

PUSH VoD+

The screenshot displays the Panaccess Push VoD+ interface. On the left, a 'Categories' menu lists options: ORIGINAL, GENERAL, MOVIES (highlighted), LIFESTYLE, NEWS, DOCUMENTARIES, MUSIC, SPORTS, KIDDIES, and NEW. The main 'Movies' section shows a grid of movie posters including 'SHERLOCK HOLMES', 'VALENTINE'S DAY', 'GREEN ZONE', 'ALICE IN WONDERLAND', 'ZOMBIELAND', '2012', 'It's Complicated', 'UP', 'ALVIN AND THE CHIPMUNKS: A SQUEAK QUEL!', 'PERCY JACKSON: THE LIGHTNING THIEF', 'UP IN THE AIR', and 'LOVELYBONES'. A detailed view for 'SOAR INTO THE SUN A.K.A. RED MUFFLER' is shown, featuring a synopsis, director (KIM Dong-won), genre (Action), and a price of \$1.50. Below the movie details is a 'CODE' entry field with a masked code '*****1'. A 'PLAY' button is visible with options for Preview, Full screen, Back, and Exit. A text box instructs users to text the code with STB service number to +234 1 255 1111 or log on to actv.tv to complete their VOD purchase.

With Panaccess Push VoD+ you can work without the return-channel for:

- Push VoD
- Push Advertising
- Push EPG pictures

Push VoD+

Panaccess Push VoD+ System enables you to complement your live pay-TV services with Video-On-Demand, even if you have no return path via internet or other means.

The content is delivered to your subscriber's STB while it is not being used, typically over night. The user can browse the movie catalog, buy or rent a movie, then play, pause, fast-forward or rewind it.

The service can even be made available on Panaccess receivers, by attaching an external hard disk drive.

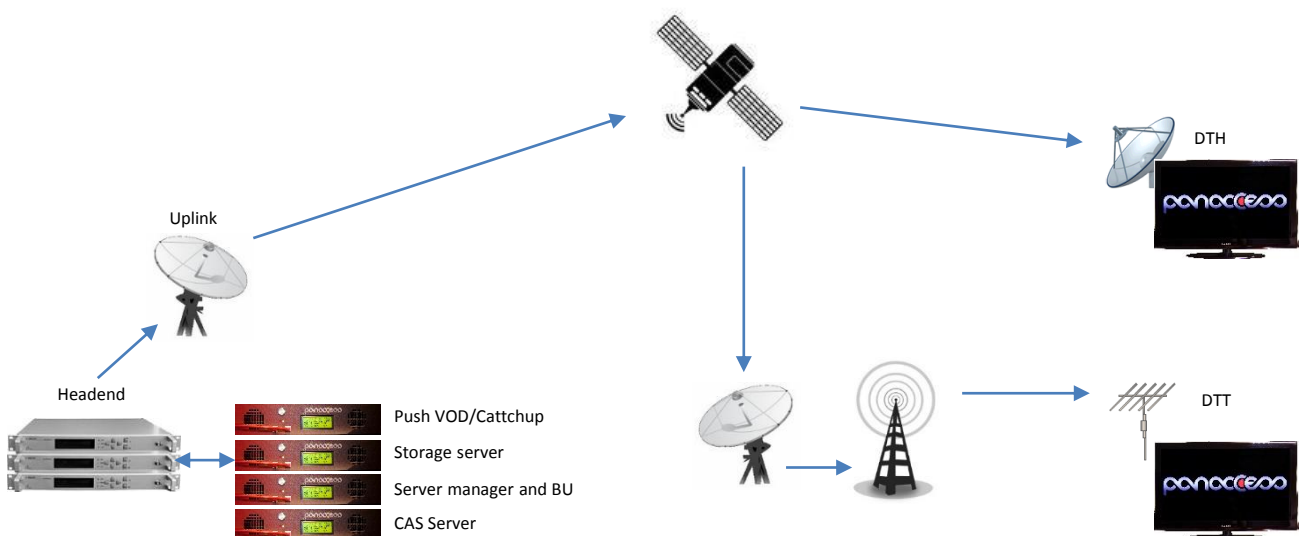
The Panaccess Push VoD+ System supports a series of content delivery options where you can schedule the playout and prioritise what material that should be broadcasted at what time

The Panaccess Push VoD+ also let you push advertising out to the subscriber STBs and stored there. They can then be shown on the screen when the right triggers are sent out with the PSI/SI data.

It is seamlessly integrated with Panaccess approved CAS, DRM and billing systems as well as all other Panaccess products which provides you with a complete set of tools for your TV operation. It easily scales as your VoD portfolio and your subscriber base grow.

The content can be encrypted by Panaccess approved encryption technology or distributed as free to view content in the network

Panaccess Push VoD system over satellite or terrestrial broadcast



Panaccess Push VoD+

Key Features and Benefits

Table 1. Key Features and Benefits of the Push VoD+ System

Features	Benefits
Modular architecture Scalability	<ul style="list-style-type: none"> Simply add new instances of the Push VoD+ Servers to grow your system with more content as you grow. Expand your Push VoD+ Server with external storage as your movie library grows. Easily deploy new service functionalities as they become available, via a field upgrade.
Open architecture	<ul style="list-style-type: none"> Integrate your choice of third party products through open APIs.
Performance & Quality of Service	
Adaptative, error-proof data transmission	<ul style="list-style-type: none"> Only complete and playable content is presented to your subscribers thanks to the error-proof data transmission engine. Speed can be chosen and changed by the operator any time. We use D SM CC Date Carousel standard
Always-on configuration	<ul style="list-style-type: none"> The system's backup unit ensures service continuity should the main Push VoD+ server become unavailable
Quality monitoring	<ul style="list-style-type: none"> The Push VoD+ Monitoring Server automatically verifies the integrity of the transmitted content and alerts your support personnel as needed.
Manageability	
Unified management platform	<ul style="list-style-type: none"> Your support personnel benefits from a single, intuitive control center to manage all your VoD+ resources, from content channels to transmission schedule and catalog pricing.

Main Software Functionalities

Table 2. Push VoD+ System software functionalities

Software component	Functionality
Push VoD File Manager	<ul style="list-style-type: none"> • Add and manage content files on the Push VoD Server. • Provide the transmission status of content files. • System warns when you have exceeded the default STB disk size. Logging of all actions.
VoD Entries	<ul style="list-style-type: none"> • Create and manage posters, trailers, movies and attributes. • Define time-slots for when VoD content is visible. • Create individual and multiple subscription/transaction VoD packages.
VoD Categories	<ul style="list-style-type: none"> • Create and manage VoD content categories. • Define VoD content category attributes (e.g. access authorization PINs).
VoD Channels (Services)	<ul style="list-style-type: none"> • Create Push VoD content channels. • Assign transmission bitrates. • Automatically prepare transmission schedule based on VoD time-slots. • Set content transmission priority.
VoD Storage Management	<ul style="list-style-type: none"> • Allocate disk space to categories. • Monitor actual versus planned allocation and adjust as needed.
VoD Scheduler	<ul style="list-style-type: none"> • View the Push VoD channels (services) transmission schedule. • Set Push VoD channels transmission priorities. • Adjust individual schedules of VoD channels.
VoD Pricing	<ul style="list-style-type: none"> • Define pricing profiles. • Set variable time-dependent pricing options for movies. • Set VoD subscription and transaction pricing.