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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

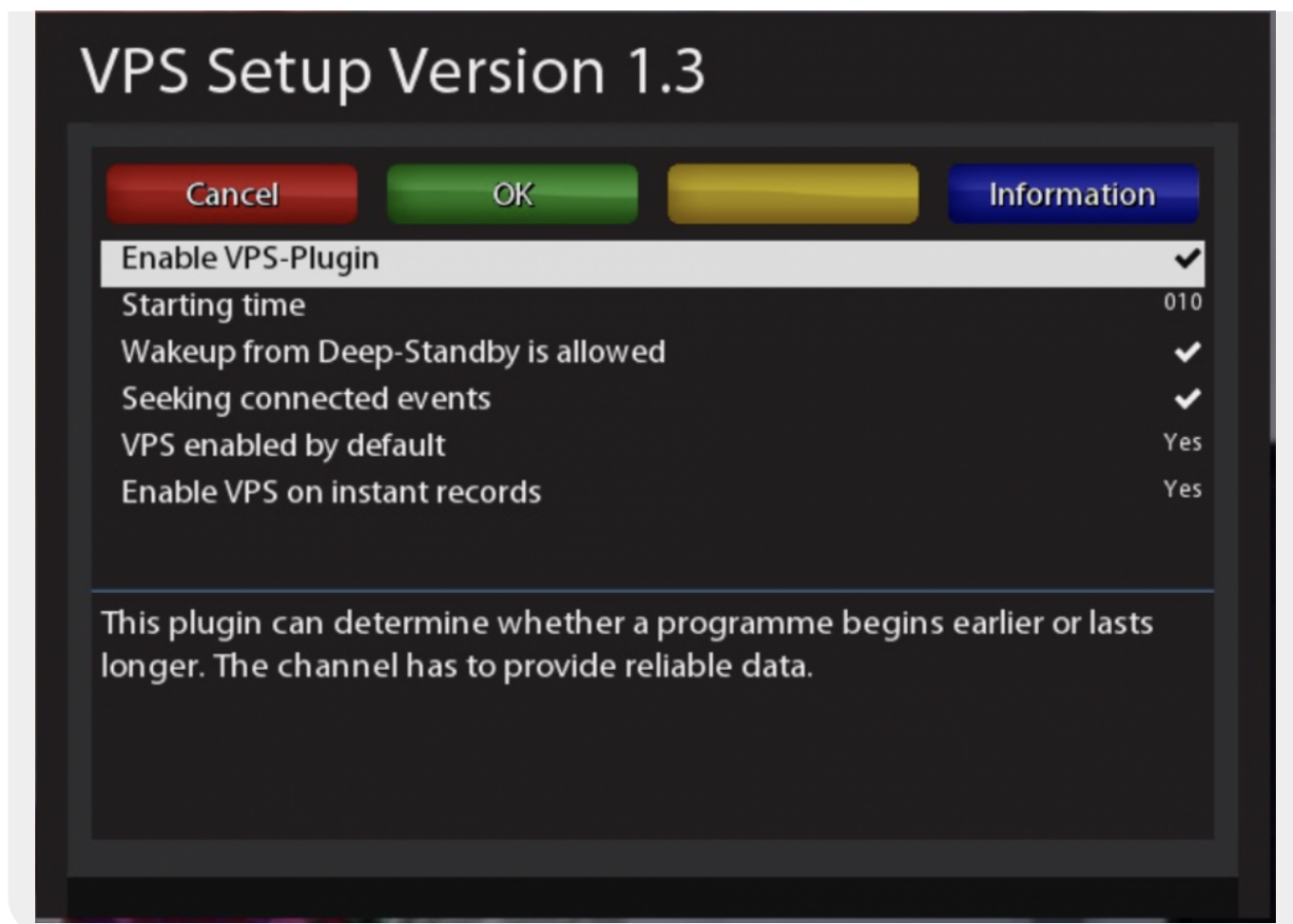
The VPS function can only be used if the VPS plugin is installed to be found under Menu ⇒ Extensions ⇒ System Extensions.

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 **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


18/19


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


14.  RTL Aktuell (6)

15.  WaPo Berlin

16.  WaPo Bodensee


17.  WaPo Duisburg (1)

18.  Wetter (1)

19.  Wolfsland

Wetter

Folder:

Record mode: All 

Search text: T:+50:*Wetter*

Channels: Das Erste HD, RTL HD

Weekdays: Thu

Start time: 17:50

End time: 21:50

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


 Test search


 Test without restrictions


 Save


 Edit

 Adjust to EPG on

 VPS mode

 24h/7d/All

 24h/7d/Channel

 Exit Search Parameters

SmartEPGvu⁺

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

Timer list


5/17

31

Thu 27.01

VPS - Plugin

20:00 – 20:01





20F

Thu 27.01

Der Bergdoktor – Endlich Leben


20:10 – 22:15


 125'

 Fri 28.01

SmartEPGvu


06:00 – 06:01




 Fri 28.01

RTL Aktuell


18:45 – 19:18


 33'

 Fri 28.01

RTL Aktuell


18:58 – 19:35


 37'

 Fri 28.01

Wetter vor


19:45 – 20:25


 40'

 Fri 28.01

Der Staatsa


20:10 – 21:45

 95'

 Sat 29.01

RTL Aktuell

18:45 – 19:18

 33'




 Sun 30.01

Image-Siche


08:05 – 08:06




 Sun 30.01

RTL Aktuell


18:45 – 19:18


 33'

 Mon 31.01

RTL Aktuell


18:45 – 19:18


 33'

 Mon 31.01

Morden im


18:45 – 20:00

 75'


 Tue 01.02

RTL Aktuell

18:45 – 19:18

 33'

RTL Aktuell – Das Wetter

4. RTL HD 

Date: Fri 28.01.2022

Mode: Record

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

SmartEPGvu⁺

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

- <https://www.nayal.de/>

Timer list

6/17

31

HD

2DF

RTL

1 HD

HD

HD

31

HD

RTL

RTL

1 HD

HD

RTL

Thu 27.01

Thu 27.01

Fri 28.01

Fri 28.01

Fri 28.01

Fri 28.01

Fri 28.01

Sat 29.01

Sun 30.01

Sun 30.01

Mon 31.01

Mon 31.01

Tue 01.02

VPS - Plugin

Der Bergdoktor – Endlich Leben

SmartEPGvu

RTL Aktuell

RTL Aktuell

Wetter vor acht

Der Staatsanwalt

RTL Aktuell

Image-Schau

RTL Aktuell

RTL Aktuell

Morden im Norden

RTL Aktuell

20:00 – 20:01

20:10 – 22:15

06:00 – 06:01

18:45 – 19:18

18:58 – 19:35

19:45 – 20:25

20:10 – 21:45

18:45 – 19:18

08:05 – 08:06

18:45 – 19:18

18:45 – 19:18

18:45 – 20:00

18:45 – 19:18

125'

33'

37'

40'

95'

33'

33'

33'

75'

33'

Wetter vor acht

1. Das Erste HD

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

Save Timer

Auto EPG adjust on

VPS mode

Edit name

Exit

SmartEPGvu⁺

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

4/19

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

11.

12.

13.

Crime

Blue Bloods – Crime Scene New York

Der Alte

Der Bergdoktor (1)

Der Staatsanwalt (1)

Die Bergretter

Die Kanzlei

Die Toten vom Bodensee

Ein Fall für zwei

Falk

Gute Zeiten, schlechte Zeiten

Morden im Norden (1)

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

Test search

Test without restrictions

Save

Edit

Adjust to EPG on

VPS mode

24h/7d/All

24h/7d/Channel

Exit Search Parameters

SmartEPGvu⁺

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.

Search list

4/19

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 VPS

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

Test search
 Test without restrictions
 Save

Edit
 Adjust to EPG on
 VPS mode

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

SmartEPGvu⁺

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.

Search list

4/19

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 VPS

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

Test search
 Test without restrictions
 Save

Edit
 Adjust to EPG on
 VPS mode

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

SmartEPGvu⁺

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

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 EPG

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

Test search

Test without restrictions

Save

Edit

Adjust to EPG off

VPS mode

24h/7d/All

24h/7d/Channel

EXIT 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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