl+R				
Changing the diap	loved leastion		Browse to S	Server					
Changing the displ	layed location		Connect as	s Engineer	Ctrl+T				
Make changes to the location of your	sat tan bay daviaas		Connect as	s Shell	Ctrl+H				
The location of a set top box is a descri	ptive field which helps administrators	s identify individual devices.	Run Comm	nand	Ctrl+N				
It is displayed within IPTV Manager and	on various screens of the box in que	estion (e.g. the Status	Test Stream	n					
screen, and the Connection screen). Al	though not a requirement, providing	unique names for your	Open Sour	ce URL		Set Location			<b>2</b>
boxes will make the management and t	troubleshooting of larger installs easi	er.	Last Packet	t	Ctrl+L	STB IP: 10.95.11.88 (D	HCP)		
With the Set Top Boxes node selected	in the left navigation pane:		Set Locatio	on Ctrl	+Alt+L	STB Serial: 102012N02	6968		
1. Highlight one or more target boxes	s individually, in a range, or by selec	tion	Set Networ	rk IP 🗟 Ctr	I+Alt+I	Location			
2. Right-click any of the highlighted e	entries		Set Server	Ctrl	+Alt+S	UK/Bath/Wiltshire/01/	W21030		
3. Choose <b>Tools</b> from the pop-up me	enu, then Set Location		Reboot			Cancel			ОК
4. Edit the Location field and press (	OK to save your changes or Cancel	to discard them	Upgrade						

Encoded Media IPTV Manager											×
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🗆 🌐 Overview	All (828) Active (828) W	/arnings (47	7) New (1)								
🖃 🔲 Set Top Boxes	IP	Location			Status	Channel	Volume	Last Seen	Resolution	Network	
Explore by Location     Explore by Server	10.95.16.232 (DHCP) 10.95.16.93 (DHCP) 10.95.12.167 (DHCP)	UK/Bath/H UK/Bath/H UK/Bath/\	Hampshire/01/H1S11 Hampshire/01/H1S06 Wiltshire/01/W11001	4	Playing Playing Transiti	BBC News BBC News Bloomberg UK	100 100 82	2014/10/26 20:53:10 2014/10/26 20:53:17 2014/10/26 20:52:59	1080p - UK 1080p - UK 1080p - UK	Auto Full Duplex 100 Auto Full Duplex 100 Auto Full Duplex 100	
🖃 💽 Groups	10.95.11.88 (DHCP)	UK/Bath/\	Viltshire/01/W21030	)	Playing	Sky News	35	2014/10/26 20:53:18	1080p - UK	Auto Full Duplex 100	
	10.95.10.68 (DHCP) 10.95.6.107 (DHCP) 10.95.4.54 (DHCP)	UK/Bath, UK/Bath, UK/Bath,	Refresh Refresh All Add Device On-screen Infor Copy	F5 Ctrl+F5 Ins mation	Playing Playing Playing	Bloomberg UK ITV1 London BBC News	0 97 52	2014/10/26 20:53:08 2014/10/26 20:53:18 2014/10/26 20:52:46	1080p - UK 1080p - UK PAL SD - UK	Auto Full Duplex 100 Auto Full Duplex 100 Auto Full Duplex 100	
Recordings		-	Columns Group Change Channe Set Volume	! ►							
			Tools	•	Query	Now	Ctrl+Q				
Version 1.2.1.294			SnapShots	•	Ping		Ctrl+P			F	lunning
			Delete	Ctrl+Del	Genera	te Remote Key					
			Properties	Alt+Enter	Remot	te Control	Ctrl+R				
Changing the serv	er				Browse	to Server					
The server determines which channel To allow your set-top box to display str configure it with the IP or hostname of Once duly configured, the box will con	<b>s are available to you</b> eams from a TV Server or H up to three Encoded Media tact the first responsive app	ID Encode appliance liance and	r appliance, you mu s on your network. download the avail	ust able	Conne Conne Run Co Test St Open S	ct as Engineer ct as Shell ommand ream Source URL	Ctrl+H Ctrl+N				
channel bouquet from it.					Last Pa	cket	Ctrl+L				
With the Set Iop Boxes node selected           1.         Highlight one or more target boxe	s individually, in a range, o	r by selecti	on		Set Loc Set Net	ation Ctrl	+Alt+L I+Alt+I				
2. Right-click any of the highlighted	entries				Set Ser	ver Ctrl	+Alt+S				
3. Choose <b>Tools</b> from the pop-up m	enu, then <b>Set Server</b>				Reboot Upgrad	t le					
4. Edit the three <b>Server</b> fields and p one server must be defined.	ress <b>OK</b> to save your chang	jes or <b>Can</b>	cel to discard them	. At least							

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<u>F</u> ile <u>E</u> dit <u>T</u> ools <u>V</u> iew <u>H</u> elp										•	<b>-</b> ×
Overview	All (828) Active (828) W	/arnings (47)	New (1)								
Set Top Boxes	IP	Location		Stat	tus	Channel	Volume	Last Seen	Resolution	Network	*
Explore by Location	10.95.23.69 (DHCP) 10.95.21.231 (Static)	UK/Bath/Do UK/Bath/Do	rset/01/Meeting Room/1-G rset/01/1N07A	Play Play	ying ying	Bloomberg UK BBC News	100 0	2014/10/26 20:49:32 2014/10/26 20:49:51	1080i - UK 1080p - UK	Auto Full Duplex 100 Auto Full Duplex 100	
Explore by Server	10.95.21.230 (Static) * 10.95.16.232 (DHCP)	UK/Bath/Do UK/Bath/H	Pofroch E	Play	ying ying	BBC News BBC News	0 100	2014/10/26 20:49:35 2014/10/26 20:49:56	1080p - UK 1080p - UK	Auto Full Duplex 100 Auto Full Duplex 100	
Video Libraries	10.95.16.93 (DHCP) 10.95.12.167 (DHCP)	UK/Bath/H UK/Bath/W	Refresh All Ctrl+F	5 ay 5 an	ying nsiti	BBC News Bloomberg UK	100 82	2014/10/26 20:49:24 2014/10/26 20:49:45	1080p - UK 1080p - UK	Auto Full Duplex 100 Auto Full Duplex 100	
Chappels	10.95.11.88 (DHCP) 10.95.10.68 (DHCP)	UK/Bath/W UK/Bath/W	Add Device In	is ay ⊾ay	ying ying	Sky News Bloomberg UK	35 0	2014/10/26 20:49:25 2014/10/26 20:49:54	1080p - UK 1080p - UK	Auto Full Duplex 100 Auto Full Duplex 100	
Recordings	10.95.6.107 (DHCP) 10.95.4.54 (DHCP)	UK/Bath/H UK/Bath/In	Сору	ay ay	ying ying	ITV1 London BBC News	97 52	2014/10/26 20:49:25 2014/10/26 20:49:32	1080p - UK PAL SD - UK	Auto Full Duplex 100 Auto Full Duplex 100	
_	10.95.1.229 (Static) 10.93.136.27 (Static)	UK/Bath/Li UK/Londor	Group	lay	ying vina	BBC 1 London BBC Parliament	100 70	2014/10/26 20:49:35 2014/10/26 20:49:44	1080p - UK PAL SD - UK	Auto Full Duplex 100 Half Duplex 100Mbit/s	
	10.68.197.67 (DHCP)	Sweden/St	Change Channel	lay	ying	Bloomberg UK	100	2014/10/26 20:49:43	720p HD - UK	Auto Full Duplex 100	
	10.68.197.21 (DHCP) 10.68.197.21 (DHCP)	Sweden/St	Set Volume	► lay	ying ying	Bloomberg UK	100	2014/10/26 20:49:19	720p HD - UK 720p HD - UK	Auto Full Duplex 100	
	10.67.144.34 (DHCP) 10.67.140.81 (DHCP)	ROI/Dublir UK/Londor	Tools SnapShots	► lay	ying Cre <u>at</u>	Euronews e SnapShot	100 73	2014/10/26 20:49:34 2014/10/26 20:49:26	1080p - UK 1080p - UK	Auto Full Duplex 100 Auto Full Duplex 100	-
Version 1.2.1.294			Delete Ctrl+De		Resto	re SnapShot				Ru	inning

Properties Alt+Enter

## Set Top Box SnapShots

### Save and restore the state of set top boxes

You're able to save the current state of one or more boxes by creating a SnapShot that can be saved to disk and loaded back in at a later date.

The SnapShot is plain text file and containing the following comma-separated values (.CSV):

- Unique device ID
- Volume level
- TV channel

These allows you to perform out-of-hours configuration tasks on any number of target boxes, and be certain that the devices in question can be easily returned to their original viewing state.

#### Step by step

To create a SnapShot for one or more boxes:

- 1. Highlight one or more target boxes individually, in a range, or by selection
- 2. Right-click any of the highlighted entries and choose SnapSnots followed by Create SnapShot
- 3. Select a destination folder and provide a filename for the new SnapShot file

#### To restore a SnapShot:

- 1. Highlight one or more target boxes individually, in a range, or by selection
- 2. Right-click any of the highlighted entries and choose SnapSnots followed by Restore SnapShot
- 3. Once the SnapShot file has been successfully restored, the relevant boxes will have their volume levels and active channel adjusted accordingly

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🗆 🌐 Overview	All (828) Active (828) W	/arnings (47) New (1)								$\sim$		
🗆 🔲 Set Top Boxes	IP	∠ Location		Status	Channel	Volume	Last Seen		Reso	1 m	SELECT	ти ч
	10.65.31.237 (Static) 10.65.27.233 (Static)	UK/London/70ER/04/Floo UK/London/70ER/04/Floo	or/04/N/M17 or/04/N/M3	Playing Playing	CNBC Europe BBC News	100 100	2014/10/26 2 2014/10/26 2	20:57:24 20:57:34	720p 720p		F2 F	3
Channels  Control of Server  Channels  Channe	10.65.29.230 (Static) 10.65.27.232 (Static) 10.65.33.239 (Static) 10.65.29.229 (Static) 10.65.32.55 (DHCP) 10.65.39.228 (Static) 10.65.39.229 (Static) 10.65.39.229 (Static) 10.65.39.229 (Static) 10.65.39.229 (Static) 10.65.39.229 (Static) 10.65.39.226 (Static)	UK/London/70ER/04/Floc UK/London/70ER/04/Flo UK/London/70ER/04/Flo UK/London/70ER/04/Flo UK/London/70ER/04/Flo UK/London/70ER/04/Flo UK/London/70ER/04/Flo UK/London/70ER/05/Flo UK/London/70ER/05/Flo	n/04/N/M6 Refresh Refresh All Add Device On-screen Inf Copy Columns Group	Playing F Ctrl+F In formation	CNBC Europe 5 BC Europe 5 BC Europe 5 BC Europe 6 C Europe 8 C Europe	100 100 100 100 0 100 100 100 100 100	2014/10/26 2 2014/10/26 2 2014/10/26 2 2014/10/26 2 2014/10/26 2 2014/10/26 2 2014/10/26 2 2014/10/26 2 2014/10/26 2 2014/10/26 2	20:57:26 20:57:50 20:57:19 20:57:53 20:57:16 20:57:20 20:57:20 20:57:30 20:57:30 20:57:36 20:57:40 20:57:17 20:57:33	720p 720p 720p 720p 1080 1080 1080 1080 1080	MENU	A OK T	BA
	10.65.41.230 (Static) 10.65.35.228 (Static) 10.65.37.229 (Static)	UK/London/70ER/05/Flo UK/London/70ER/05/Flo UK/London/70ER/05/Flo	Change Chan Set Volume Tools	nel	BC Europe omberg UK Query N	100 0 ow	2014/10/26 2 2014/10/26 2 Ctrl+Q	20:57:18 20:57:19 0:57:34	1080 1080 1080	+	PgUp	+
Version 1.2.1.294	10.65.35.230 (Static)	UK/London/70ER/05/Flo 828 device	SnapShots		Ping		Ctrl+P	0:57:42	1080	CHANNEL	PaDown	VOLU
		020 02010	Delete	Ctrl+D	el Generate	e Remote K	ey					1.000
Creating remote co	ontrol keys		Properties	Alt+Ente	er Remote Browse t Connect	Control to Server tas Enginee	Ctrl+R er Ctrl+T			••• 1.:/	▶ II 2abr	3.
Remotely control any number of boxes In addition to the Remote Control featur possible to set up a virtual remote that of	s with a dedicated desktop re accessible to IPTV Mana can be configured to targe	<b>o application</b> Iger users from the <b>Tools</b> a specific number of dev	menu, it is also ices.		Connect Run Con Test Stre Open So	as Shell nmand am urce URL	Ctrl+H Ctrl+N			4 <sub>ghi</sub>	5jkl	<b>6</b> mr
The Encoded Media Desktop Remote a managers, enabling them to control all	application can be provided boxes within their departm	l to third party users, for e ent with a single click.	xample to floor		Last Pac	ket	Ctrl+L			7pqrs	8tuv	9 <sub>wx</sub>
<ol> <li>To configure the Desktop Remote to tar</li> <li>Highlight one or more target boxes</li> <li>Right-click any of the highlighted end</li> </ol>	rget only certain boxes: s individually, in a range, o entries and choose <b>Tools</b> t	r by selection hen <b>Generate Remote Ke</b>	ey		Set Loca Set Netw Set Serve	<b>tion</b> vork IP <b>er</b>	Ctrl+Alt+L Ctrl+Alt+I Ctrl+Alt+S			¢	0.	C
					Reboot Upgrade							



The code displayed is used by the Desktop Remote application to determine which boxes it is able to target when it is used. The code should be copied and pasted into an email or into a text file and provided to authorised Desktop Remote users.

To configure a new installation of Desktop Remote with the code:

- 1. Open the Encoded Media Desktop Remote application
- 2. Paste the code into the displayed dialog box

To reconfigure an existing installation:

- 1. Open the Encoded Media Desktop Remote application
- 2. Click the Select TV drop-down menu and choose Settings from the pop-up menu
- 3. Tap the Reset Authorisation button at the top of the Settings dialog box
- 4. Close and then reopen the Desktop Remote application

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🖃 🔲 Set Top Boxes	IP	Location	Status	Chan	nel	Volume	Last Seen		Resolution	Network	c	
	10.95.16.232 (DHCP)	UK/Bath/Hampshire/01/H1S114	Playing	BBC	Vews	100	2014/10/26	20:55:06	1080p - UK	Auto Fu	II Duplex 100	
Explore by Server	10.95.16.93 (DHCP) 10.95.12.167 (DHCP)	UK/Bath/Hampshire/01/H1S064 UK/Bath/Wiltshire/01/W11001	Playing Transiti	BBC I	News nbera UK	100 82	2014/10/26 2014/10/26	20:55:13 20:54:55	1080p - UK 1080p - UK	Auto Fu Auto Fu	II Duplex 100 II Duplex 100	
🖃 💽 Groups	10.95.11.88 (DHCP)	UK/Bath/Wiltshire/01/W21030	Playing	Sky N	ews	35	2014/10/26	20:55:14	1080p - UK	Auto Fu	ll Duplex 100	
• Marketing	10.95.10.68 (DHCP)	UK/Bath/Wiltshire/01/W21110	Playing	Bloo	Refresh	<u>^</u>		20:55:04	1080p - UK	Auto Fu	II Duplex 100	
Video Libraries	10.95.4.54 (DHCP)	UK/Bath/Interactive	Playing	BBC	Refresh	All	Ctrl+F5	20:55:14	PAL SD - UK	Auto Fu Auto Fu	II Duplex 100	
TV Servers					Add De	vice	Ins					
() Channels					On-scr	een Inforr	mation 🕨					
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					Tools		•	Ouerv	Now	Ctrl+0		
Version 1.2.1.294		7 devices, 1 selected			SnapSh	ots	•	Ping		Ctrl+P	F	Running
					Delete		Ctrl+Del	Genera	ate Remote Key			
					Proper	ties	Alt+Enter	Remo	te Control	Ctrl+R		
Diagnostic tools								Browse	e to Server			
Making sure vour network can give us	ers the optimum viewing	experience						Conne	ct as Engineer	Ctrl+T		
IPTV Manager integrates with Encoded	Media's popular multicast	testing tool, McTest. This enables networ	k					Run Co	ommand	Ctrl+N		
administrators to see a quality graph of	any transmitted network s	treams.						Test St	ream	N		
To open McTest and check the stream	quality of a channel:							Open S	Source URL	13		
<ol> <li>Select a target box individually from</li> <li>Bight-click on the highlighted entry</li> </ol>	m the list							Last Pa	acket	Ctrl+L		
<ol> <li>Choose <b>Tools</b> from the pop-up me</li> </ol>	enu, then <b>Test Stream</b>							Set Lo	cation Ct	rl+Alt+L		
McTest will be launched and the stream	n analysed.							Set Ne	twork IP C	trl+Alt+I		
	· ··· <i>y</i>							Set Ser	ver Ct	rl+Alt+S		
								Reboo	t			
								Upgrad	de			

eive Transmit Adva	aced
Multicost PTSP	
Multicast Kise	
239.198.5.21	v 10000 Start Stop
Stats	
MPEG-TS Stream	
Packets Received:	15/8/8
Total Bandwidth:	1.29 M bits/s 122 packets/s
Multicast Source:	192.168.10.40 • (1 found) Open
Errors:	No errors Cir
Quality:	Current 100%. Average loss 0.0000%
Video Quality	
Video Quality Key: Errors	, Quality 🕑 , Bandwidth 🔍
Video Quality Key: Errors 🗸	, Quality , Bandwidth .
Video Quality Key: Errors	, Quality , Bandwidth , Quality , Bandwidth , 2001 , 2001 , 2005 , 30 , 30
Video Quality Key: Errors	, Quality , Bandwidth

What you're hoping to see is that the green Quality bar in the centre of the screen reports 100%.

Problems with the stream will be highlighted on the graph and in the Errors field.

In the event you see errors, this is an indication that your network is either dropping packets or that the TV or satellite signal reception is poor (McTest monitors the MPEG-TS continuity counter and can see when source packets are missing).

For more information on how to use McTest to diagnose streaming problems on your network, please see Encoded Media Knowledge Base articles at support.encodedmedia.com