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Release document

RELEASE NOTES BAZEPORT 8



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OUR COMMITMENT

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.

The development of new BazePort software versions is our commitment to you. You have the opportunity to always run the latest version of BazePort. 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. This is our most comprehensive version yet, and we are indeed proud of this version and hope you will appreciate and benefit from it. It is made for you!

Please continue to let us know your opinion about our software and services. You are always welcome to let us know your opinion by sending an email to support@bazeport.com

Thank you!

ABOUT THIS RELEASE

This is the release notes for BazePort IPTV system version 8, with information about news and updates for the BazePort IPTV software, including news about BazePort hardware models. BazePort 8 is our most comprehensive release so far. The biggest news in version 8 is our new module BazePort Flow, enabling automation of repetitive and mundane tasks, introduction of BazePort Android native app for use in Android TVs, support for multiple languages for both individuals and groups, and with this version we complete our work on cross-platform compatibility for our BazePort server supporting both Linux server and Microsoft server. There are also lots of enhanced features and performance improvements, as well as new hardware models. All changes, enhancements and bug fixes are tested and ready for deployment.

The commercial release date is 21st of April 2020.

All relevant BazePort documentation has been updated accordingly. If you need a copy, please send a request to support@bazeport.com

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 for more information.

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

HOW TO UPGRADE?

The BazePort 8 release is implemented for our clients over the air. No downtime, planning nor on-site installs are needed.

BazePort 8 is available for download via the Live Update section in BazePort ManagementStudio. 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 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, even systems running older versions.

For installations running BazePort version 5.x, 6.x or 7.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 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.

HARDWARE COMPATIBILITY

BazePort 8 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: 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, however without the touchscreen facility available. BazePort 8 requires the use of a remote control.

- The following Philips professional hospitality TV models are end-of-life but can still run BazePort 8: MediaSuite 5011 series and MediaSuite 5010 series.
- BazePort Android native app in combination with Philips professional Android TV models: MediaSuite 5014 series and MediaSuite 6014 series. Please note that these BazePort units are new in BazePort 8 and upgrade is not applicable.

BAZEPORT 8 HEADLINES

BazePort 8 is our most comprehensive release so far and introduces lots of new functionality and possibilities. The headlines of the BazePort 8 are:

- **BazePort Flow**
We are now introducing a powerful, new module in BazePort Management Studio: BazePort Flow. Flow automates repetitive and mundane tasks for your employees, like the possibility to trigger a chain of actions by pressing a button on a dashboard website. Flow can also be set up to trigger tasks from integrated systems and equipment. The PA/GA mute function is now covered by the new BazePort Flow functionality.
- **BazePort Android native app**
Our new BazePort Android native app runs in Android TVs without the need for an external set-top box. We experience that our clients request the same TV possibilities for their customers and employees as they are used to at home. BazePort Android native app runs on professional Android TVs and has the possibility to run other apps like YouTube, NRK TV, SVT and HBO. The user logs in with their personal account and can also use TV to present from other sources like Apple TV and for casting from personal devices. The BazePort app itself has the same traditional IPTV functions as our set-top box solution.
- **Management Studio Entertainment**
Take a look at how the Movies, Series, Recordings, Podcast and News management have been beautifully unified with the other Management Studio applications in Management Studio Entertainment. Our previous services BazePort Content Services web portal and the standalone administration tool VOD Admin Client are now end of life and replaced by this new module in BazePort Management Studio. The Movies and Series libraries support direct lookup in an international movie synopsis database, enabling you to make a professional and complete content library in multiple languages.
- **Support for multiple languages**
We have done an extensive job on supporting multiple languages on system level in BazePort. It is even possible to have different system languages for different groups and individuals. We are also introducing the possibility to add film synopsis in many languages in your film library.
- **Access control for administrators in BazePort Management System**
Administrators in your BazePort system can now have different permissions in the system. A user can have access to one or many BazePort Management Studio applications. You can define different roles and assign permissions to that role.
- **Cross-platform compatibility**
BazePort 8 is finalizing our work on cross-platform compatibility for our BazePort server supporting both Linux server and Microsoft server.
- **New and improved set-top box**
We have introduced a new BazePort set-top box model CT-2191 with support for 4K2K@60 (UHD) resolution. It comes with a new, price winning remote control with multi-TV IR-support, meaning that you can control both set-top box and TV using only one remote control.

There are also lots of enhanced features and performance improvements, as well as other new hardware models.

BAZEPORT FLOW

We are now introducing a powerful, new module in BazePort Management Studio: BazePort Flow. Flow automates repetitive and mundane tasks for your employees, like the possibility to trigger a chain of actions by pressing a button in a dashboard website from a device connected to the same Wi-Fi as your BazePort installation.

An example of this is that a ferry receptionist, when ship leaves quay, presses a button, and this triggers: Firstly – every screen on the ferry is turned on, secondly – a safety video is automatically played, thirdly – a commercial video is played on all public screens, but not in the cabins.



Flow makes it easy for your employees to reach out with marketing, security, promotion and information. They can prepare preset playback of content independent of technical experts. Automation of simple, tedious tasks like turning on and off screens automatically will give employees time to focus on their actual work tasks.

Flow can even trigger actions based on message from other systems. An example of this is that a hotel's booking system, on check-in, automatically triggers actions in BazePort, like turning on TV screen in the guest's hotel room and sending personal welcome message to the TV screen.

Flow is easy to use and is prepared in just 3 steps:

1: Name the flow

2: Select triggers

3: Decide on actions

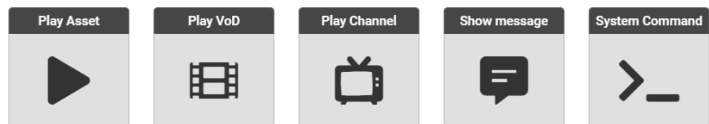
About triggers:

Every trigger has several options and can be customized to fit your needs. For the time trigger you can select time, week days, if it should be daily/weekly etc. You can have more than one trigger, whichever hits first. The webhook trigger has several advanced options like overriding receivers and using variables in the sent message, making it possible with customized triggering, receivers and messages.



About actions:

You can choose to start playback of any content (movies, series, TV channels, pictures, videos) in your system, send messages or send system commands like turning on/off TV.



You can decide who should be part of the action. You can define a chain of actions and more action sets can be triggered at once.

Please note the following changes with introduction of BazePort Flow: All forced content administration will now be set up using BazePort Flow. Flow will be used to set up the following interfaces in BazePort:

- mute sound on all screens on alarm from PA/GA system
- start information video on entering a geographical area, triggered by GPS position of a ship

We are ready to assist you with preparation of flows. Please let us know how we can help by contacting us via email support@bazeport.com

BAZEPORT ANDROID APP IN ANDROID TV

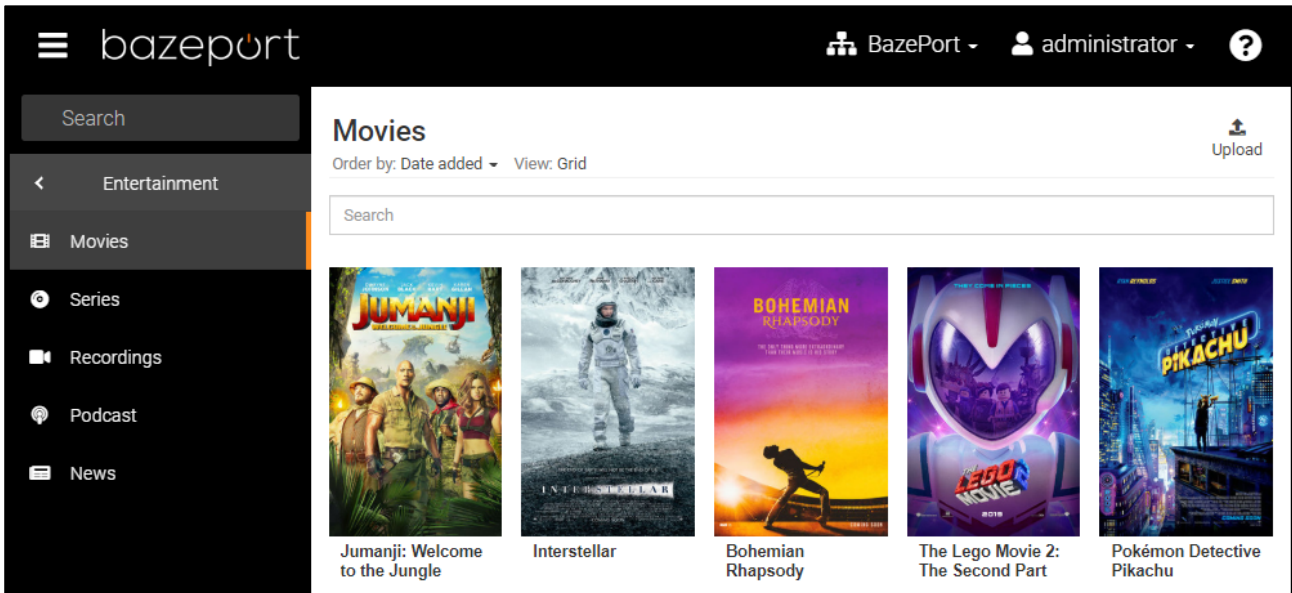
Our new BazePort Android native app runs in Android TVs without the need for an external set-top box. The BazePort app is preinstalled in the TV, and supports all the BazePort IPTV functions as the traditional set-top box solution does.



- BazePort Android native app is available in a special tv model range manufactured by Philips. It is available in sizes from 32 inch up to 65 inch, in both FHD and UHD (size dependent). The Android TVs must be purchased from Baze Technology.
- Use of third party apps
We experience that our clients request that their guests and employees can use the TV screen in the same way that they do at home. Available on request only, is the possibility to activate the Android TV to run other apps like YouTube, NRK TV, SVT, HBO and many more. In this case, the user logs in with their personal account and continues to watch whatever content he or she started watching at home. Which apps are possible to use in the system is part of a setup and the settings can be locked down if preferred. Please note that this functionality requires a fast and stable internet connection, and that the system owner sets up a Google App account for app management. Some apps, like for instance Netflix, also require special approval and third party PMS system integration.
- Cast from personal device
TV has a built-in casting application for casting from personal devices. Please note that this functionality requires an internet service at *like home* quality

MANAGEMENT STUDIO ENTERTAINMENT

Take a look at how the Movies, Series, Recordings, Podcast and News management have been beautifully unified with the other Management Studio applications in Management Studio Entertainment.



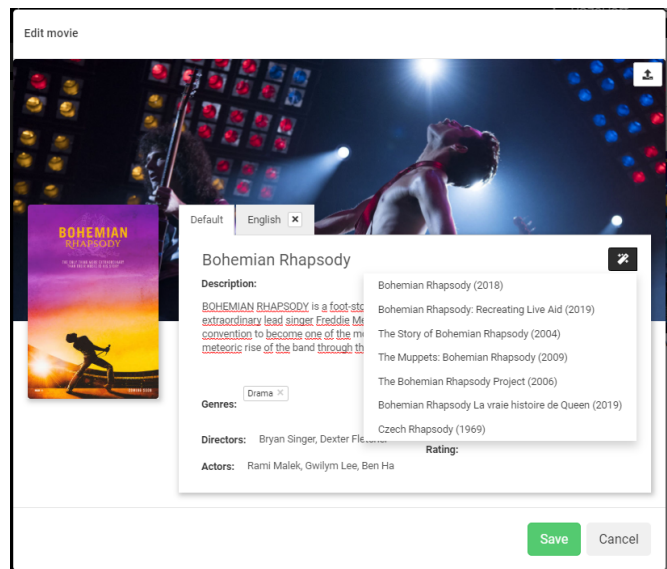
Our previous services BazePort Content Services web portal and the standalone administration tool VOD Admin Client are now end of life and replaced by this new module in BazePort Management Studio.

The Movies and Series libraries contain content from BazePort Content Services subscriptions and your own uploaded videos. BazePort 8 supports direct lookup in TheMovieDB, an international movie synopsis database, enabling you to make a professional and complete content library in multiple languages.

Recordings gives the administrator overview of all recordings in your installations, and the administrator can delete recordings to allow management of server content.

Podcast has been greatly improved and easy to use for the administrator. The administrator can choose number of days or number of episodes to keep for the podcast, delete episodes and generally get a good overview of the podcasts. It supports more Podcast formats than before, like supporting iTunes podcasts directly.

News is available if you have news subscription from Baze Technology. Note that you can select which languages of the news services to be available in your installation. The Euronews service has 13 languages to choose from.



MULTIPLE LANGUAGES AND MORE

SUPPORTING MULTIPLE LANGUAGES FOR END USERS

We have done an extensive job on supporting multiple languages in BazePort. Our goal has been to enable personal language per BazePort unit, as selected by the user. This is now in place! The users will be presented with the selected language in both menus and, if facilitated by administrators, published information.

Administrators can predefine system language for different groups and individuals, meaning that for example guests from France can have their BazePort unit preset with French language. The administrator can prepare folders and pages in the Information Portal in multiple languages, and film synopsis in VOD library can be added in many languages.

ACCESS CONTROL IN MANAGEMENT STUDIO

Administrators in your BazePort system can now have different permissions in BazePort Management Studio. A user can have access to one or many Management Studio applications. You can define different roles and assign permissions to that role. This change makes it safer to let different roles in your organization use the administrator tool, and you avoid having publishers accidentally change technical settings, or technicians accidentally change published content.

BAZEPORT SERVER CROSS-PLATFORM COMPATIBILITY

BazePort server has up to now been delivered with Microsoft server. BazePort 8 is finalizing our work on cross-platform compatibility for our BazePort server supporting both Linux server and Microsoft server. BazePort 8 installations will be delivered with Linux server which represents a big step towards more flexibility, better security in server-client communication and generally a more fit-for-the-BazePort-purpose technical platform.

Installations already running Microsoft server will continue on this platform. The change in technical platform is an expansion, not a migration.

NEW BAZEPORT HARDWARE

BAZEPORT SET-TOP BOX MODEL

We have introduced a new set-top box model, CT-2191. The box itself has the same chassis and connectivity as the CT-2151, but there are several changes inside, as well as a new remote control.

CT-2191 is equipped with a new, price-winning remote control. The remote control comes with multi TV IR support, meaning that you can control both STB and TV using only one remote control. We have made the bold choice not to have number pad on the remote control. The navigation in our applications is based on right-left-up-down arrows, and we trust this to be the best way.

Among the inside changes is 1080p resolution for the user interface for a sharper look in pictures and texts. It also supports 4K2K@60 (UHD) video content. It is powered by a high-performance HiSilicon Hi3798M V200 64 bit quad-core ARM Cortex A53 processor resulting in improved performance. It supports both Linux and Android OS.



OTHER NEW EQUIPMENT

We are continually releasing new and improved models for BazePort equipment. The BazePort set-top box, as well as the Android TV sets supporting BazePort Android app, are very closely connected to our design and development of BazePort 8, but other hardware has also been released in newer models independent of software releases:

- The BazePort Content Server is replacing BazePort IPTV VOD NAS as the add-on unit for BazePort IPTV setups that requires additional storage for on demand services, such as video on demand and recorded content.
- The BazePort standalone IP radio Imperial Dabman i150 replaces the previous HAMA radio

For our BazePort Hospitality TV solution we are now also supporting the new TV models from the Philips PrimeSuite 4014 range.

AND THERE IS MORE...

- New System Status Dashboard in Management Studio Configure. The dashboard now also shows what BazePort version your installation is running, statistics from viewing of TV channels, movies last 7 days and trending movies.
- New menu structure in BazePort Studio Configure. The menu items containing information about BazePort clients (STBs, Android TVs running BazePort Android apps, Hospitality TVs running BazePort firmware) are now gathered in a group called STB Manager with menu items STB clients, Groups and Access Control.
- Improved functionality in BazePort Studio Configure – STB Manager – Access Control; it is now possible to block and give access to applications, TV channels and on demand content on group level without considering inherited rights from a parent group. An example: Block a football channel from being viewed in a specific groups such as passenger cabins.
- Improved functionality in BazePort Studio Configure – Channel Manager; it is now possible to do the same changes on more channels at the same time, and we have introduced a smart lookup for the TV channel icon and the possibility to change icon to a custom icon.
- Improved functionality in BazePort Studio Configure – Settings; this is a new sub menu in Configure where you define new roles and groups for access to BazePort Management Studio. Note that the old System Settings sub menu is moved within the new Settings sub menu and this is where the new functionality Content Languages and Main Content Languages are configured from.
- BazePort Management Studio Publish (and mybazeport.com) changes:
 - Info-TV Channels can have the same asset shown multiple times and then the asset can have different availability
 - In preparation of folders and pages in Info Portal it is now possible to drag and drop menu items up, down and to sub levels. The pages are stamped with last updated and timestamp, and quality of picture resolution and cuttings is improved. In addition to the possibility to add multiple languages for the same page, it is also possible to override a picture for new languages.
 - Forced content is now removed and replaced by functionality in BazePort Flow
- BazePort Management Studio Play: The menu item for Forced content is removed and replaced by functionality in BazePort Flow.
- BazePort Content Services: For content subscriptions to BazePort Premium and Basic packages, any language prepared by Baze Technology will become available for all subscribers.
- Transfer of assets from myBazePort.com can now be throttled (limit the transfer rate). Transfer of content subscriptions from BazePort Content Services can still be throttled. This is set up in the new module BazePort Flow.
- BazePort client changes:
 - TV guide: Icons for TV programs in the Electronic Program Guide will automatically be shown, for movies the film cover will be looked up and presented.
 - VOD functionality: Great improvements in navigation, forwarding and rewinding.
 - Settings, language: Choose the preferred system language. If chosen language is prepared for the content, then content will be shown in selected language as well (otherwise the default content language for the installation will be presented).
 - Settings, scale screen: Scale the screen to avoid cut off in presented picture.

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. Remember to include the document id: **BP-01-PRS-080_1A Release notes BazePort 8**

Revision	Status	Date	Description	Writer	Controller	Approver
1	A	21.04.2020	Document describing new and changed features in BazePort 8.	GHK	EAVL, AH, OMS	TR

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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 400 installations with almost 50.000 users of BazePort worldwide.

Request a BazePort demo

In order to get a dedicated BazePort demo, please visit:
www.bazeport.com,
e-mail: sales@bazeport.com

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