

# Internet Protocol TeleVision



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## Legal Disclaimer

I do not develop, distribute, or administer streaming applications, add-ons, streaming websites or streaming services. Furthermore, I cannot determine the legality of any streaming platform referred to in this presentation which is given solely for educational purposes.

The end-user is solely responsible for media they may choose to access and I assume that all streaming platforms referred to are abiding by copyright laws and licensing requirements set forth within the applicable jurisdiction. Users should only stream works not protected by copyright when using unverified streaming solutions.



# What is IPTV?

IPTV is a service that uses the Internet to provides programming and other video content as opposed to OTA broadcast TV, cable TV or satellite signals.

An IPTV service, typically distributed by a service provider, delivers live TV programs or on-demand video content via IP networks.

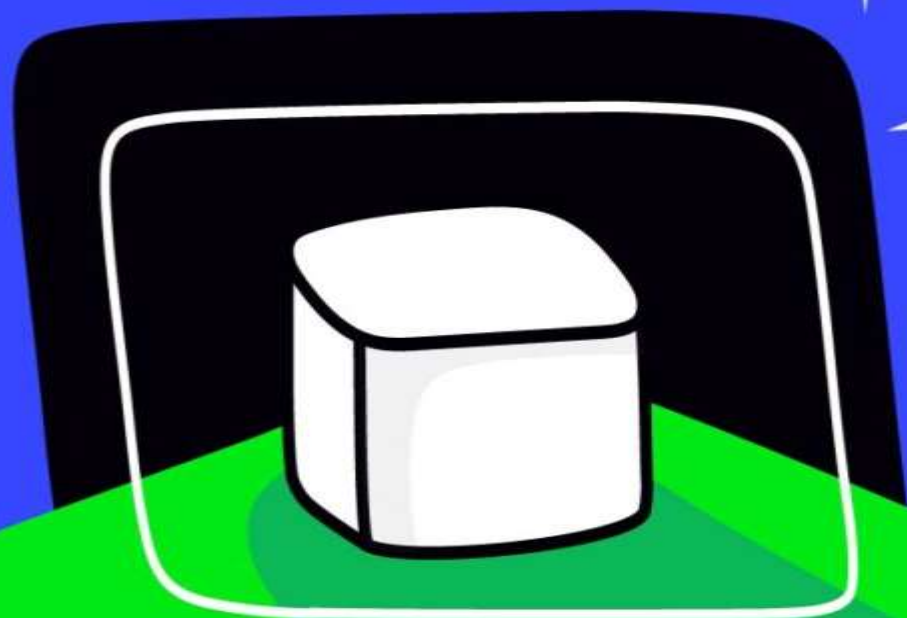
# Examples of IPTV Service Providers:



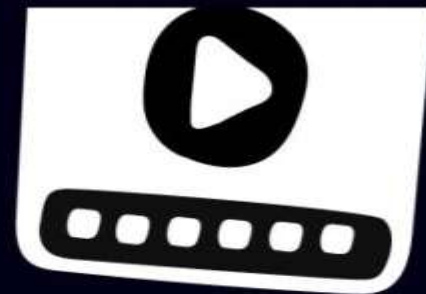


# Live Streaming

**LIVE**



# VOD



# Live Streaming vs Video On Demand (VOD)

Live streaming refers to the broadcasting of video content over the Internet in real-time. It differs from VOD in that it doesn't involve pre-recorded content.

Video on Demand is a digital media distribution system which allows users to select pre-recorded videos and view them when they want. Users can pause, fast forward or rewind content.

# Live Streaming vs Video On Demand (VOD)

Although the term IPTV technically does refer to the streaming of either (VOD) Video On Demand or live stream real-time content, it is more common for the terms to be used solely in reference to live-stream content.

VOD will be examined briefly followed by a closer look at live (IPTV) streaming and its implications.

# Video On Demand Models

**SVOD:** Subscriber based video on demand

**TVOD:** Transaction based video on demand

**AVOD:** Ad-based video on demand.





# Hybrid Streaming Services

CBC Gem serves up BOTH video on demand and live stream content.

You can access VOD content for most of the content carried on the CBC.



# Hybrid Streaming Services

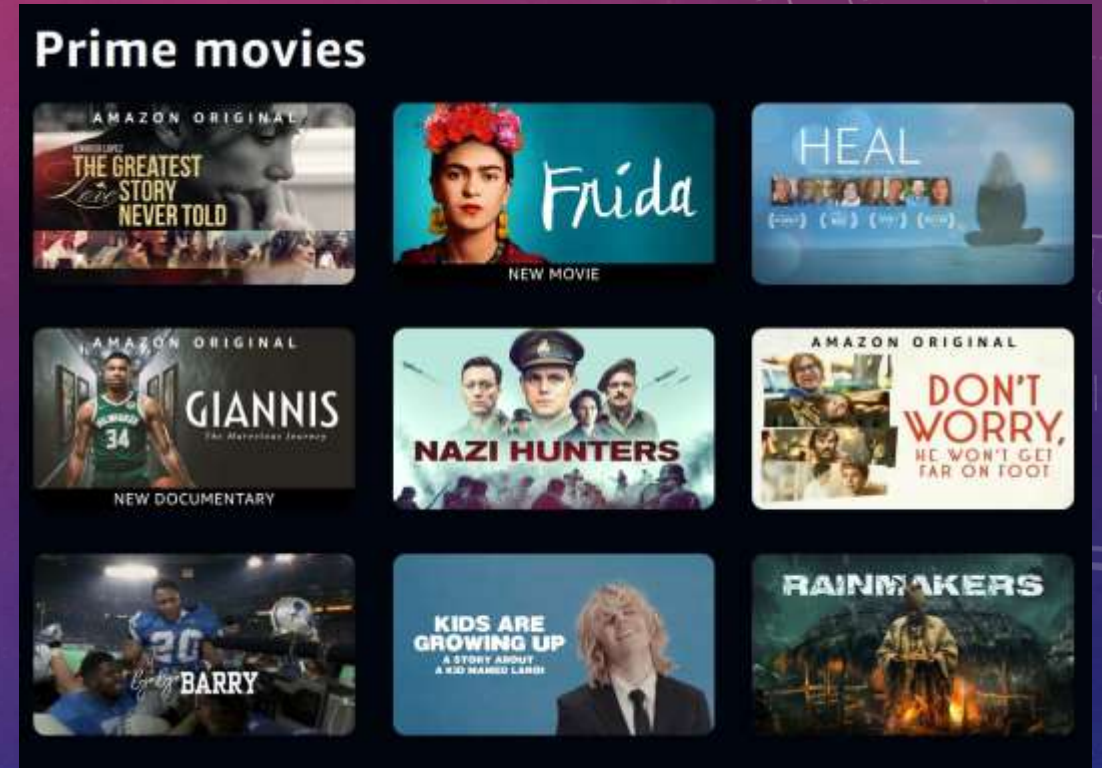
Or live stream any of the 14 regional channels including:  
St John's, Charlottetown,  
Halifax, Fredericton, Montreal,  
Ottawa, Toronto, Windsor,  
Winnipeg, Regina, Edmonton,  
Calgary, Vancouver and  
Yellowknife.



# All content has a unique internet location

It doesn't matter whether you're accessing content through a website in your browser or through an app on your device.....

All content has a unique internet location.





# All content has a unique internet location

If you wanted to watch the “Sparks fly between Evelyn and Cassie” in Episode 11205 of Coronation Street from 28 March it’s hypothetically at:

<https://gem.cbc.ca/coronation-street/11205>





# Provider Specific Applications

Many content providers have 'provider specific applications' to deliver their content.

Provider specific apps may have limitations.



# Problems: Provider Specific Applications

Was it designed for a touch screen?

Does your device support updates? LG Smart TV Updater

Does it support your OS version?



# IPTV Applications

Is there a generic IPTV application through which I can access the content available either over the air or through my TV package subscription?





# IPTV Applications





# IPTV Applications

Is there a generic IPTV application through which I can access the content available either over the air or through my TV package subscription?



No, sadly, there isn't....

# IPTV Applications

If I cannot use a generic IPTV application to access the TV subscription from my provider, can I find a television service provider that supports a generic IPTV application?



# IPTV Service Providers

There are a wide variety of IPTV Service Providers from which to choose.

One need only search “*Best IPTV Service Providers*” on Google to obtain any number of service providers.





# Verified vs Unverified

You will quickly discover that providers may be categorized into one of two categories: verified or unverified.

What's the difference? What do they mean?





# Verified vs Unverified

You will often see unverified service providers described as “those that aren’t available in popular app stores”.

Does verified mean legal?  
Does unverified mean illegal?



# One hint might be Checkout Options

If the only payment option for the IPTV subscription is Bitcoin then the provider's legitimacy may be suspect.

If, however, payment can be made using more conventional means perhaps less so.



From: Michael Geist <mgeistemail@gmail.com> On Behalf Of Michael Geist

Sent: Friday, March 29, 2024 3:29 PM

To: [email address hidden]

Subject: Re: current law on streaming content

Jeff,

Thanks for the note.

You're right that most streaming services can be expected to have licensed the right to stream. As a consumer, I think you can proceed on the presumption that the streaming service you're using has done so. I do not believe a consumer would face liability if it was later found that the service was streaming on an unauthorized basis.

Best,

MG



# IPTV Delivery Methods

IPTV Service Providers typically provide access to content in one of two ways:

Using M3U Playlists

Using Xtreme Codes



# Choosing an IPTV Service Providers

What platform(s) will you be using?

How many devices can you use?

How many streams can you access simultaneously?

Is the device registered using a MAC address?



**BEST IPTV  
SERVICES**

# IPTV Software Application for Windows

## LiftOff's IPTV Smarters Expert Premium for Windows

<https://www.microsoft.com/store/productId/9P6HJ5ZSWFB8?ocid=pdpshare>



## Velocity App Team's TvMate IPTV Player

<https://apps.microsoft.com/detail/9n1wj3vpcjs9?hl=en-us&gl=US>





# IPTV Software Application for Android

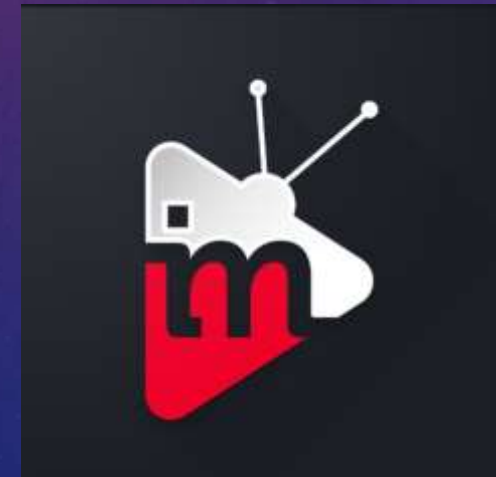
## WHMCS IPTV Smarters Pro v2.2.2.5 for Android

<https://www.whmcsmarters.com/clients/index.php?rp=/download&language=english>



## HzApp's iMPlayer TV IPTV Player for Android

[https://play.google.com/store/apps/details?id=com.myiptvonline.implayer&hl=en\\_US](https://play.google.com/store/apps/details?id=com.myiptvonline.implayer&hl=en_US)



# M3U Playlist Example:

IPTV-org GitHub

[https://iptv-](https://iptv-org.github.io/iptv/index.country.m3u)

[org.github.io/iptv/index.country.m3u](https://iptv-org.github.io/iptv/index.country.m3u)



# IPTV Software Demo the Windows OS

Sit back, relax and grab your popcorn and a cold drink for a brief demo.

Thanks Bob... this image was generated by the Perchance AI Image Generator.



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