# New Zebrix v3 player




**What is the Zebrix Player ?** It is the software part of the Zebrix solution running on Samsung SSSP screens as well as on the Zebrix external players. It is the software handling for example all video playback, pages, playlists and all other content, animations sent from the Zebrix CMS that are being displayed on the screens.

## Version 3.0

All your screens and external players are using Zebrix players version 2.0 for now. That version itself being an evolution of the initial software 1.0 of 2014. That version has now reached a high level of maturity and stability. However, in order to better answer the incoming stakes and challenges, and to bring new innovative functionnalities, we have choose to re-write from the scratch the Zebrix player code, while thinking ahead from the very beginning, of all future functionnalities our customers would need in the years to come. We decided to name that version “V3”

## So, what's with Zebrix v3 player

### Seamless update

Right now, every content update (playlist modification or page edition contained in an ongoing playlist) forces a screen to restart playback from the begining of the playlist. But with version 3, the update is done in backgroud, without restarting the playlist playback. The same is true for a page with a video, which will not restart from the beginning, as well as for the datasources

### Offline mode functionnality

Version 3 downloads the shcedules (with their corresponding medias, pages and playlists) in advance. All that data is stored on the screen's memory or the player's disk, allowing them to keep working as usual even without internet connexion

### Advanced scheduling support on playlists

When you set advanced schedules on some elements of the playlist (e.g. that content has to be displayed only from 06/01/2019 to 08/24/2019 between 11:00AM and 2:00PM); those conditions will now be taken into account

### Synchronized Playback

It is now possible to synchronize playback between different devices, with identical of different contents (But they need to have the same length).

### Eco solutions

It's possible to manage authorized switch-on times, manage exclusion days, comply with Ecowatt regulations, set backlight levels (only on displays).

### Other

Even more innovatives functionnalities are coming.

## Technical Prerequisites

### Tizen and External Zebrix Players 19.xx

Version 3 of the Zebrix player is compatible with all SAMSUNG SSSP screen running on Tizen as well as external Zebrix players with the appropriate firmware :

| **Screen models** | **minimal firmware required** | **Upgrade method** |
|---|---|---|
| SSSPv4 (gammes PM, PH, SBB) | >= 2080.4 | Easy migration to V3 from the CMS |
| SSSPv5 (gammes QBH, QMH, QHH, DBJ) | >= 2060.7 | Easy migration to V3 from the CMS |
| SSSPv6 (gammes QMN, QBN, SBB) | >= 1140.5 | Easy migration to V3 from the CMS |
| SSSPv6 (gammes OMN) | >= 2031.0 | Easy migration to V3 from the CMS |
| zebrix player superior or equal to 19.xx | >= 19.xx | Easy migration to V3 from the CMS |

| Screen models | minimal firmware required | Upgrade method |
|---|---|---|
| zebrix player prior to 19.xx | < 19.xx | Reinstallation with USB drive on premise |

**What about SSSPv1, v2, v3 ?**

SSSPv1, v2 et v3 screens do not support Zebrix player version 3. Therefore, they will keep on working on the current version 2.0 which will still be supported by Zebrix. However, no new functionnalities will be added to version 2.0
Concerned models : ME MD DB DM OMxxD DH

### What about Zebrix players running on old firmwares ?

It is usualy possible to update any player to the lastet firmware. That operation can be done remotely in some cases or by doing an automated usb update. Please contact Zebrix support for any assistance with this (support@zebrix.net / +33 3 20 41 59 69).

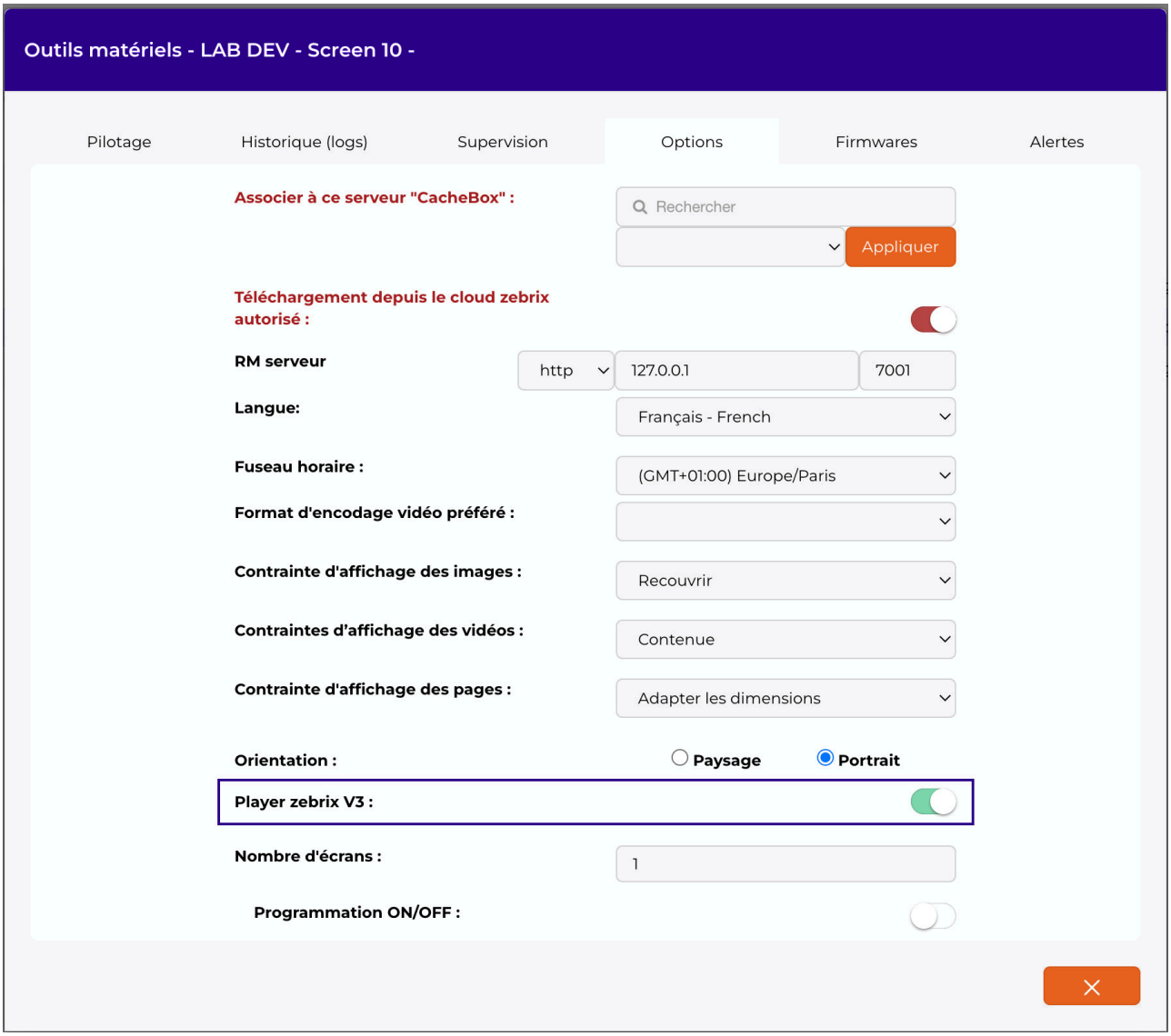
## How to switch a screen or a player from version 2 to version 3

### Easier method : From the Zebrix CMS, for a player or a screen.

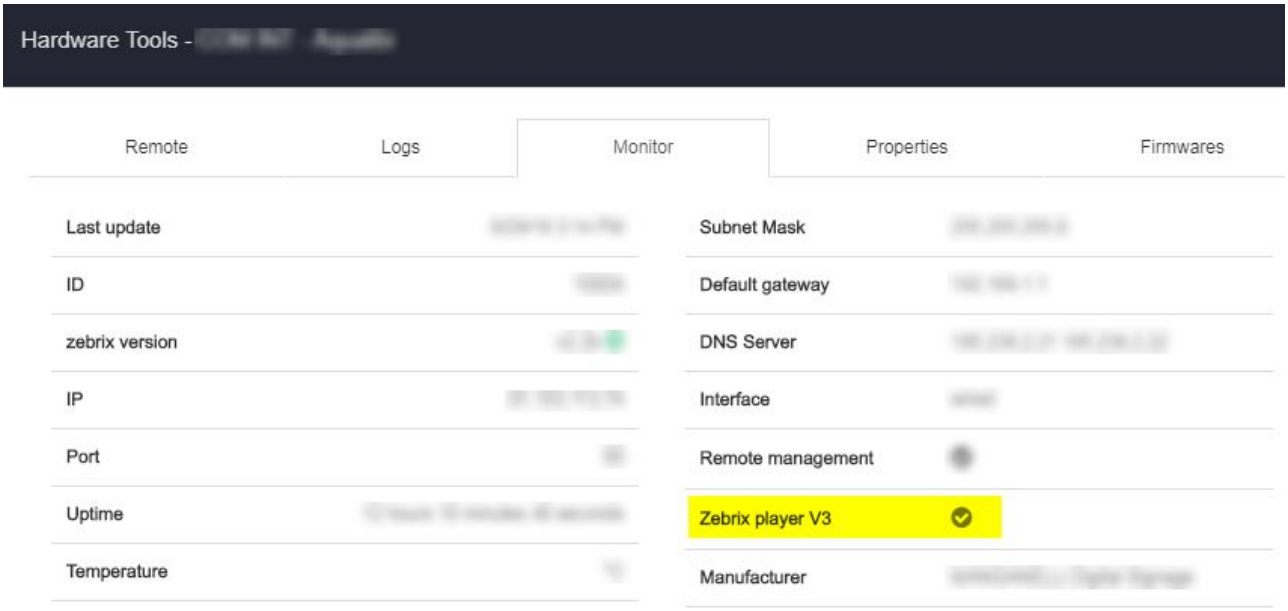


Video

- You have to check that the screen/player have the required firmware, if not, **you need to update the device before going to next step**. In the « SCREENS » section, select one or more screens/players.
    1. Clic on the « Hardware tools » button on the taskbar. then, on the « Properties » tab , activate the switch « Zebrix player V3 ». The selected devices will then reboot and start running on the new V3 player.




- After reboot, you can always check if the screen/player is running on version 3 by clicking on the “monitor” tab.




## On a Tizen screen

- You have to check that the screen/player have the required firmware, if not, **you need to**

**update the device before going to next step**

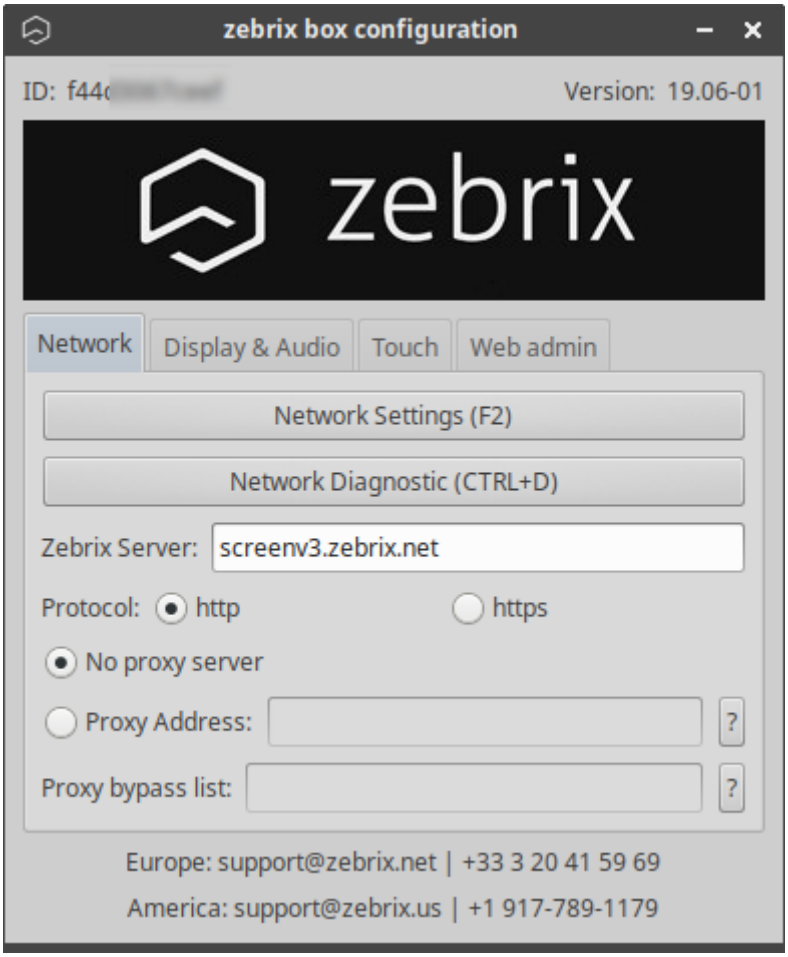
- In the server URL simply change the “screenv2” into “screenv3”.

For example :

- http://screenv2.zebrix.net ⇒ http://screenv3.zebrix.net
- https://screenv2.zebrix.net:6002 ⇒ https://screenv3zebrix.net:6002

1. Reboot the screen

## On an external Zebrix player




- You have to check that the screen/player have the required firmware, if not, **you need to update the device before going to next step.**
- In the server URL simply change the “screenv2” into “screenv3” for example :
  - http://screenv2.zebrix.net ⇒ http://screen.zebrix.net
  - https://screenv2.zebrix.net ⇒ https://screen.zebrix.net
  - https://screenv2.zebrix.net:6002 ⇒ https://screen.zebrix.net:6002
  1. Manualy edit the Zebrix configuration file to activate the Version 3 player : Editing of zebrix.conf and change the parameter “OFFLINE_MODE” to “true”
  2. Save the file with the modification
  3. Reboot the external player

From:
https://documentation.zebrix.net/ - **zebrix signage documentation**

Permanent link:
**https://documentation.zebrix.net/doku.php?id=en:zebrix_software_player_v3**

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