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VPS and EPG function

In Views where a Timer or a Search can be created, the option to switch the VPS or EPG function on or off is available.



Some channels provide very precise start and end times via EPG-Now/Next or VPS, some only the specified times, regardless of when the show actually starts. There is a function built into *SmartEPGvu*⁺ that allows, for each channel, timer programming to use the VPS and EPG options.

From [here](#) a sample file can be downloaded. It must be edited manually and then copied to `/rootfs/usr/lib/enigma2/python/Plugins/Extensions/SmartEPGvu/settings`. Depending on which channel you trust, you set the VPS or EPG flag to 1 or 0.



VPS and EPG deactivate each other because using both together makes no sense.

VPS

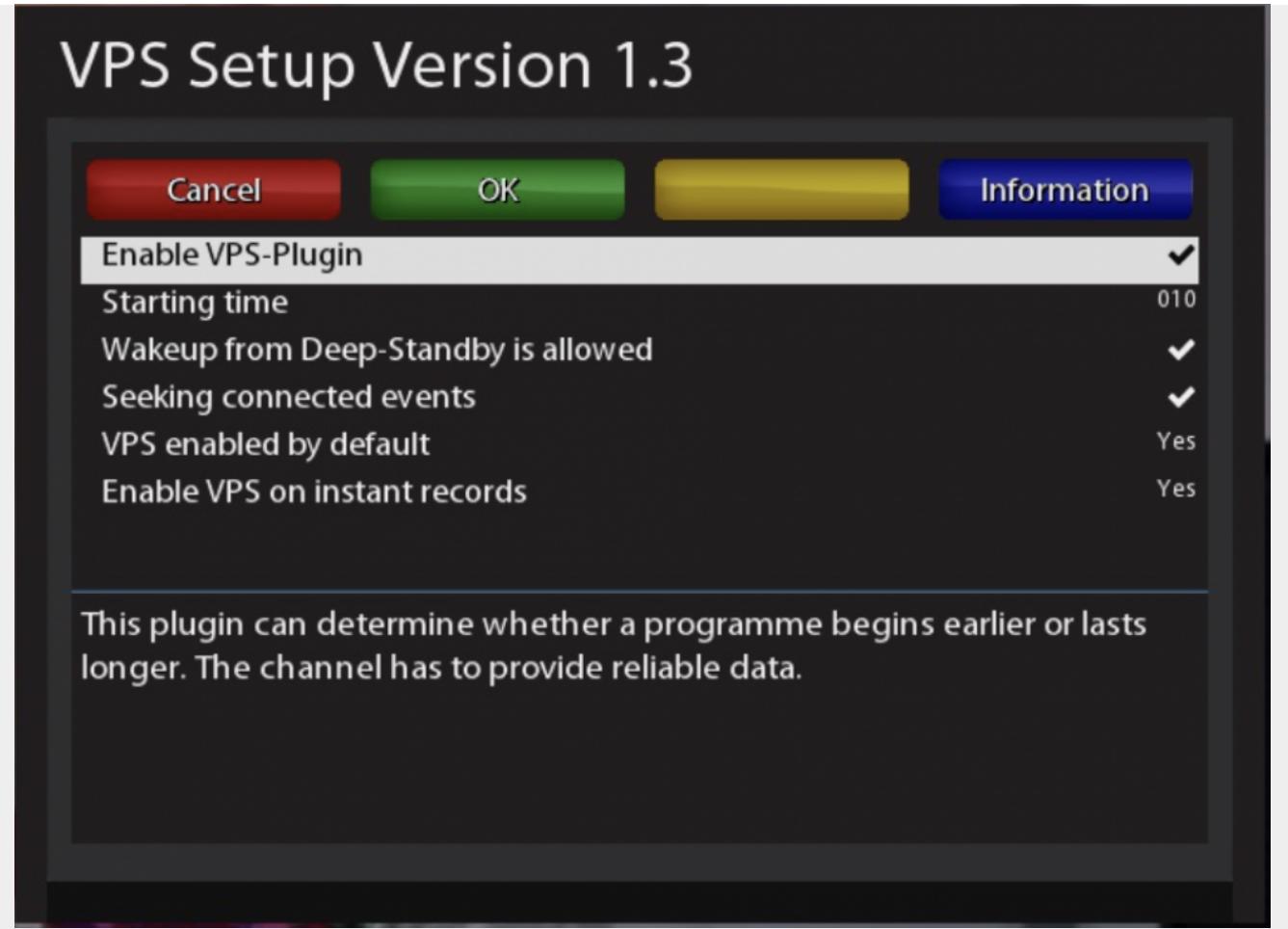
The VPS function can only be used if the VPS plugin is installed to be found under Menu ⇒ Extensions ⇒ System Extensions.

The desired VPS option (VPS No, Yes, Safe Mode) can be scrolled through by pressing the Play key several times.

If the VPS plugin is installed and active (VPS yes, or safe mode) then the corresponding VPS symbol is displayed in the editor for the manual timers and in the [Search](#) (VPS symbol: blue or green - see explanations of the colours below).

The following screenshot shows the recommended settings that should be used for the VPS plugin to work seamlessly with *SmartEPGvu*⁺, alternatively, the last two options can be set from [Yes](#) to [Yes\(Safe Mode\)](#):

(Menu ⇒ Settings ⇒ System ⇒ VPS Settings):



Manual programming:

- * If a VPS.xml is now available and, for example, a program is programmed manually and there is no VPS authorization for the corresponding station in the xml, the timer is created without a VPS symbol and the VPS signal is **not considered**.
- * If the channel has VPS authorization, the timer is created with the corresponding VPS symbol (VPS Yes, or Safe Mode) and the VPS signal is **considered**.

Programming via Search

- * In the case of a **Search**, and an active VPS plugin, the corresponding VPS symbol (VPS Yes, or Safe Mode) is active for **every** search.

If a timer is now created from the **Search** and there is no VPS authorization for the channel of this search in the xml, the timer is created without a VPS symbol and the VPS signal is **not considered**.

- * If the channel of the **Search** has VPS authorization, the timer is created with the corresponding VPS symbol (VPS Yes, or Safe Mode) and the VPS signal is **considered**.

Example

A **Search *Wetter*** is generated for the channels RTL (without VPS authorization from the xml) and ARD (with VPS authorization from the xml), then the timer for the program ***Wetter*** on RTL is created without VPS symbol and the VPS signal is **not considered**.

The timer for the program ***Wetter*** on ARD, on the other hand, is created with the corresponding

VPS symbol and the VPS signal is **considered** .

Search list

7. Die Kanzlei	Wetter
8. Die Toten vom Bodensee	Folder:
9. Ein Fall für zwei	Record mode: All VPS
10. Falk	Search text: T:+50:*Wetter*
11. Gute Zeiten, schlechte Zeiten	Channels: Das Erste HD, RTL HD
12. Morden im Norden (1)	Weekdays: Thu
13. München Mord	Start time: 17:50 End time: 21:50
14. RTL Aktuell (6)	Prepad: 5 min Postpad: 30 min
15. WaPo Berlin	Length min: 0 min Length max: 0 min
16. WaPo Bodensee	Start date: None End date: None
17. WaPo Duisburg (1)	Delete after 0 hours Delete on low space: No
18. Wetter (1)	Record path: /media/hdd/movie/
19. Wolfsland	File name: VTi settings

Test search Test without restrictions Save
 Edit Adjust to EPG on VPS mode
 24h/7d/All 24h/7d/Channel EXIT Exit Search Parameters

SmartEPGv4⁺

RTL timer is created without a VPS symbol and the VPS signal is **not considered** .

Timer list

31	Thu 27.01	VPS - Plugin
2DF	Thu 27.01	Der Bergdoktor - Endlich Leben
	Fri 28.01	SmartEPGv4
RTL	Fri 28.01	RTL Aktuell
RTL	Fri 28.01	RTL Aktuell
1 HD	Fri 28.01	Wetter vor c
2DF	Fri 28.01	Der Staatsa
RTL	Sat 29.01	RTL Aktuell
31	Sun 30.01	Image-Siche
RTL	Sun 30.01	RTL Aktuell
RTL	Mon 31.01	RTL Aktuell
1 HD	Mon 31.01	Morden im
RTL	Tue 01.02	RTL Aktuell

RTL Aktuell - Das Wetter

4. RTL HD	Mode: Record
Date: Fri 28.01.2022	Start time: 19:03 End time: 19:05 (2 min)
Prepad: 5 min	Postpad: 30 min
After event: Auto	Repeat: off
Record path: /media/hdd/movie/	
Search: Wetter	
Delete after 0 hours	Delete on low space: No
File name: VTi settings	

Save Timer Auto EPG adjust on VPS mode
 Edit name
 EXIT Exit

SmartEPGv4⁺

ARD timer is created with the VPS symbol and the VPS signal is **considered** .

Timer list

Thu 27.01 VPS - Plugin

Thu 27.01 Der Bergdoktor - Endlich Leben

Fri 28.01 SmartEPGv

Fri 28.01 RTL Aktuell

Fri 28.01 RTL Aktuell

Fri 28.01 Wetter vor a

Fri 28.01 Der Staatsa

Sat 29.01 RTL Aktuell

Sun 30.01 Image-Siche

Sun 30.01 RTL Aktuell

Mon 31.01 RTL Aktuell

Mon 31.01 Morden im

Tue 01.02 RTL Aktuell

Wetter vor acht

1. Das Erste HD VPS ↻

Date: Fri 28.01.2022 Mode: Record

Start time: 19:50 End time: 19:55 (5 min)

Prepad: 5 min Postpad: 30 min

After event: Auto Repeat: off

Record path: /media/hdd/movie/

Search: Wetter

Delete after 0 hours Delete on low space: No

File name: VTi settings

6/17

20:00 - 20:01 ●

20:10 - 22:15 ●●● 125'

06:00 - 06:01 ●

18:45 - 19:18 ●●● 33'

18:58 - 19:35 ●●● 37'

19:45 - 20:25 ●●● 40'

20:10 - 21:45 ●●● 95'

18:45 - 19:18 ●●● 33'

08:05 - 08:06 ●

18:45 - 19:18 ●●● 33'

18:45 - 19:18 ●●● 33'

18:45 - 20:00 ●●● 75'

18:45 - 19:18 ●●● 33'

● Save Timer ● Auto EPG adjust on ● VPS mode

● Edit name ● Exit

SmartEPGv⁺

Without VPS icon = no VPS active

In this mode, the recording is started and ended without considering the VPS signal of the transmitter.

The set pre- and post-run takes effect as specified.

Search list

1. ● Crime

2. ●●● Blue Bloods - Crime Scene New York

3. ●●● Der Alte

4. ●●● Der Bergdoktor (1)

5. ●●● Der Staatsanwalt (1)

6. ●●● Die Bergretter

7. ●●● Die Kanzlei

8. ●●● Die Toten vom Bodensee

9. ●●● Ein Fall für zwei

10. ●●● Falk

11. ●●● Gute Zeiten, schlechte Zeiten

12. ●●● Morden im Norden (1)

13. ●●● München Mord

Der Bergdoktor

Folder:

Record mode: Series

Search text: T+50.*Der Bergdoktor*

Channel: ZDF HD

Weekdays: Thu

Start time: 20:00 End time: 23:59

Prepad: 5 min Postpad: 30 min

Length min: 0 min Length max: 0 min

Start date: None End date: None

Delete after 0 hours Delete on low space: No

Record path: /media/hdd/movie/

File name: VTi settings

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● Test search ● Test without restrictions ● Save

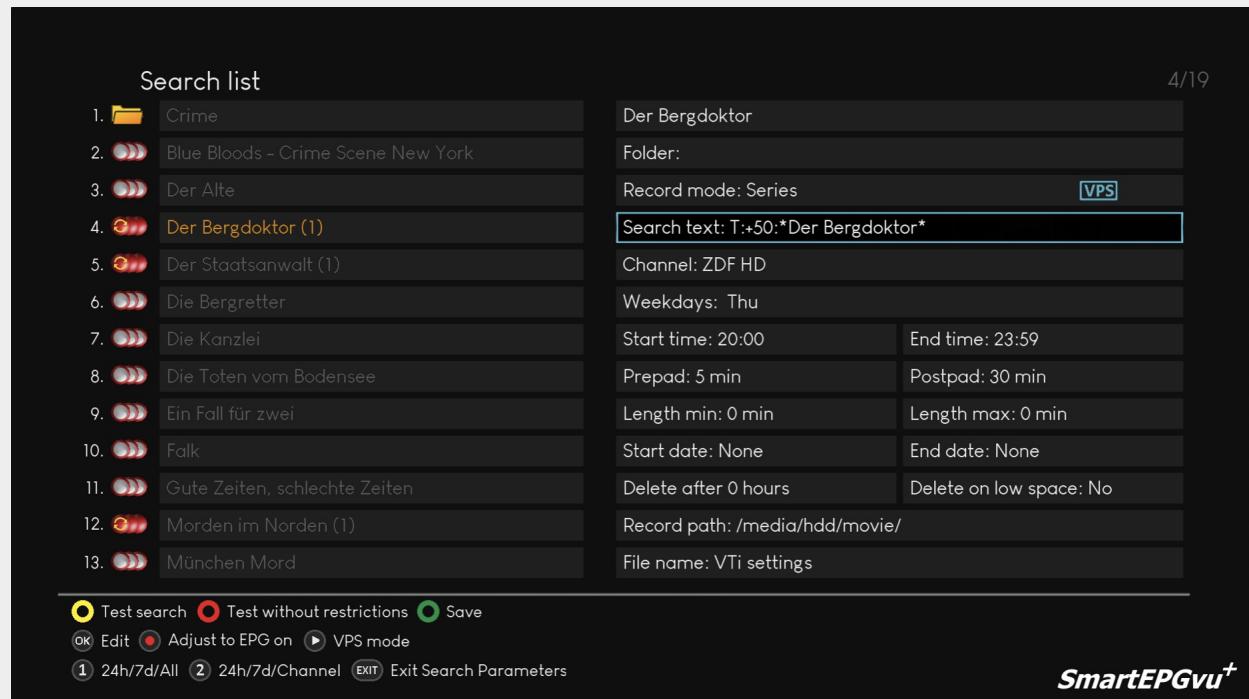
● Edit ● Adjust to EPG on ● VPS mode

● 24h/7d/All ● 24h/7d/Channel ● Exit Search Parameters

SmartEPGv⁺

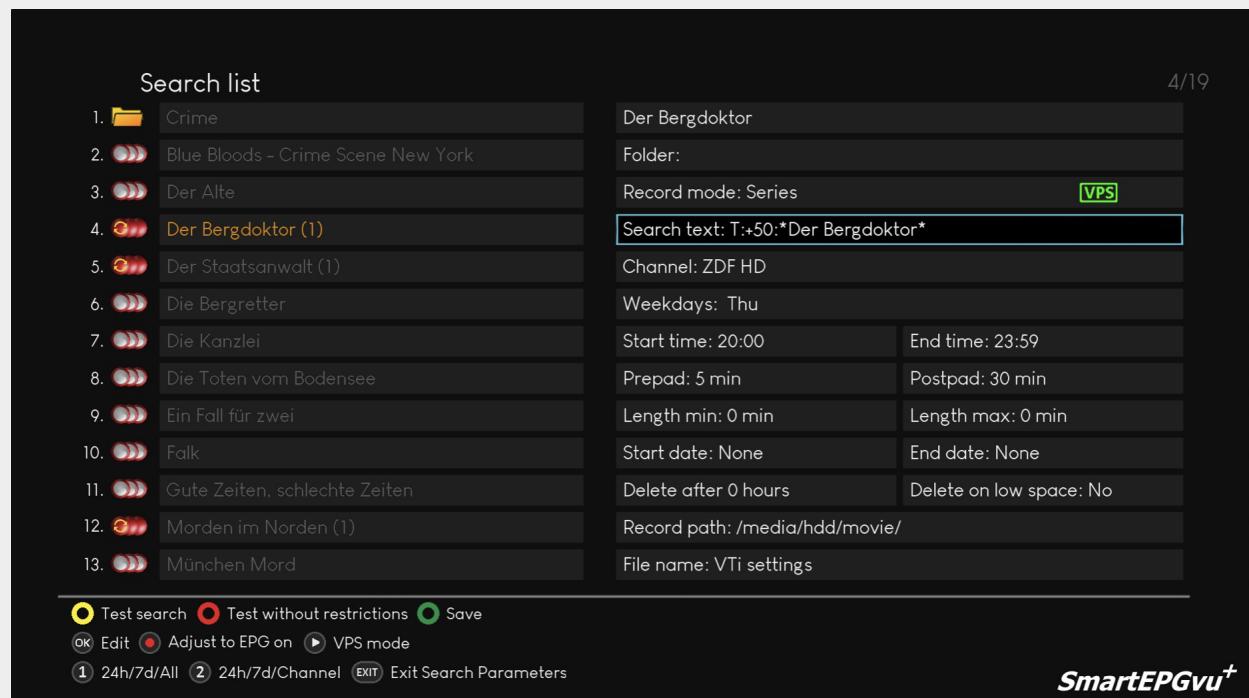
Blue VPS icon = VPS active

In this mode, the recording is started and stopped using the VPS signal. The set pre- and post-padding is not taken into account.



Green VPS icon = VPS active in safe mode

In this mode, the recording is performed according to the time of the timer (including pre-and post-padding, and the VPS signal is considered). If, according to VPS, the show starts or ends later than originally scheduled, the recording times will be adjusted accordingly. The recording can therefore be longer but not shorter than specified by the timer.



EPG

The „EPG adjustment on“ setting causes a recording to be shifted accordingly if the start time changes in the EPG.

The pre-set lead and lag times are also taken into account.



If this function is used in *SmartEPGvu⁺*, it will work regardless of it being activated or not in the VTi: / Menu / VTi / Settings - Timers / TimersCreate (2/5) / Automatically adapt recording times to EPG data is activated or not.

The behavior of *SmartEPGvu⁺* and VTi with this function is identical.

Search list 4/19

1. Crime	Der Bergdoktor	
2. Blue Bloods - Crime Scene New York	Folder:	
3. Der Alte	Record mode: Series EPG	
4. Der Bergdoktor (1)	Search text: T:+50:/*Der Bergdoktor*	
5. Der Staatsanwalt (1)	Channel: ZDF HD	
6. Die Bergretter	Weekdays: Thu	
7. Die Kanzlei	Start time: 20:00	End time: 23:59
8. Die Toten vom Bodensee	Prepad: 5 min	Postpad: 30 min
9. Ein Fall für zwei	Length min: 0 min	Length max: 0 min
10. Falk	Start date: None	End date: None
11. Gute Zeiten, schlechte Zeiten	Delete after 0 hours	Delete on low space: No
12. Morden im Norden (1)	Record path: /media/hdd/movie/	
13. München Mord	File name: VTi settings	

Test search Test without restrictions Save
 Edit Adjust to EPG off VPS mode
 24h/7d/All 24h/7d/Channel **Exit** Search Parameters

SmartEPGvu⁺

Please note that this function leads to faulty recordings for some users and should not be used without doing some testing.



Therefore the current recommendation to avoid problems is:

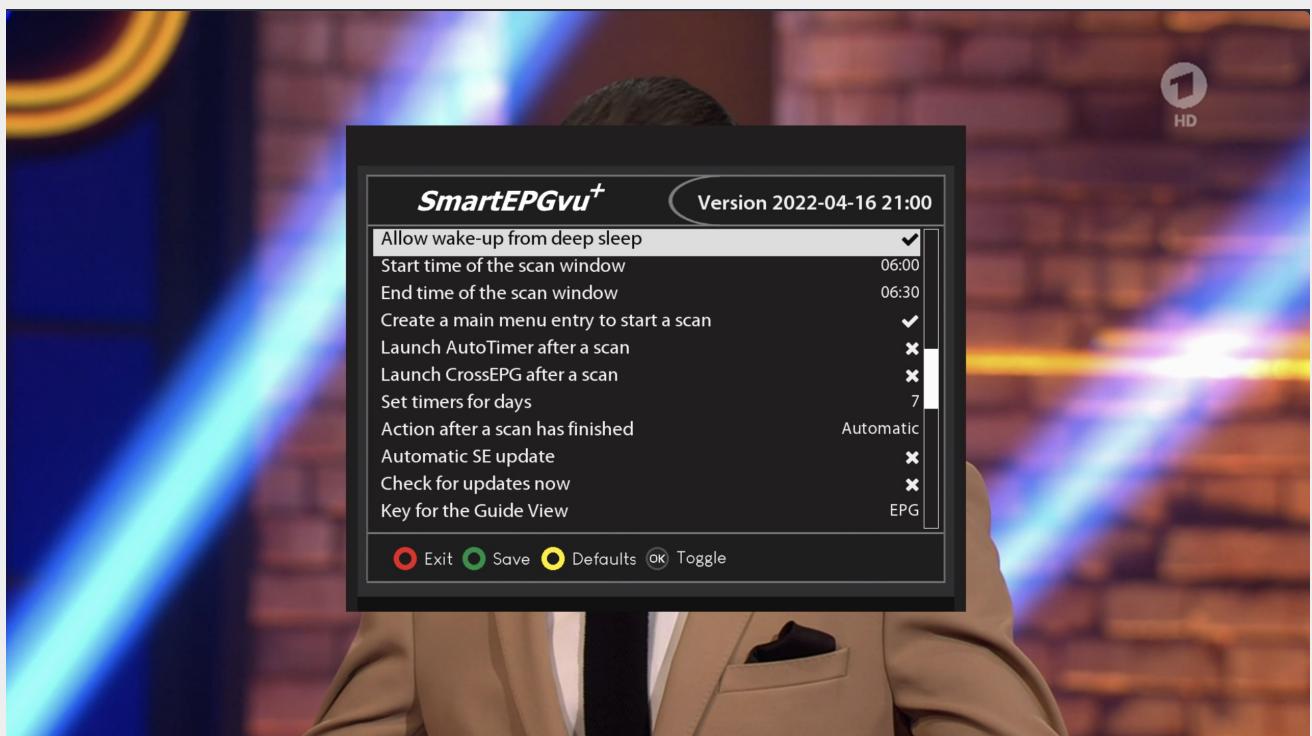
In *SmartEPGvu⁺* not to enable this function and to **SWITCH it OFF** under / Menu / VTi / Settings - Timer / Create timer (2/5) / Adjust recording times automatically for changes in the EPG data

CrossEPG

CrossEPG is a system extension and can be installed via the plugin browser. CrossEPG makes it possible to collect and process external EPG data from channels that usually only offer „Now & Next“ EPG information. For example, if you operate a second dish on 28.2 East and want to get the EPG for these programs, you can use the CrossEPG plugin. The UK channels for example only broadcast Now/Next via the normal EPG. The plugin switches to transponder 11428 H, which sends the EPG information for all programs on this satellite for 2 weeks in a data stream.

There is an option to start CrossEPG after the scan, which can be activated in the settings menu of *SmartEPGvu⁺*.

The plugin is then started by *SmartEPGvu⁺* and the EPG data of the corresponding stations are then available.



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