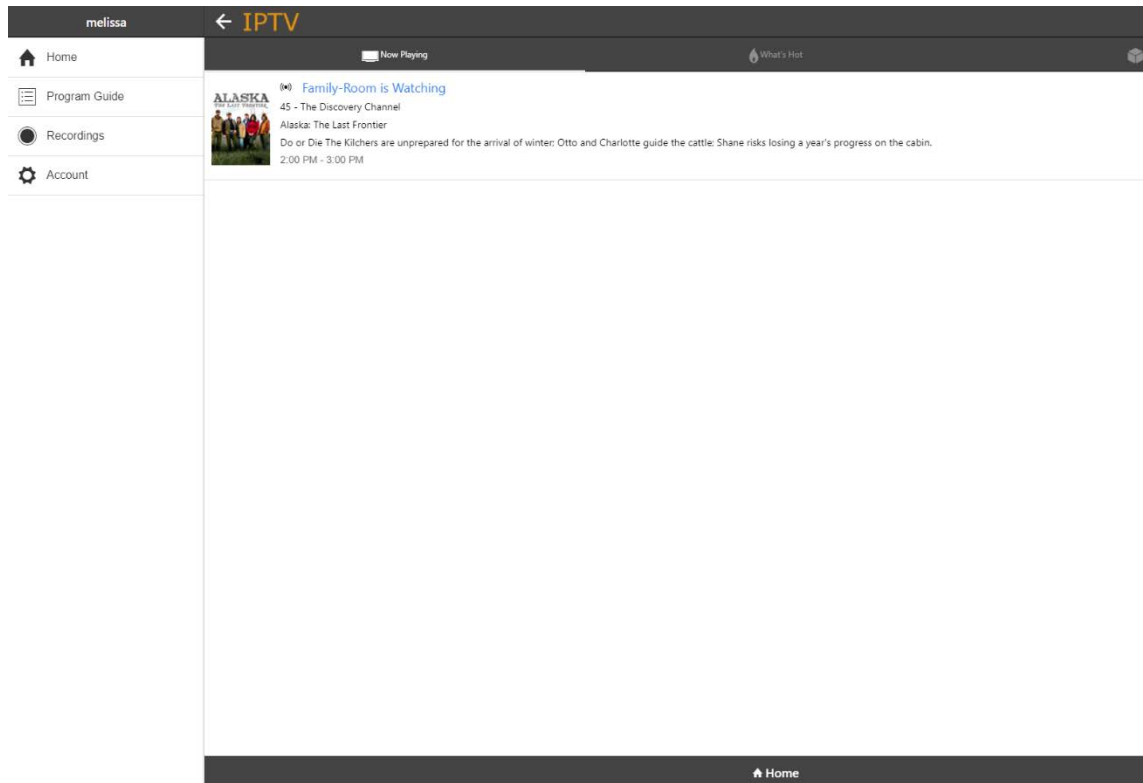


IPTV Middleware

Updated Web Portal User Guide

Version 3.0



The information presented in this document is written for the default settings of the system. The *IPTV Middleware Web Portal User Guide* may be reformatted to fit your company needs. All screen captures used in this guide are available as individual images.

This guide is a working document. The information and screen captures represented in this document may change frequently and without notice.

IPTV Updated Web Portal

Introduction

The Web Portal IPTV feature allows end users to manage their service settings from their PC through a HTML5 Web-browser-based interface.

IPTV Web Portal

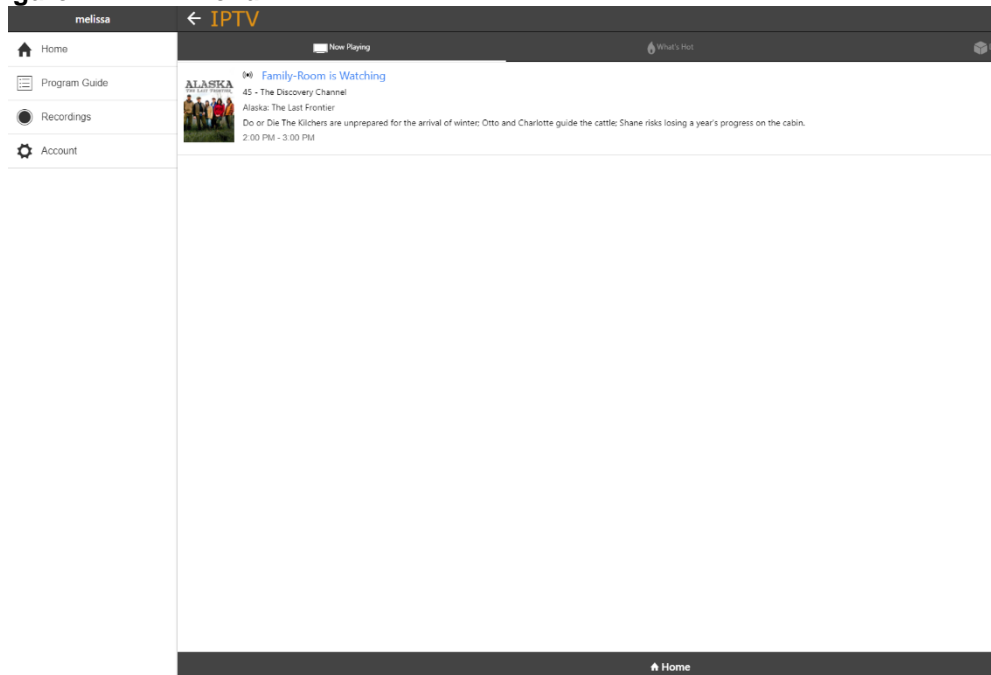
The IPTV Web Portal feature allows subscribers to administer their set top box settings and search for a specific program, record programs and edit program series, and access program guide data.

The IPTV interface (see Figure 1-1) is accessed by following these steps:

1. Login to the IPTV Updated Web Portal page.
2. Click on the three horizontal lines next to “IPTV” to get the IPTV Menu.



Figure 1-1 IPTV Menu



1. Home Tab

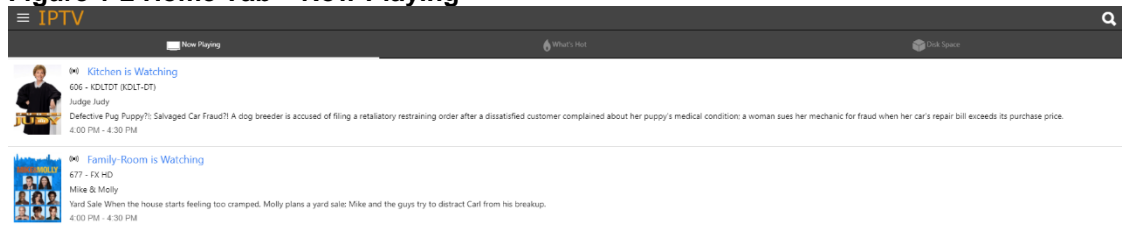
The Home Tab is split into three tabs:

- *Now Playing*
- *What's Hot*
- *Disk Space*

Now Playing

The Now Playing tab shows what is playing on each of the STBs.

Figure 1-2 Home Tab – Now Playing

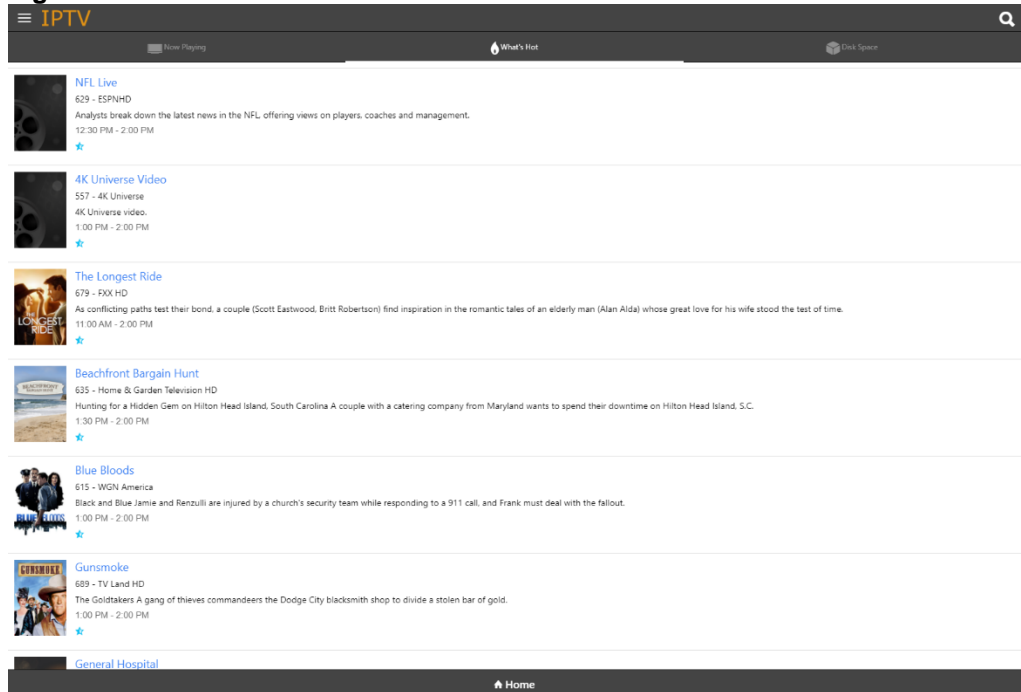


What's Hot

The

What's Hot tab shows real time information about what others in the same viewing area are watching.

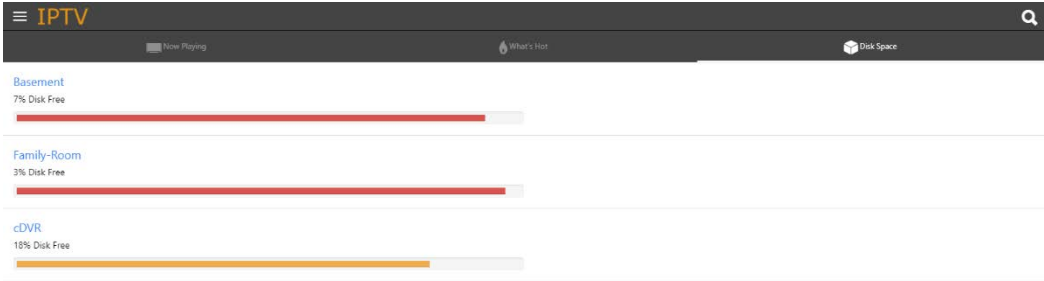
Figure 1-3 Home Tab – What's Hot



Disk Space

The Disk Space tab show how much free space is on each STB.

Figure 1-4 Disk Space



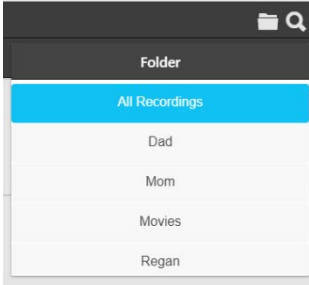
2. Recordings Category

The Recording category contains all past and future recordings and their management options and settings. The Recording category is divided into the following tabs:

- *Current Recordings*
- *Future Recordings*
- *Series Rule*

To view the recordings by folders, click on the folder image at the top right-hand corner and choose which folder you would like to view.

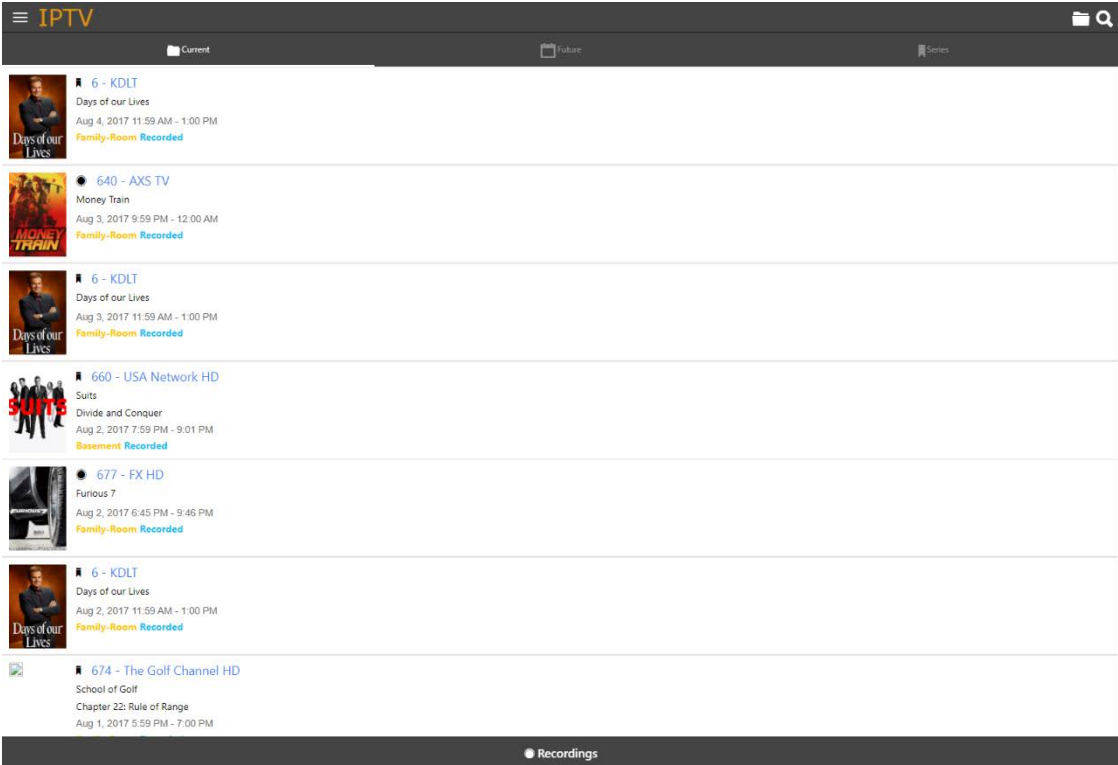
Figure 2-1 Folder List in Recordings Tab



Current Recordings Tab

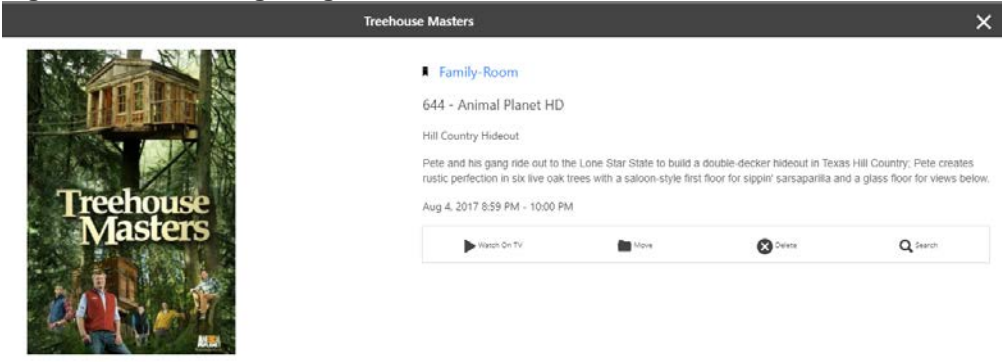
The Recordings tab shows previously recorded programs.

Figure 2-2 Recordings Tab



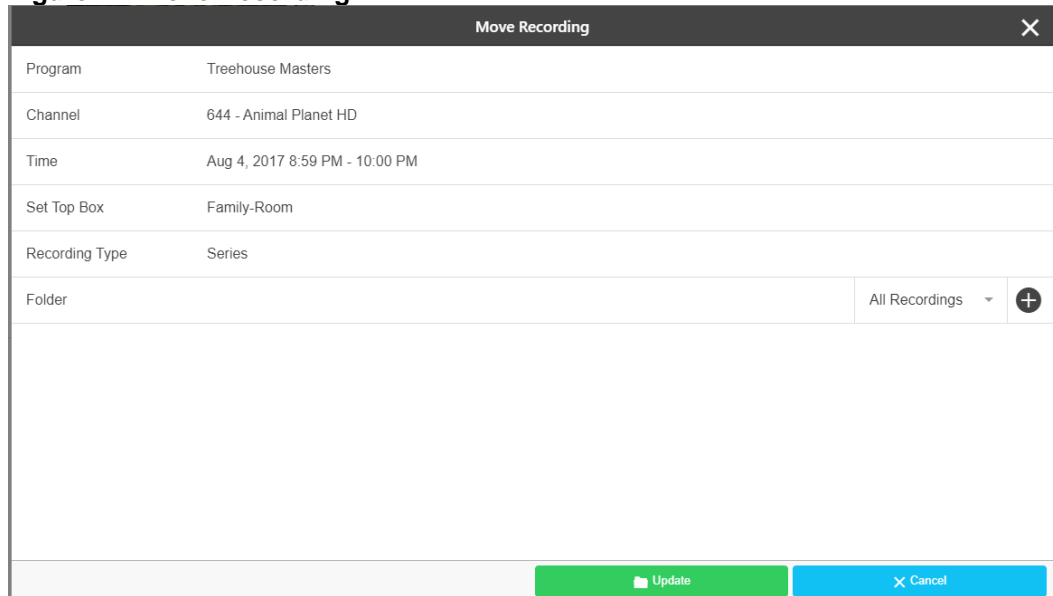
Select a recording by clicking on it. This will bring up a program information window which will give a description of the program, channel, air time and date.

Figure 2-3 Recording Program Information



Click on the Watch on TV tab to play the recording. If you would like to move this recording, click on the Move icon. This will bring up the Move Recording window.

Figure 2-4 Move Recording

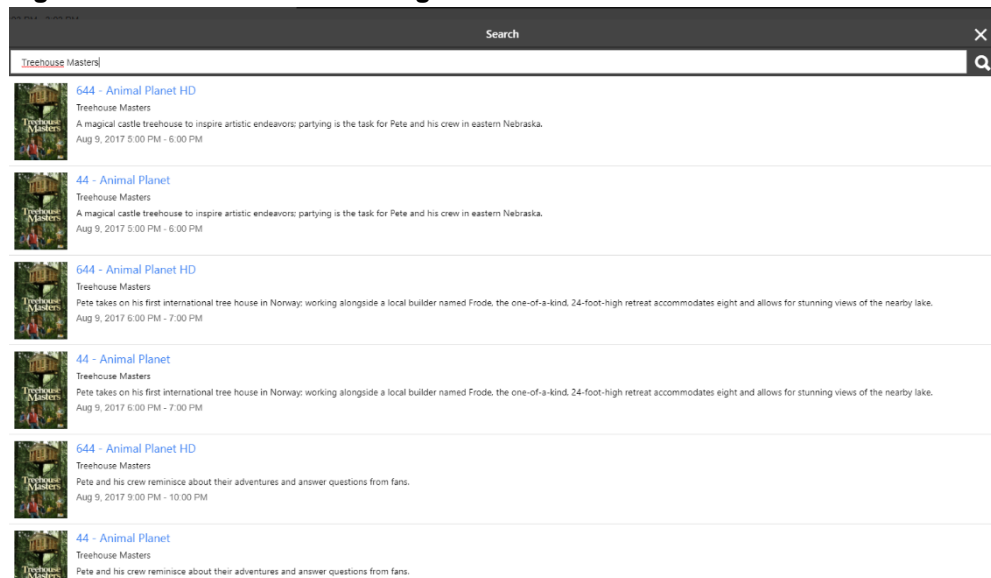


Click on the down arrow in the Folder section to move the recording to a different folder. If you would like to create a new folder, click on the + sign to add a new folder.

Click on the Delete icon to delete the recording.

Click on the Search icon in the program information window to search for more available airing times of this program.

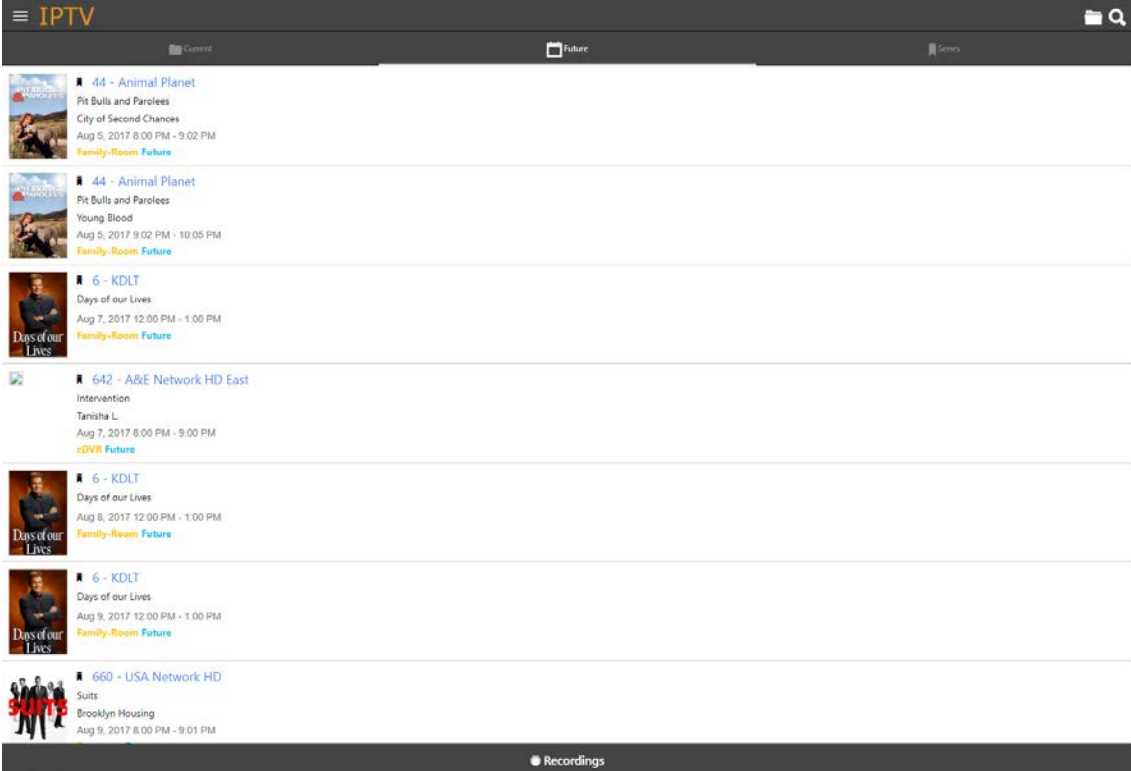
Figure 2-5 Search for More Airing Times



Future Recordings Tab

The Future Recordings tab shows scheduled program recordings. These scheduled recordings may be sorted by previously created folders or the All Recordings folder by clicking on the Folder filter in the top right-hand corner.

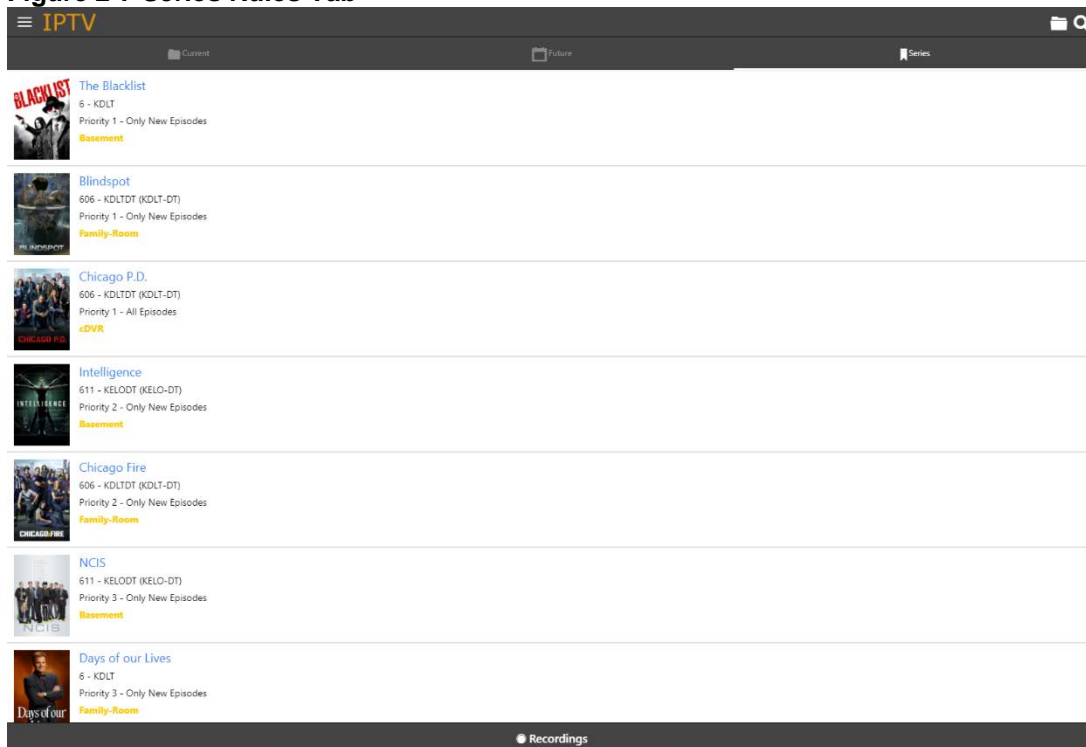
Figure 2-6 Future Recordings Tab



Series Rules Tab

The Series Rules tab contains manageable recordings options for scheduled program series recordings. Series Rules are originally created when choosing to record a program and the option to record it as a One Time recording or a Series recording is given. The Series Rules that have been previously created may have their options updated, prioritized by what programs should always be recorded first in the event that there is a timing conflict or space limitation, and they may be deleted.

Figure 2-7 Series Rules Tab



Series Rule Information and Actions

Existing Series Rules may be managed by selecting a program name from list of Series Recordings. Once a program has been selected, the Series Rule information will be displayed in the window. Update the fields available (see Edit Series Recording Fields) and select the *Save* button.

Note: Some fields may not be changed from within this window.

Figure 2-8 Edit Series Recording Window

The Blacklist	
Channel	6 - KDLT
Set Top Box	Basement
Folder	All Recordings +
Priority	1
Keep At Most	All Episodes -
Show Type	Only New Episodes -
Start Recording	Scheduled Time -
Stop Recording	3 Minutes Late -

Update Delete

Table 1-A Edit Series Recording Fields

Channel	The Series Rule channel number, name, and Call Sign. This field cannot be edited from within this screen.
Set Top Box	The Set Top Box to which this series recording is assigned to. This field cannot be edited from within this screen.
Folder	The selected recording folder specified for this Series Rule. If a new folder must be created for this Series Rule, select the plus sign to the right of the folder list, and enter a new folder name.
Priority	The priority is a setting that determines what recordings. This field can be edited from within this screen.
Keep At Most	The amount of recordings for this series that should be kept at any given time. If this amount is surpassed, the oldest recording from this series will be deleted. Options include: <ul style="list-style-type: none">• All• 1-10 episodes

Show Type	The specified show type that will be recorded. Options include: <ul style="list-style-type: none"> • Only New Episodes • All Episodes
Start Recording	The time that the recording should begin. Recordings may be set to start before a program is scheduled to begin. Options include: <ul style="list-style-type: none"> • 1-5 Minutes Early • Ten Minutes Early • Fifteen Minutes Early • Scheduled Time • 1-5 Minutes Late • Ten Minutes Late • Fifteen Minutes Late • Thirty Minutes Late • Fort-five Minutes Late • Sixty Minutes Late
Stop Recording	The time that the recording should end. Recordings may be set to stop after a program is scheduled to end. Options include: <ul style="list-style-type: none"> • 1-5 Minutes Early • Ten Minutes Early • Fifteen Minutes Early • Scheduled Time • 1-5 Minutes Late • Ten Minutes Late • Fifteen Minutes Late • Thirty Minutes Late • Fort-five Minutes Late • Sixty Minutes Late

To set the priority level of an existing Series Rule, select the program series and enter the *Priority* level. Select the *Update* button (Series Rules with a lower priority number will have more priority during timing conflicts and space limitations).

To delete an existing Series Rule, select the program series and select the red *Delete* button in the below of the Series Rule window.

3. Guide Category

The Guide category provides a current television program guide that may be used to search for more times of a selected show or to create a new One Time or Series recording. The Guide category is separated into a By Time Guide or By Channel Guide, a channel listing selection menu, and the program listing selection menu.

To navigate through the Guide category channel listings selection menu, use the green *Up* and *Down arrow* buttons above and below the menu. Use the *Left* and *Right arrow* buttons on either side of the program selection menu to move by time. (Guide data will only be available for future program information.)

Figure 3-1 By Time Guide

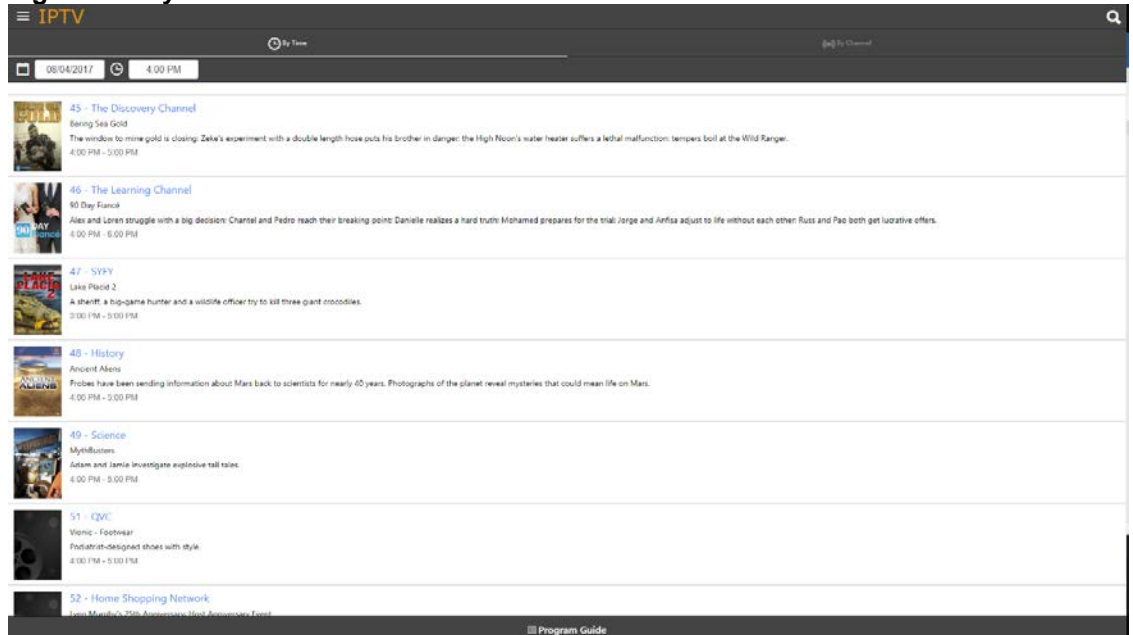
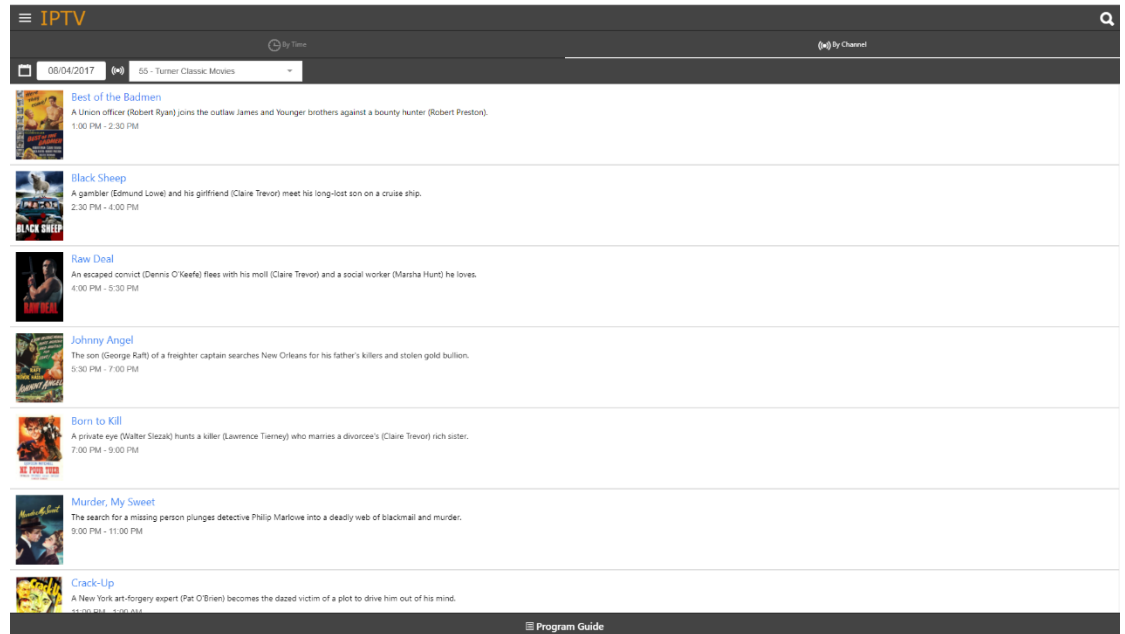


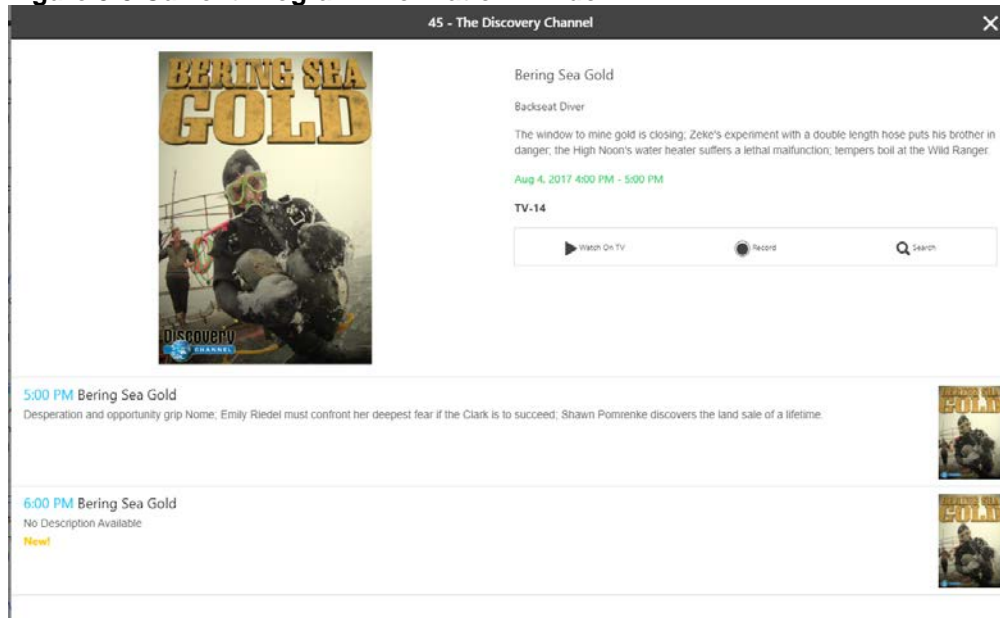
Figure 3-2 By Channel Guide



Current Program Information Window

The Current Program Information window appears when a program is selected from the Guide. A title, brief description of the program, the channel number and name, rating information, and air date and time may be provided in this window. There is also a list of more airings of the current program available in the bottom of this window. From within the Current Program Information window, the user may choose to search for more airings of the current program by selecting the *Search* button, or the program may be selected to be recorded by pressing the *Record* button.

Figure 3-3 Current Program Information Window



Creating a New Recording

To create a new recording, select a program from within the channel guide. In the program information window at the bottom of the guide, select the *Record* button. A Setup a New Recording window will appear (see Setup a New Recording). The recording may be either a One Time recording, which will record the single program air time selected, or a Series recording, which will create a Series Rule allowing all programs within that series to be automatically recorded. Once a recording type is selected, enter the appropriate fields (see Setup a New Recording Fields) and select the *Record* button.

Note: Some fields may not be changed from within this window.

Figure 3-4 Setup a New Recording

New Recording	
Program	Bering Sea Gold
Channel	45 - The Discovery Channel
Time	Aug 4, 2017 4:00 PM - 5:00 PM
Set Top Box	Basement
Folder	All Recordings
Recording Type	One Time
Start Recording	Scheduled Time
Stop Recording	Scheduled Time
<input type="button" value="Record"/> <input type="button" value="Cancel"/>	

Table 1-B Setup a New Recording Fields

Program Name/ Series Name	The name of the program or series recording. This field cannot be edited from within this screen.
Channel	The program or series channel number, name, and Call Sign. This field cannot be edited from within this screen.
Time	The date and time of the program or series recording. This field cannot be edited from within this screen.
Set Top Box	The Set Top Box to which this series recording is assigned to. This field cannot be edited from within this screen.

Folder	The selected recording folder specified for this Series Rule. If a new folder must be created for this Series Rule, select the plus sign to the right of the folder list, and enter a new folder name.
Recording Type	The specified recording type and options include: <ul style="list-style-type: none"> • One Time • Series
Start Recording	The time that the recording should begin. Recordings may be set to start before a program is scheduled to begin. Options include: <ul style="list-style-type: none"> • 1-5 Minutes Early • Ten Minutes Early • Fifteen Minutes Early • Scheduled Time • 1-5 Minutes Late • Ten Minutes Late • Fifteen Minutes Late • Thirty Minutes Late • Fort-five Minutes Late • Sixty Minutes Late
Stop Recording	The time that the recording should end. Recordings may be set to stop after a program is scheduled to end. Options include: <ul style="list-style-type: none"> • 1-5 Minutes Early • Ten Minutes Early • Fifteen Minutes Early • Scheduled Time • 1-5 Minutes Late • Ten Minutes Late • Fifteen Minutes Late • Thirty Minutes Late • Fort-five Minutes Late • Sixty Minutes Late