Bandwidth limitation.

In the CMS, when a playlist, page, video or image is sent to a screen, the screen displaying the content has to download it. This download then consumes the bandwidth of the Internet connection of the room where the screen is located.

For a number of reasons, this bandwidth consumption can interfere with the operation of other devices using the network on the premises where your equipment is located (cash registers, credit card machines, office network, copiers, etc.).

In the CMS, it is possible to limit or prohibit bandwidth consumption when downloading media (images and videos hosted on the cms) within a user-defined time slot.

Beware screens will always consume bandwidth for all external web links (web zone, youtube zone, google docs, IPTV, RSS, widgets...).

Bandwidth consumption ban: images and videos will not be downloaded during the defined period.

Limitation of bandwidth consumption: a capped part (according to the user's choice) of the bandwidth will be allocated to downloading the media in the playlist. Downloading will take longer, but will allow other devices in the room to access the internet connection without interruption.

Translated with DeepL.com (free version)

Set a limit or ban for all my broadcasting equipment.

Set up a bandwidth limit.

On the CMS, you can limit bandwidth or prohibit media downloads for all your screens.

Settings:

In the CMS you must first select the settings tab and then click on Bandwidth Management.



Last update: 2024/04/15 en:limitation_de_la_bande_passante https://documentation.zebrix.net/doku.php?id=en:limitation_de_la_bande_passante&rev=1713191486 16:31

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	Global settings Ø Language and Timezone Security	Clobal Settings Be careful with those parameters, they will be applied to all your other users.						
	Storage	2 Cable Bandwidth Emitation						
□ 8 ~	T Fonts Offline Images Bandwidth & Account information)					Save global	settings

Then click on "Enable bandwidth limiting" and then on "Save global settings".

You need to choose the bandwidth limit (or ban) in the start (1) and end (2) inputs. The restriction will take effect during this time slot. It is also advisable to leave a fairly wide permission range during which your screens will be able to download the update content. You should, however, leave a fairly wide free time slot during which your screens will be able to download the media required for content updates.

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	Clobal settings 國 Language and Timezone 文 Security	Global Settings Be careful with those parameters, they v	vill be applied to all your other users.							
	Storage	Bandwidth Enable Bandwidth limitation								
	T Fonts	Start Time 08:00	2 19:00	3 tope / kbps			•	Action	1	
8 8	Bandwidth Account information Support information			Bandwidth throtting					4 Save global	settings

In the drop-down menu (3), you can choose between banning downloads and limiting bandwidth.

Ban on downloads Once you have selected the bandwidth ban, click on the + button at the end of the line, then on Save global settings.

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Bandwidth limitation . After choosing bandwidth limitation in the drop-down menu, you will need to choose the bandwidth rate you are going to use in the new menu that has just appeared. Please note that for this to work correctly, the bandwidth chosen must be lower than the box rate.

Bandwidth				
Enable Bandwidth I	imitation			
Start Time	End Time	Type / kbps		Action
08:00	18:00	Bandwidth throttling	√ [√	+0
			256 kbps	
			512 kbps	
			768 kbps	
			1024 kbps	Save global set

Then click on the + button at the end of the line, and save the global settings.

You can also save several different time pages throughout the day.

**Deleting a line To delete a line, click on the basket at the end of the line. Then click Save global settings.

Set a restriction or ban for one of my broadcast devices.

On one or a selection of screens, in the hardware tools tab, you can apply a bandwidth limit or ban for downloading media to the screen(s).

After selecting screens in the hardware tools, in the options tab.

Set a limit or ban for all my broadcast equipment.

Pilotage Historique (logs) Supervision Options Firmwares Player Alerter	
Liste exceptions proxy :	
Utiliser un serveur proxy	
Paramètres de bande passante	
Mode de gestion de bande passante Hériter des paramètres globaux Aucune limitation de bande passante Utiliser des paramètres de bande passante personnalisés 	
Paramètres du moteur web	
Watchdog matériel: Supprimer l'iframe SandBox	
Dispositif tactile: None	
Toujours autoriser les iframes:	
Activer l'interface web d'administration :	
Définition du mot de passe de l'interface web d'administration :	

Inherit global settings

The bandwidth management mode is set by default to "inherit global settings", and applies by default the settings you would have entered in "settings>bandwidth management".

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No bandwidth limitation

Allows you to ignore the settings in "settings>bandwidth management".

Use bandwidth settings

Allows you to use the bandwidth limitation settings. Set the start and end times of the bandwidth

throttling period and then choose between no downloading and bandwidth throttling. Then choose the bandwidth allocated to the screen for downloading. Then click on the + button at the end of the line to add and press apply to activate the functionality. Then close the modal.

Aode de gestio	on de bande pass	ante	Utiliser des parar	nètres de banc 🦄
Heure de début	Heure de fin	Type / kbps		Actions
18:00	19:00	bandwidth 20	048 kbps	⑪
Départ	Fin			✓ +Ø

