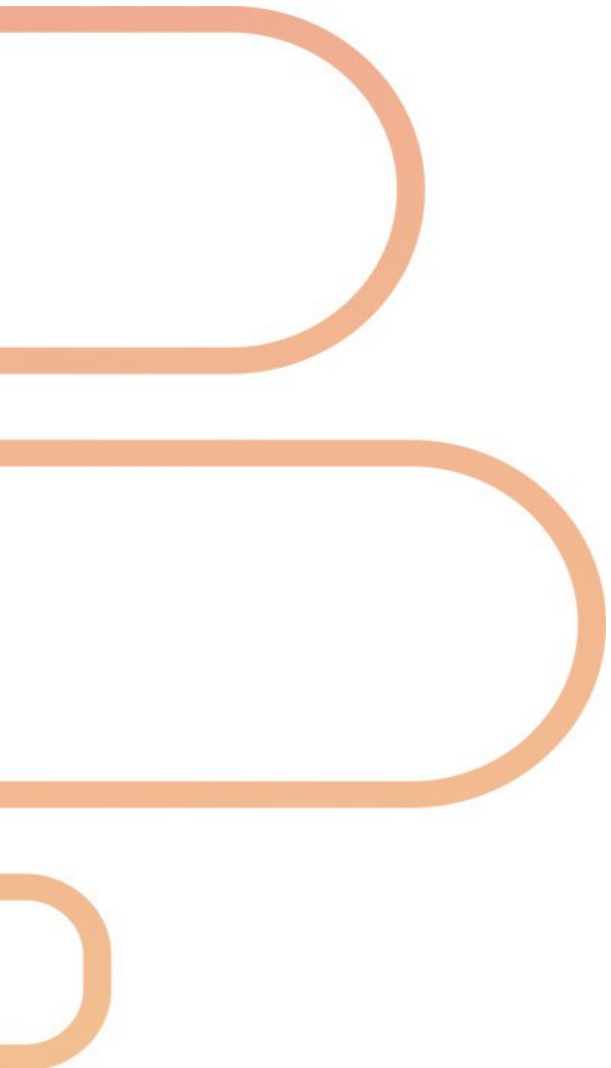


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Release document

# **RELEASE NOTES BAZEPORT 8.4**



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## A NEW BAZEPORT MADE FOR YOU

The BazePort IPTV system is continually renewed and improved as part of our ongoing product design and development. When you enter into a BazePort Service Agreement you are entitled to new software releases and fixes for the software licenses you have purchased.

### ABOUT THIS RELEASE

This is the release notes for BazePort IPTV system version 8.4, with information about news and updates for the BazePort IPTV software.

BazePort 8.4 introduces the new module Keynotes with possibility to record your live streams, dashboard drilldown functionality in the Flow module and more. All changes, enhancements and bug fixes are tested and ready for deployment. All relevant BazePort documentation has been updated accordingly. Documentation is available from within BazePort Management Studio. If you need a copy sent to you on email, please send a request to [support@bazeport.com](mailto:support@bazeport.com).

The commercial release date is 15<sup>th</sup> of December 2021.

### OUR COMMITMENT

The development of new BazePort software versions is our commitment to you. It is always recommended that you run the latest software release for best performance and experience. And, it is necessary in order for us to assist you in the best way.

We send our thanks to our customers who contribute through these agreements, and also to BazePort users, partners and highly skilled employees that have contributed in the making of the BazePort IPTV system version 8.4. It is made for you!

Please continue to let us know your opinion about our software and services. You are always welcome to give us feedback by sending an email to [support@bazeport.com](mailto:support@bazeport.com)

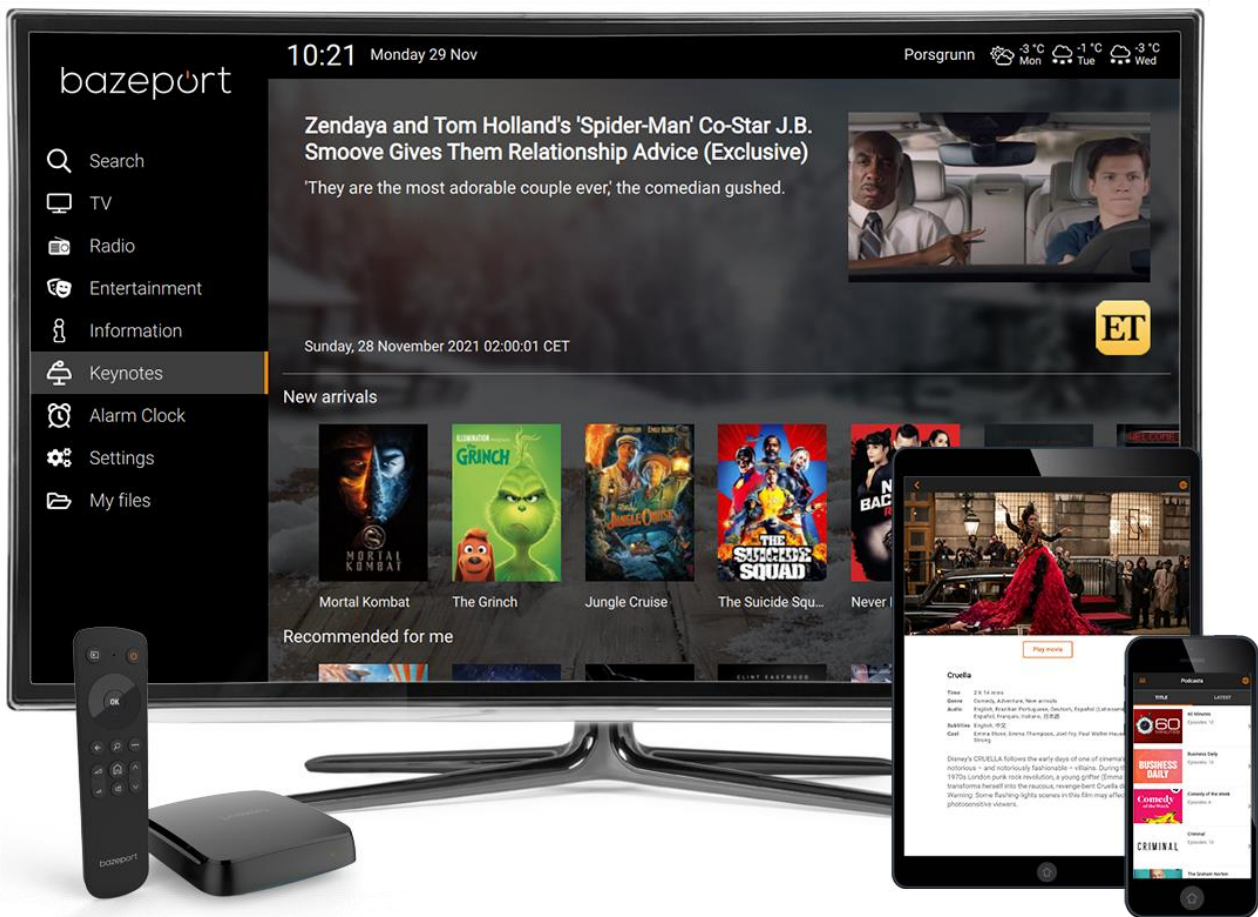
**Thank you!**

## BAZEPORT 8.4 HEADLINES

BazePort 8.4 release introduce **BazePort Keynotes** which enables you to record your live streams and make your keynotes available for your BazePort users, and we launch drilldown functionality in Flow dashboards.

The headlines of the BazePort 8.4 are:

- The new BazePort Keynotes module.
- Dashboard drilldown
- Auto throttle
- Confirmation of message



Please contact us for a more in-depth presentation and demonstration of the new modules and functionality in BazePort 8.4.

# NEW MODULE: BAZEPORT KEYNOTES



The new **BazePort Keynotes** module is finally ready for release! Do you live stream your lectures and happenings? Why not record your streams and publish them as keynotes to your BazePort audience. You can even live stream to your BazePort units from the Keynotes module. BazePort Keynotes is available for all valid BazePort Service Agreement holders.

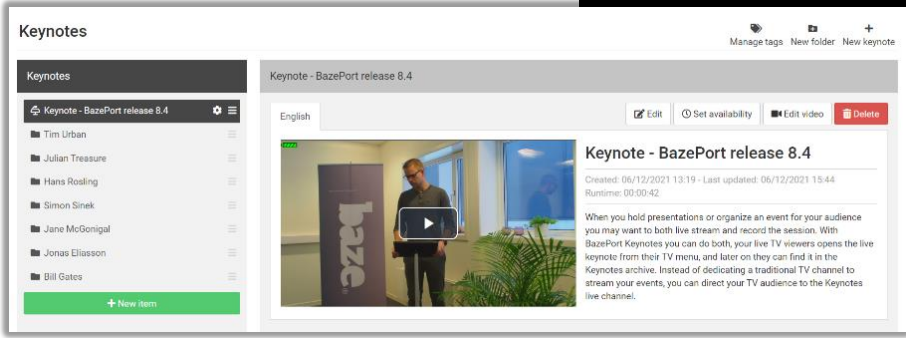
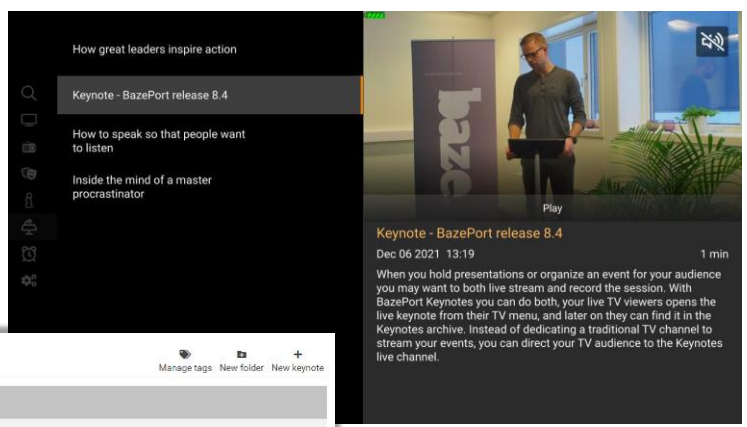
With BazePort Keynote you can live stream, record your live streams and make them available in Keynotes archive for your BazePort users. Add chapters, synopsis, categories and/or tags to make the archive easy and attractive for your user to browse through.




When you hold a presentation, a lecture or organize an event, you may want to both live stream and record the session. With BazePort Keynotes you can do both, your live TV viewers opens the live keynote from their TV menu, and later on, they can find it in the Keynotes archive. Instead of dedicating a traditional TV channel to stream your events, you can direct your TV audience to the Keynotes live channel.

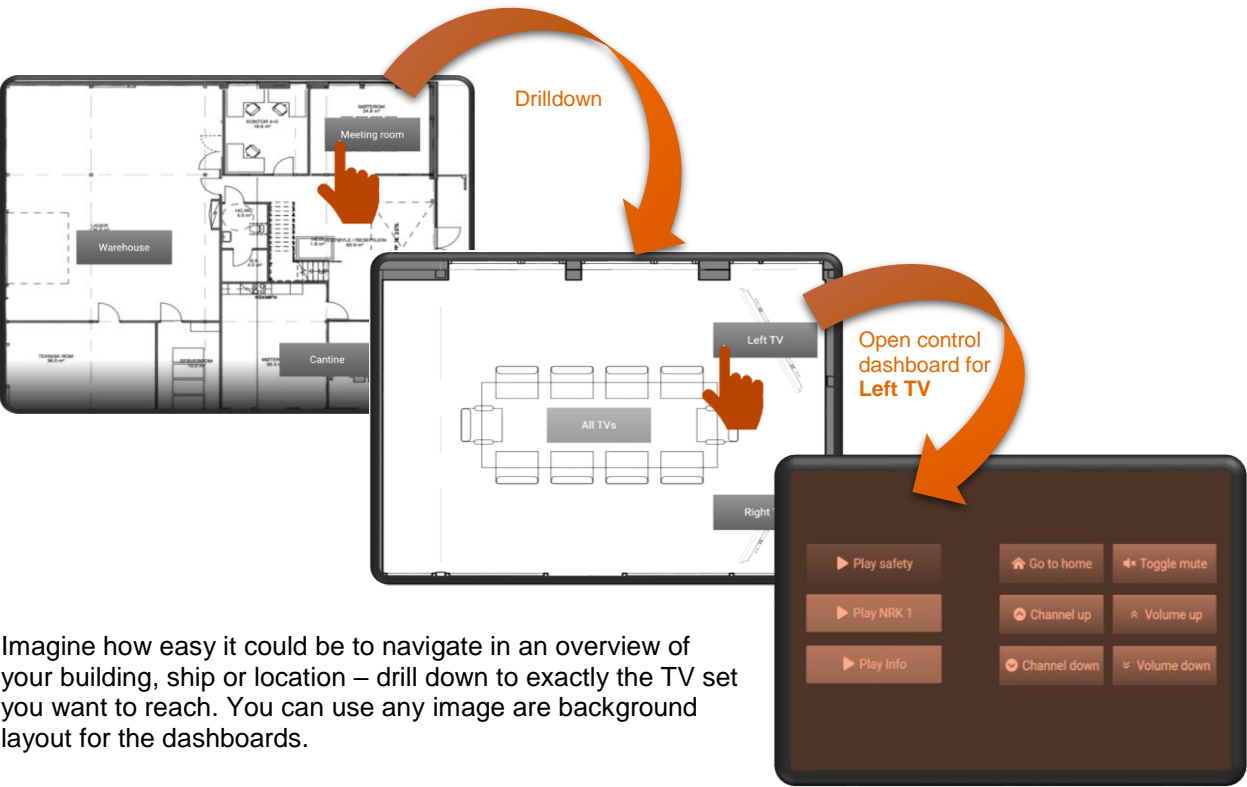
You can also choose to record without making the live stream available. In case you want to record a general lecture and make it available for your BazePort users to watch at their convenience.

You can even use Keynotes as an archive for your general, pre-recorded video files, just upload the video file and prepare it for publication as a keynote.



# NEW IN BAZEPORT FLOW DASHBOARDS: DRILLDOWN

 With BazePort 8.4 we give you the possibility to create dashboard drilldowns. You can open a subordinate dashboard from a dashboard button. Combined with the dashboard variables released in BazePort 8.1, you have all you need to set up a complete drilldown from top level, to subordinate levels, and finally select and control a specific unit from a generic control dashboard.



Imagine how easy it could be to navigate in an overview of your building, ship or location – drill down to exactly the TV set you want to reach. You can use any image as background layout for the dashboards.

The control dashboard can be set up with buttons controlling functions like remote control functions (as released in BazePort 8.2), play any BazePort Media Asset, TV channel, info channel. You can even control a third-party device as long as you can reach its control functions, like a camera zoom in/out, turn left/right.

See our BazePort Flow user manual for guidance of how to implement similar setup. BazePort team is ready to assist, should you need help with technical setup.

## NEW IN THE TRANSFER MODULE: AUTO THROTTLE



When your internet connection is limited, the possibility to manage the use of bandwidth for downloads to BazePort is useful. We now introduce a new parameter to control the bandwidth use, called Auto throttle. Auto throttle enables you to specify the bandwidth not to be used by BazePort. The purpose of Auto throttle is to reduce usage when bandwidth is scarce and utilize free bandwidth when available.

To activate the Auto throttle, input a negative value in the Download throttle field in the BazePort Transfer module. Using a negative number will not be set as a maximum allowed bandwidth but as a value for kbps below available bandwidth. Therefore, one can now set a value, e.g., -256kbps (notice the negative value). This way, BazePort will always use 256kbps less than the bandwidth available for use at the time. The bandwidth available for use means free bandwidth, not theoretical internet speed.



It works like this; every 10 minutes Auto throttle will open the throttle to unlimited kbps for a period of 20 seconds. During these 20 seconds, we will determine the maximum available bandwidth and then throttle BazePort download to 256 kbps below the maximum available bandwidth. Again, 256 kbps is only used as an example.

Notice that other ongoing traffic for other applications than BazePort will reduce the bandwidth available for BazePort content download. When Auto throttle test the bandwidth, we will reduce our maximum speed allowed (throttle the download speed) below that, with whatever value set in minus in the Download throttle speed field. The advantage is that there is little bandwidth used by BazePort, or next to none when other traffic uses the bandwidth. When there is more free bandwidth available, Auto throtte can speed up the bandwidth used for BazePort and limit the time it uses for content download. During BETA tests, we have run these new Auto throttle settings on more than 50 BazePort installations. The result has shown that overall download time has been reduced, and there has been no negative impact noted on other important communication.

Another benefit of the Auto throttle is that when there is so little bandwidth available that there is nothing left to use for BazePort after the 256 kbps is deducted, BazePort will throttle to a maximum of only 16 kbps. 16 kbps is too little to transfer any content, but enough for BazePort Transfer to check the line for any changes. This automation also secures that the BazePort system does not use bandwidth when there is none available for BazePort.

See the BazePort Transfer user manual if you are unfamiliar with the Transfer module.

Please see next page for an example of BazePort Auto throttle settings.

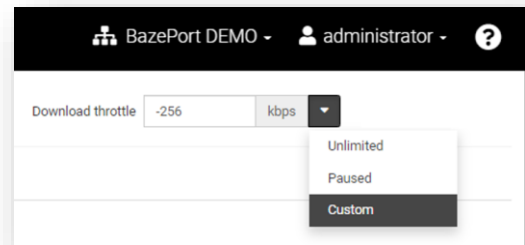


**Example of BazePort Auto throttle settings**

The example is for a BazePort installation with a maximum internet bandwidth of 2048 kbps.

Download throttle is set to -256 kbps. BazePort will always use 256 kbps less than the bandwidth available for use at the time.

Note scenario 3: when there is so little bandwidth available that there is nothing left to use for BazePort after the 256 kbps is deducted, BazePort will throttle to a maximum of only 16 kbps.



**Scenario 1**

There is 456 kbps free bandwidth.

Free bandwidth	Bandwidth in use by other applications
456	1592

256 kbps is set to be free for other applications. BazePort will use up to 200 kbps.

BazePort	Free bandwidth	Bandwidth in use by other applications
200	256	1592

**Scenario 2**

There is 1298 kbps free bandwidth.

Free bandwidth	Bandwidth in use by other applications
1298	750

256 kbps is set to be free for other applications. BazePort will use up to 1042 kbps.

BazePort	Free for other	Bandwidth in use by other applications
1042	256	750

**Scenario 3**

There is less than 256 kbps free bandwidth (148 kbps).

Free bandwidth	Bandwidth in use by other applications
148	1900

256 kbps is set to be free for other applications. It is only 148 kbps free bandwidth, so BazePort will use up to 16 kbps, while other applications have 132 kbps.

BazePort	Free bandwidth	Bandwidth in use by other applications
16	132	1900

## NEW IN BAZEPORT FLOW: CONFIRMATION MESSAGE

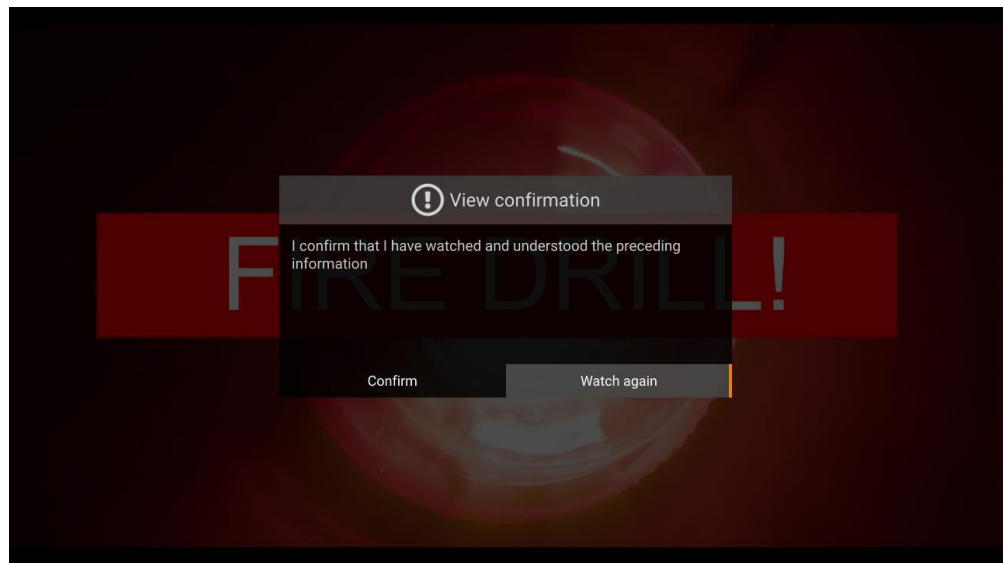


Would you like to playback forced information when a BazePort viewer use the system for the first time? And then require a confirmation that the information has been watched and understood?

We now introduce the possibility to require a view confirmation on **First time use** of the BazePort system.

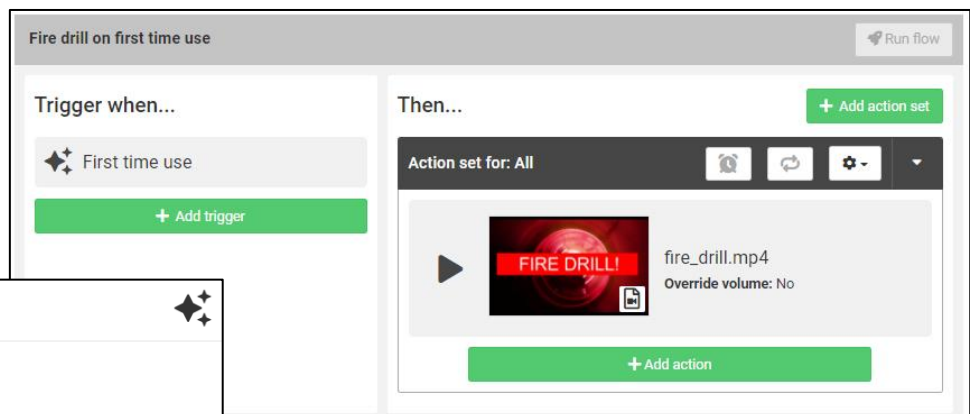
Whichever menu item is selected by the BazePort viewer, the information content is played, it is forced, the viewer cannot start any other application before the forced content playback is finished.

The BazePort viewer must confirm the message, or watch the information again – as shown in the picture.



The new feature is part of the **Flow** trigger **First time use** where you can tick off for **Require view confirmation**.

The **BazePort Check-out** functionality is required in order to prepare this for every new user of each BazePort unit in the system.



A confirmation log can be made available for system administrator, or the confirmations can be sent to a third-party system in a custom integration.

## UPGRADE NOW!

### WHO CAN UPGRADE?

Anyone who holds a valid BazePort Service Agreement (BSA) or BazePort Support and/or Software Upgrade Agreement (SLA), is entitled to this upgrade, as this is part of our product design and development commitment.

If you have not entered into an agreement, but are interested in upgrading your current BazePort installation, please contact us via email [support@bazeport.com](mailto:support@bazeport.com) for more information.

Please note that BazePort Keynotes is a BazePort Service Agreement-dependent module. It requires an active service agreement to be used.

We recommend that you always run the latest software release for best performance and experience.

### HOW TO UPGRADE?

The BazePort 8.4 release is implemented for our clients over the air. No downtime, planning nor on-site installs are needed.

#### BAZEPORT AS A SERVICE, OR LOCAL LINUX OS SERVER

For customers running BazePort as a service, or local Linux OS server, your BazePort system is automatically updated to BazePort 8.4.

#### LOCAL MICROSOFT WINDOWS OS SERVER

For customers running local Microsoft Windows OS servers, BazePort 8.4 is available for download via the Live Update section in BazePort Management Studio. When the upgrade is applied on the server, the upgrade will deploy itself, either silently when BazePort units go idle, or by user when asked to accept upgrade.

To access BazePort Management Studio – Configure simply by browsing to <http://bazeportsrv.bazeport.lan/BazePort.ManagementStudio/> with your favorite browser. Please note that your computer must be connected to the same network/VLAN as the BazePort Server.

Please read the user manual [BP-01-UM-014 BazePort Management Studio – Configure](#) for instructions on how to use the Live Update functions. All user manuals for BazePort 8.4 are available in BazePort Management Studio by click on the question mark icon in the upper right corner of the application.

It is always recommended to thoroughly review Release Notes prior to the installation or upgrade of this product.

## SOFTWARE COMPATIBILITY

All previous versions of BazePort IPTV system can upgrade to BazePort 8.4, even systems running older versions.

For installations running BazePort version 5.x, 6.x, 7.x or 8.x this upgrade does not require a redeploy of the BazePort client (set-top box/CT-unit).

Upgrades from BazePort version 4.x to 8.4 should not be performed before consulting your system administrator, BazePort support provider, or the vendor Baze Technology. If you do not know the status of your current BazePort Service Agreement, please ask us by sending an email to: [support@bazeport.com](mailto:support@bazeport.com).

## HARDWARE COMPATIBILITY

BazePort 8.4 can be used with the following BazePort units:

- BazePort set-top box models CT-2191, CT-2151  
The following set-top box models are end-of-life but can still run BazePort 8.4: CT-2152, CT- 128, CT-126, CT-125 (Intel and AMD version but with reduced performance), CT-114, CT-113 (Veriton, 3600, 3700). CT-116 touch screen “all-in-one model“ can also use the BazePort 8.4, however without the touchscreen facility available. BazePort 8.4 requires the use of a remote control.
- BazePort Android native app in combination with Philips professional Android TV models: MediaSuite 5014/5114 series and MediaSuite 6014/6114 series.  
The following Philips professional hospitality TV models are end-of-life but can still run BazePort 8.4: MediaSuite 5011 series and MediaSuite 5010 series.

# ABOUT THIS DOCUMENT

This is BazePort **Release document** from Baze Technology.

If you have any comments to this document, please email them to [support@bazeport.com](mailto:support@bazeport.com). Remember to include the document id: **BP-01-PRS-084\_1A Release notes BazePort 8.4**

Revision	Status	Date	Description	Writer	Controller	Approver
1	A	15.12.2021	Document describing new and changed features in BazePort 8.4.	GHK, TR	GHK, TR	EALV

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## About Baze Technology

Baze Technology is the leading provider of BazePort IPTV. Located in Porsgrunn, Norway. Baze Technology has delivered its products to customers all over the world since 2009. Today there are more than 600 installations with almost 60.000 users of BazePort worldwide.

## Request a BazePort demo

In order to get a dedicated BazePort demo, please visit:  
[www.bazeport.com](http://www.bazeport.com),  
e-mail: [sales@bazeport.com](mailto:sales@bazeport.com)

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