
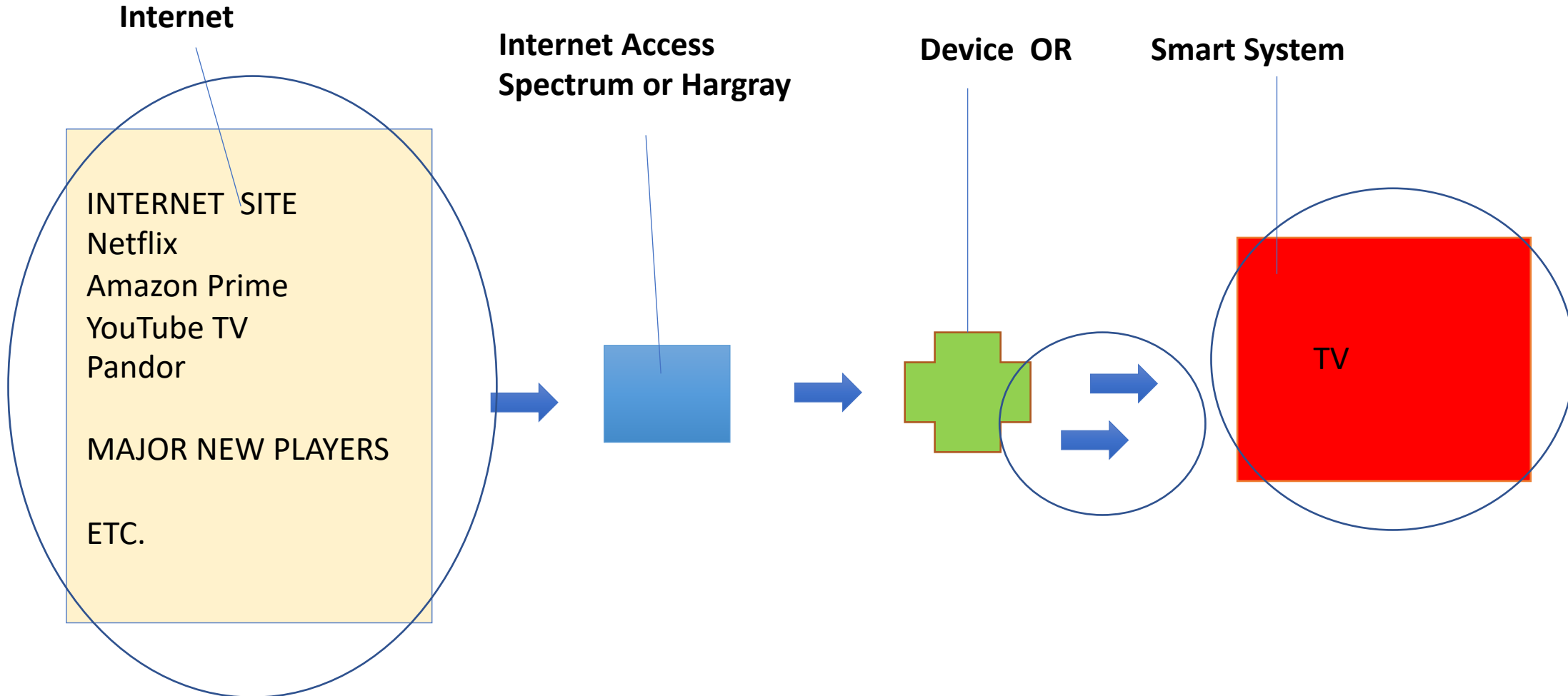


STREAMING – UPDATE – INCREASING POSSIBILITIES

DECEMBER 12, 2022

- GOAL – TO PROVIDE AN UPDATE OF NEW TRENDS TO USE THE BASICS OF STREAMING AND GET MORE FLEXIBILITY AND ENJOYMENT .
- AGENDA
 - LATEST TRENDS
 - ALL TV'S SMART
 - MIRRORING
 - MAJOR NEW PLAYERS
- LEADING SERVICES BY TYPE – BOB'S PICKS DEMO 
 - LIVE TV
 - RECORDED –MOVIES , SERIES
 - MUSIC
- BASICS - STREAMING REFRESHER
- CAUTION THIS MARKET IS CHANGING ALL THE TIME - SO SHOP FOR DEVICES AND CONTENT - YOUR CHOICES CAN IMPACT SAVINGS – IF ANY

STREAMING - THE EVOLVING BASICS




LATEST STREAMING TRENDS

- INCREASING USE OF DEVICES – TABLETS , LARGE SCREEN PHONES
- ALL NEW TV'S ARE "SMART"
- LEADING SYSTEMS ARE BUILT IN – ROKU TV'S
- LESS DEMAND FOR EXTERNAL STREAMING DEVICES
- MIRRORING NOW COMMON TO ALL SMART SYSTEMS
- SITE PRICE INCREASES HAVE MADE SAVINGS HARDER TO FIND
- MORE CHOICES OF CONTENT THAN EVER
- CABLE AND SATELLITE HAVE REPONDED BY OFFERING STREAMING
- INTERNET SPEED HAS INCREASED – NO LONGER AN ISSUE

ACCESS TO SITES – TV & SMART SYSTEMS

- STREAMING CAPABILITY BUILT INTO TV – ALL HAVE IT NOW
- OFTEN CONVENIENT IF THEY OFFER STREAMING SITES YOU WANT
- DEVICES LIKE ROKU CAN PROVIDE ALL SMART FEATURES TO OLD TVS

- SINGLE REMOTE CONTROLS ALL TV FUNCTIONS –MOST NOW HAVE GOOD VOICE COMMANDS
- KEY FEATURES TO LOOK FOR ARE SEARCH FUNCTION, EASY TO NAVIGATE BETWEEN SITES (CHANNELS), AUTOMATIC UPDATES OF SYSTEM

- LEADING SYSTEM ROKU –BUILT IN OR DEVICE (DEMO) 

MOST TV'S ARE SMART



Sony 55 Inch 4K Ultra HD TV X80K Series: LED Smart Google TV with Dolby Vision HDR KD55X80K- 2022 Model

4.6 ★★★★★ (704)

Limited time deal

\$578⁰⁰ ~~\$749.99~~

Or \$115.60/month for 5 months (no fees or interest)

FREE Delivery for Prime members

Options: 6 sizes

Works with Alexa

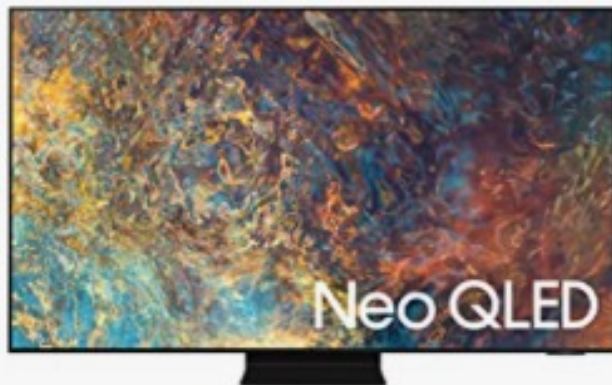
More Buying Choices

Display Size: **55 inches**

Refresh Rate: **60 hertz**

Resolution: **4k uhd**

Model Year: **2022**



SAMSUNG 50-Inch Class Neo QLED QN9DA Series - 4K UHD Quantum HDR 24x Smart TV with Alexa Built-in...

4.5 ★★★★★ (82)

\$799⁰⁰

Or \$44.39/mo (18 mo) with 0% APR

✓prime FREE Delivery Tue, Dec 13

Arrives before Christmas

Options: 2 sizes

Display Size: **50 inches**

Refresh Rate: **120 hz**

Resolution: **4k uhd**

Model Year: **2021**

SMART TV'S LEADING SYSTEMS BUILT-IN



TCL 32-inch 3-Series 720p Roku Smart TV - 32S335, 2021 Model

4.6 ★★★★★ (14,530)

Works with Alexa

Display Size: **32 inches**
Refresh Rate: **60 hertz**
Resolution: **1280 x 720**
Model Year: **2021**

Best Seller



Featured from our brands

Amazon Fire TV 50" 4-Series 4K UHD smart TV

4.6 ★★★★★ (26,204)

\$289⁹⁹ ~~\$469.99~~

Or \$12.09/month for 24 months (no fees or interest)

FREE Delivery for Prime members

Display Size: **50 inches**
Refresh Rate: **60 hertz**
Resolution: **4K**
Model Year: **2021**

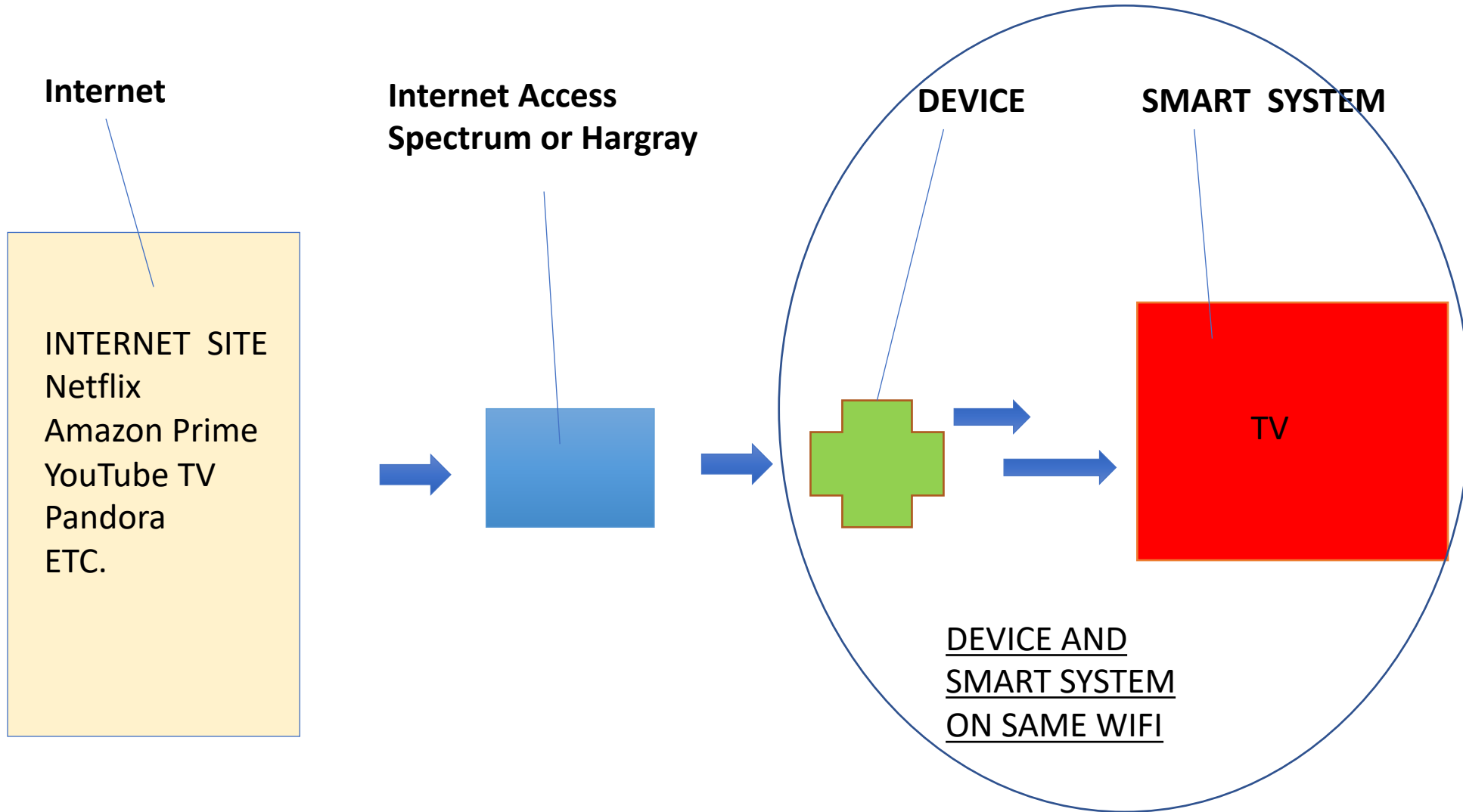
DEVICE CAPABILITIES INCREASING OPTIONS

- MOST SITES (APPS) ARE AVAILABLE ON DEVICES
- TABLETS CAN BE PERSONAL STREAMING TVS
- TABLETS AND PHONES CAN MIRROR TO SMART TV

MIRRORING – WHAT IS IT ?

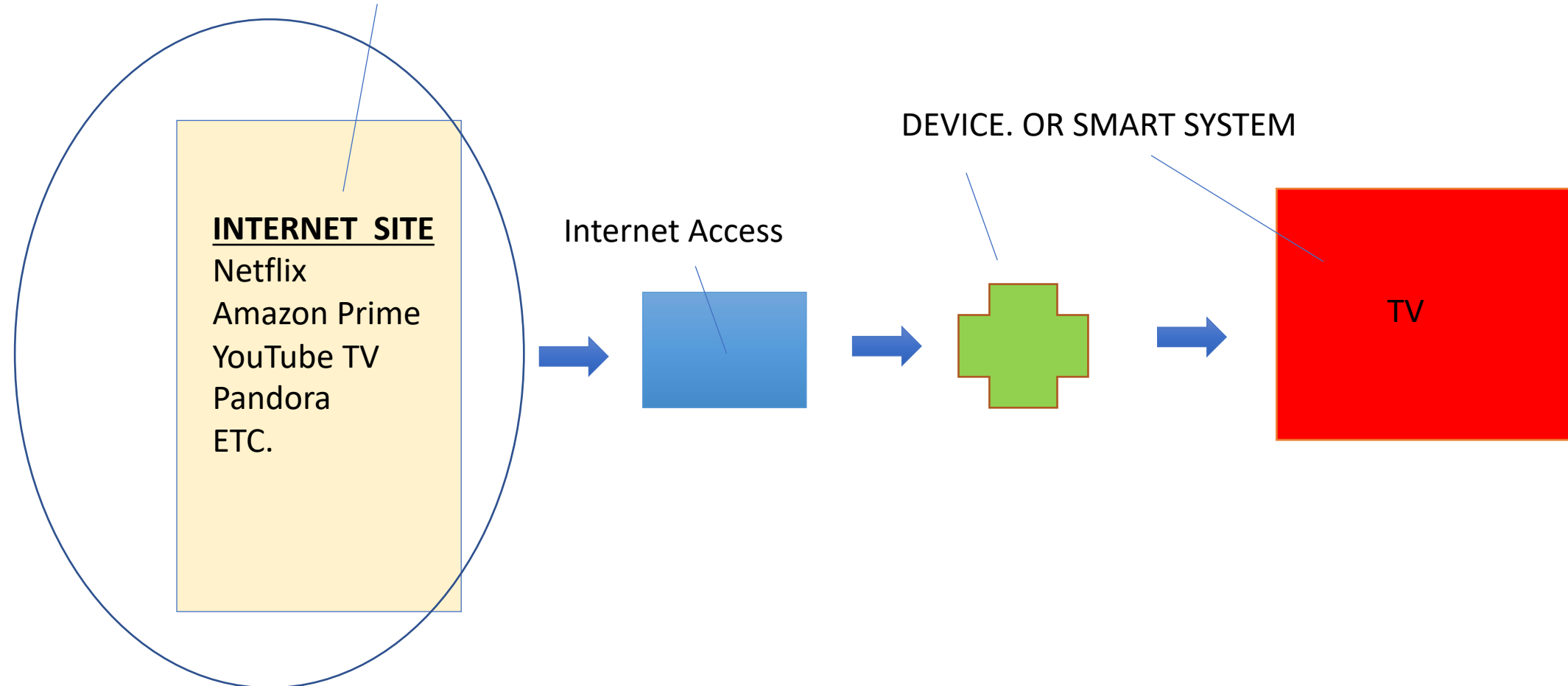
- TRANSFERS LIVE STEAMING SHOWS, MOVIES, MUSIC OR IMAGES FROM IPHONE, IPAD, LAPTOP TO A SMART ENABLED TV
- CREATES NEW OPTIONS FOR CONNECTING BETWEEN THE INTERNET AND VIEWING
- DEMO IPAD TO ROKU TV (APPLE PLAY)

STREAMING – WITH DEVICE MIRRORING TO SMART SYSTEM



STREAMING SERVICES ARE INTERNET SITES

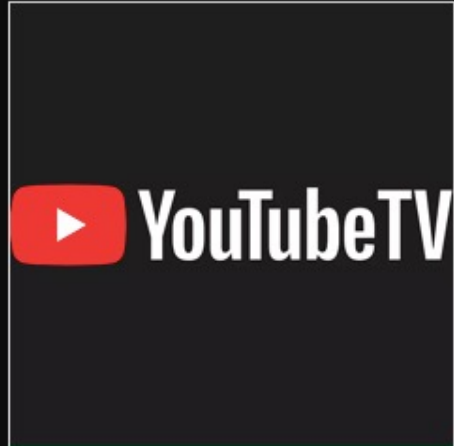
- STREAMING SERVICES are rapidly evolving sources for Entertainment Content



MAJOR NEW PLAYERS

- FORMER SATELLITE
 - DIRECT TV
 - DISH
- CABLE MOVING TO OFFER STREAMING OPTION
 - SPECTRUM
 - HARGRAY

TOP LIVE TV STREAMERS



BEST OVERALL

YouTube TV

\$54.99/month for first
three months

SIGN UP NOW



youtube-tv-live-streaming-service

Hulu + Live TV

Starting at
\$69.99/month

SIGN UP NOW



**BEST FOR LIVE SPORTS
STREAMING**

FuboTV

Starting at
\$69.99/month

SIGN UP NOW



**BEST FOR LOCAL TV
STREAMING**

DirecTV Stream

Starting at
\$69.99/month

SIGN UP NOW

FUBO TV – NEW PLAYER

How is fuboTV better than cable TV?



Big savings

fuboTV has the live sports and TV you love for half the cost of similar cable packages.



No contracts, no hidden fees

What you see is what you pay. Want to cancel or take a break? No problem.



Cloud DVR included

Enjoy up to 1000 hours of space to record games, shows and more. Watch on all your devices.

NEW – DIRECT TV STREAMING

WHEN THE ENTERTAINMENT STREAMS, THE SAVINGS FLOW!

Start watching DIRECTV STREAM today and save \$50 over your first 5 months

With CHOICE™ package or higher. Offer ends 11/29/22. \$10 discount each month for first 5 months. Regular monthly price thereafter. New customers only. Available in select sales channels only. Restrictions apply. [See details](#)

ENTERTAINMENT PACKAGE

75+ Live TV Channels

\$ 69⁹⁹ Plus tax. Price subject to change. See details
MO.

- HBO Max™, SHOWTIME®, STARZ®, EPIX® and Cinemax® included for first 3 months¹
HBO Max, SHOWTIME, STARZ, EPIX and Cinemax auto-renew after 3 months at then prevailing rates (currently \$11/mo. each for SHOWTIME, STARZ and Cinemax, and \$6/mo. for EPIX), unless you change or cancel. Req's you to select offer. Offer subject to change & may be modified or discontinued at any time without notice.

Call to order 877-851-2565

[ORDER ONLINE](#)

CHOICE™ PACKAGE



105+ Live TV Channels

LIMITED TIME OFFER!

~~\$89⁹⁹~~ **\$79⁹⁹** + tax for 5 mos.
\$89.99/mo. + tax thereafter

Offer ends 11/29/22. New customers only. Available in select sales channels only. Price subject to change. See details

- HBO Max™, SHOWTIME®, STARZ®, EPIX® and Cinemax® included for the first 3 months¹
HBO Max, SHOWTIME, STARZ, EPIX and Cinemax auto-renew after 3 months at then prevailing rates (currently \$11/mo. each for SHOWTIME, STARZ and Cinemax, and \$6/mo. for EPIX), unless you change or cancel. Req's you to select offer. Offer subject to change & may be modified or discontinued at any time without notice.
- Enjoy Regional Sports Networks with no additional fees

Call to order 877-851-2565

[ORDER ONLINE](#)

ULTIMATE PACKAGE



140+ Live TV Channels

LIMITED TIME OFFER!

~~\$104⁹⁹~~ **\$94⁹⁹** + tax for 5 mos.
\$104.99/mo. + tax thereafter

Offer ends 11/29/22. New customers only. Available in select sales channels only. Price subject to change. See details

- HBO Max™, SHOWTIME®, STARZ®, EPIX® and Cinemax® included for first 3 months¹
HBO Max, SHOWTIME, STARZ, EPIX and Cinemax auto-renew after 3 months at then prevailing rates (currently \$11/mo. each for SHOWTIME, STARZ and Cinemax, and \$6/mo. for EPIX), unless you change or cancel. Req's you to select offer. Offer subject to change & may be modified or discontinued at any time without notice.
- Enjoy Regional Sports Networks with no additional fees

Call to order 877-851-2565

[ORDER ONLINE](#)

PREMIER™ PACKAGE

PREMIUM CHANNELS INCLUDED

150+ Live TV Channels

LIMITED TIME OFFER!

~~\$149⁹⁹~~ **\$139⁹⁹** + tax for 5 mos.
\$149.99/mo. + tax thereafter

Offer ends 11/29/22. New customers only. Available in select sales channels only. Price subject to change. See details

- HBO Max™, Cinemax®, SHOWTIME®, STARZ® included
Included for as long as you have the Premier package.
- EPIX® included for first 3 months¹
EPIX auto-renews after 3 months at then prevailing rates (currently \$5.99/mo.), unless you change or cancel. Req's you to select offer. Offer subject to change & may be modified or discontinued at any time without notice.

[See details](#)

- Enjoy Regional Sports Networks with no additional fees

AVALON ANNUAL MTG 2022

Call to order 877-851-2565



ULTIMATE
40+
channels

[Shop now](#)



PREMIER
150+
channels

[Shop now](#)



Best streaming service with local channels



fuboTV



Philo



DirecTV
Stream



Paramount+

UPDATE ON LIVE TV STREAMING OPTIONS

- LIVE TV – CABLE REPLACEMENT

- YOUTUBE TV



- HULU

- SLING

- SPECTRUM APP

- LOCAL LIVE TV – ANTENNA REPLACEMENT



- HAYSTACK – FREE LOCAL TV

- SPECIALTY STREAMING

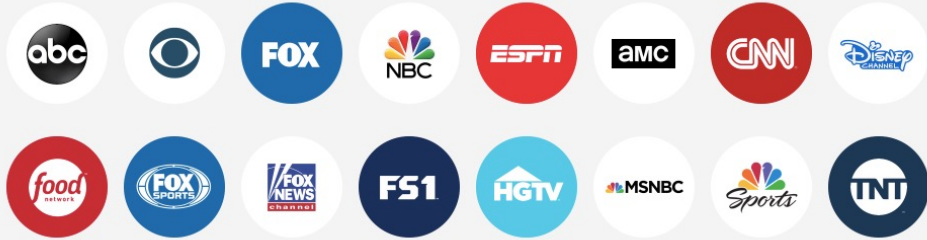
- PREMIUM – HBO , SHOWTIME

- NETWORK APPS – CBS , NBC

- SKY NEWS

- Search [justwatch.com](https://www.justwatch.com)

TOP PICK FOR LIVE TV



[SEE ALL CHANNELS](#)

Watch live TV from 70+ channels

Available in the U.S. nationwide. Enter your home ZIP code below to see your area's lineup. Subject to availability.

TV made for you

Record with unlimited storage space

Included at no extra cost
Stream your library wherever you go
Never run out of storage space

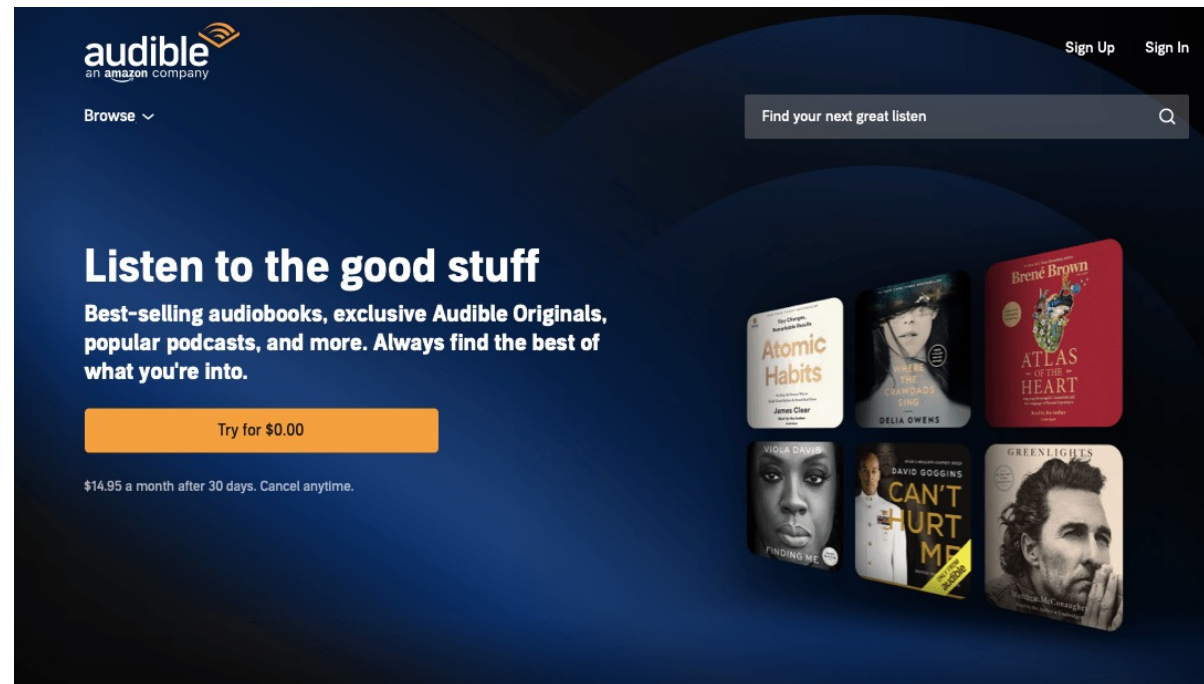
Share with your family with up to 6 accounts

Cancel whenever you want with no contracts

NEW STREAMING AUDIO BOOK SERVICE – AUDIBLE

AUDIBLE IS AN AMAZON SERVICE BUT A SEPARATE SUBSCRIPTION IS NEEDED

When you install the Audible app to one of your streaming devices, **the titles in your Library does not need to be downloaded.** You can simply select an audiobook that you own and it will play automatically. The STREAMING devices relies on the internet and is designed solely to stream content.



The screenshot shows the Audible website homepage. At the top left is the Audible logo with the tagline "an amazon company". To the right are "Sign Up" and "Sign In" links. Below the logo is a "Browse" dropdown menu. A search bar with the placeholder text "Find your next great listen" and a magnifying glass icon is positioned to the right. The main content area features the headline "Listen to the good stuff" in large white text, followed by a sub-headline: "Best-selling audiobooks, exclusive Audible Originals, popular podcasts, and more. Always find the best of what you're into." Below this is a prominent orange button that says "Try for \$0.00". Underneath the button, in smaller white text, it reads "\$14.95 a month after 30 days. Cancel anytime." To the right of the text is a grid of six audiobook covers: "Atomic Habits" by James Clear, "Where the Crawdads Sing" by Delia Owens, "Atlas of the Heart" by Brené Brown, "Finding Me" by Victoria Dashi, "Can't Hurt Me" by David Goggins, and "Greenlights" by Matthew McConaughey.



Haystack TV is Now Streaming Local News From Over 200 Local TV Stations For Free on Roku, Apple TV, & Fire TV

by Luke Bouma on May 29, 2019 at 5:00 pm CDT in [All News](#), [News](#)



Today [Haystack TV](#) announced that they have added 39 local affiliates from Gray Television. This means Haystack TV is now streaming local news on-demand from over 200 local TV stations in the United States.

STREAMING MIXED CONTENT (MOVIES , SERIES)


- NETFLIX (DEMO) 
- AMAZON PRIME (DEMO) 
- PLUTO
- TUBI

- APPLE TV +

MOST INCLUDE ORIGINAL AND PREVIOUSLY BROADCAST CONTENT

PREMIUM SERVICES ARE AVAILABLE IN VARIETY OF WAYS

- ADD ON TO TV SYSTEM (YOU TUBE TV, HULU , ETC.)
- ADD ON TO STREAMING SYSTEM (ROKU)
- DIRECTLY WITH APP



The Roku Channel View online

<https://click.email.roku.com/?qs=d32e521271f070dac1f88251fc0958d9f5d6a2ce57c2820941d439d1b8efbe4248b4c0e89d2aca57f93dc875b5ec0ec7e72b4bdf98ee0717>

faith+ EPIX CINEMAX

STARZ HBO SHOWTIME

Smithsonian CHANNEL

Premium Subscriptions on
The **ROKU** Channel

All your favorites, all in one place
Premium Subscriptions on The Roku Channel

MOST POPULAR FREE SITES

- ROKU CHANNEL (EXPANDING TO SELL SYSTEM)
- PLUTO – TV
- TUBI –MOVIES AND TV
- CRACKLE – MOVIES AND TV
- WEATHER NATION
- FILMRISE – MOVIES AND TV

FREE “HEADS UP” SERVICE – DECIDER.COM



http://links.decider.com/a/755/click/8648739/712547322/_Bed07c7058788d8f8aaaa4f6ce5609e52a3a09e9/64e4d7bb7d5574db4d146ca51dccf5a8e040cdf?ana=lnV0bV9zb3VyY2U9bWFyb3Bvc3QmdXRtX21lZG11bT1lbWFpbCZ1dG1fY2FtcGFpZ249ZGVjaWRlcnd0d3R3JnV0bV9jb250ZW50PTlwMjAwMjI5JnRwY2M9ZGVjaWRlcj93dHd0lg==

What's New On Netflix, Hulu, Amazon, And HBO This Weekend: 'Baby Driver', 'All The Bright Places', 'Mr. & Mrs. Smith', And More

Plus After the Wedding, Axios Season 3, Anna and more!

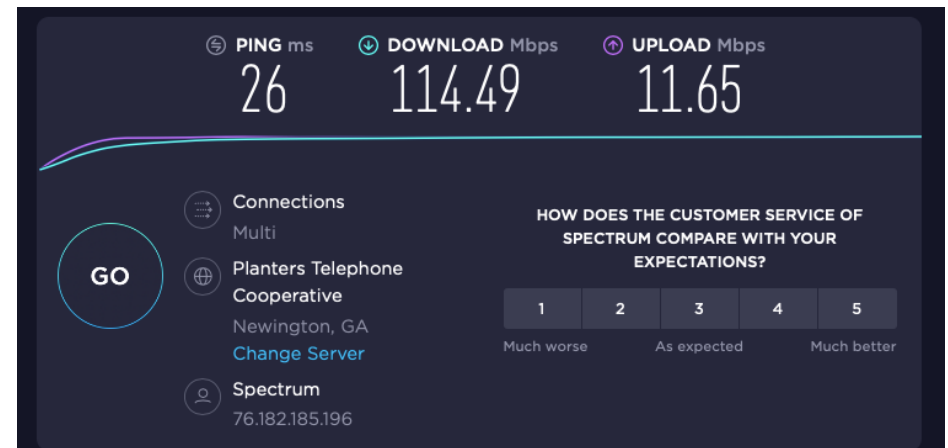
WEEKEND PICKS



New Movies on Demand: 'Uncut Gems,' 'Bombshell,' 'Knives Out,' and More

ACCESS TO INTERNET – LOCALLY ACCESS AND SPEED SOLVED


- DOWNLOAD SPEED ISSUE IS NO LONGER NEEDED > 30 MBPS – TYPICALLY 300 PROVIDED
- HARGRAY – FIBER CABLE – MODEM / ROUTER
- SPECTRUM – COAX CABLE – MODEM / ROUTER
- ROUTER AND/OR MESH SYSTEM MAY BE NEEDED FOR FULL COVERAGE
- SPEED TEST SITE – EXAMPLE - SPEEDTEST.NET



FUTURE OPTION

- SATELLITE “STARLINK” FROM SPACEX – CURRENTLY WAITLIST AREA

STREAMING MUSIC

- SPOTIFY (113M)
- APPLE MUSIC (60MM)
- AMAZON MUSIC (55MM) 
- PANDORA
- IHEART RADIO
- SIRIUS XM
- YOUTUBE MUSIC * (10MM)
- GOOGLE PLAY * (10MM)
- THE COUNTRY NETWORK
- MET OPERA ON DEMAND

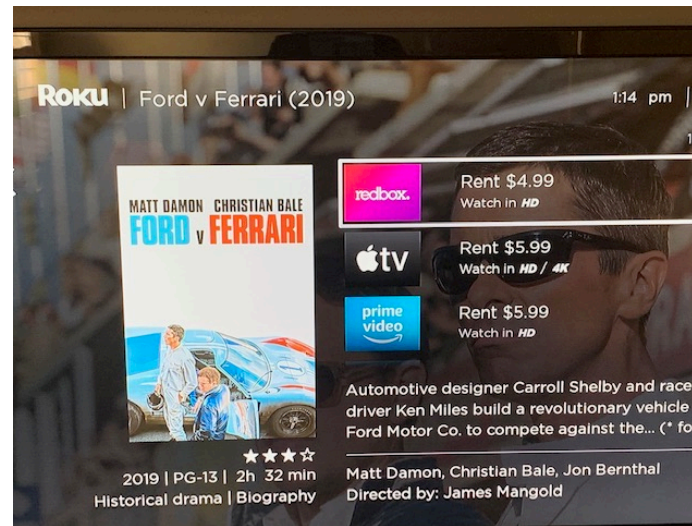
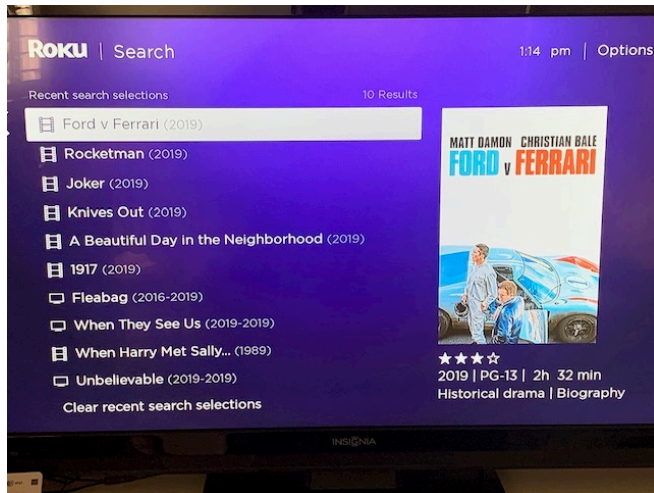
STREAMING SPORTS

- ESPN
- FOX SPORTS
- CBS SPORTS LIVE 24/7
- TENNIS CHANNEL
- MLB
- BTN+
- OLYMPIC CHANNEL
- ALL ABOVE INCLUDED ON YOUTUBE TV

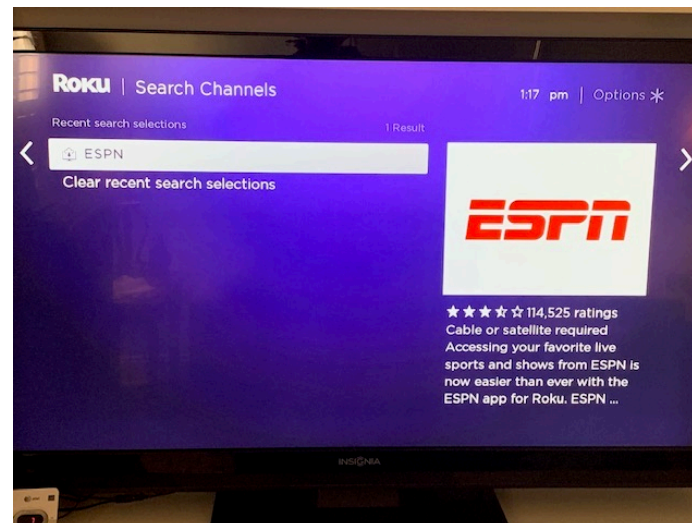
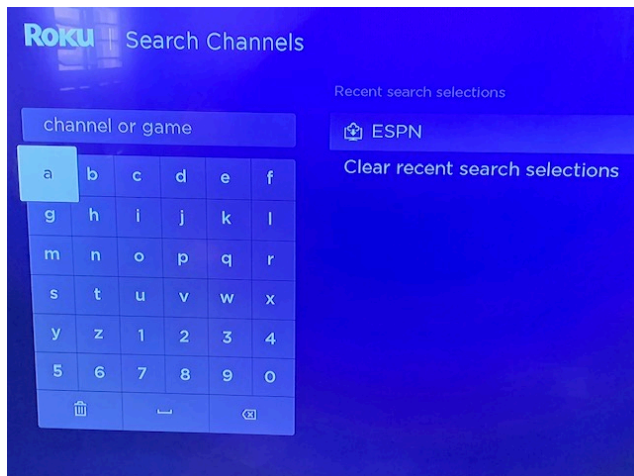
CAN'T FIND IT - SEARCH ROKU.



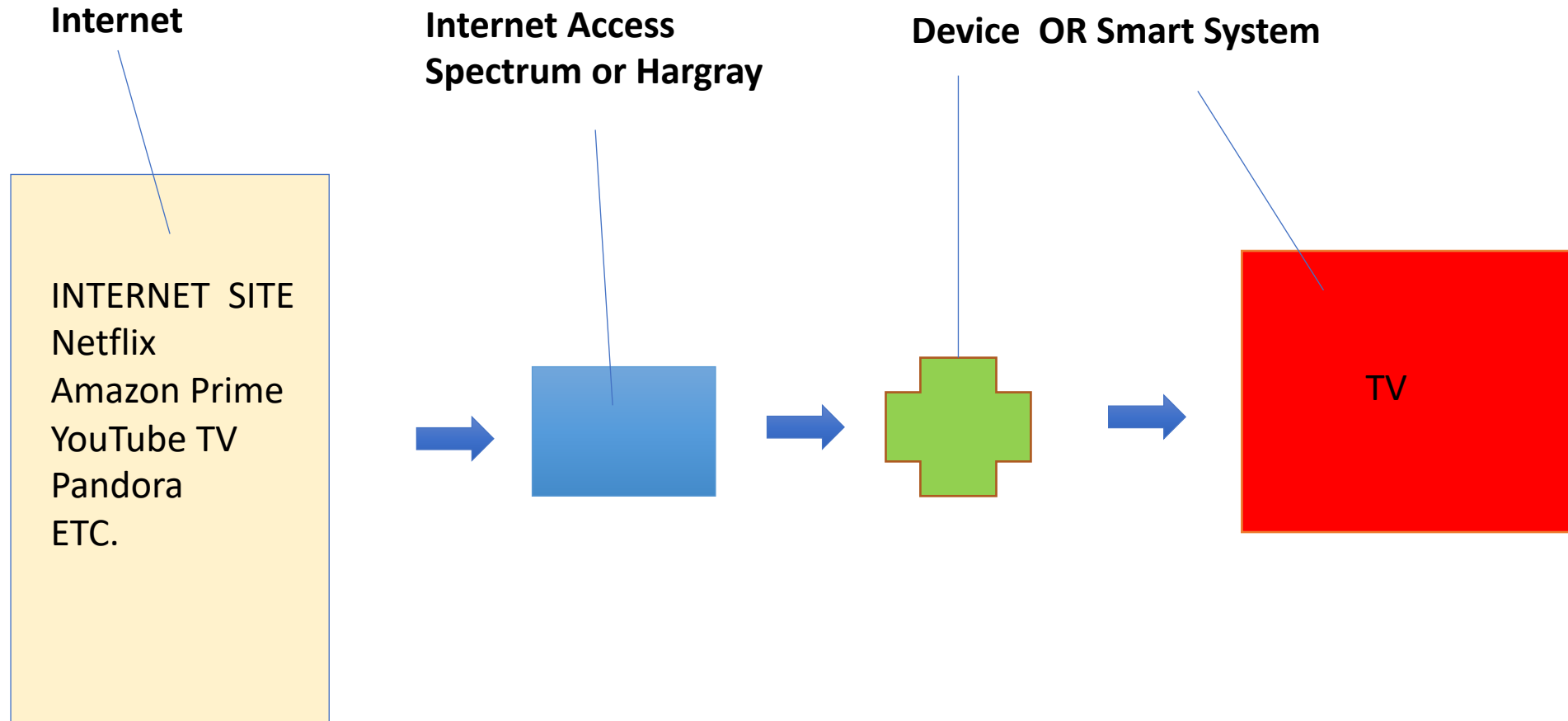
- SEARCH FOR SPECIFIC MOVIE OR SERIES - BY TITLE , STAR , ETC.



- STREAMING CHANNELS – SEARCH

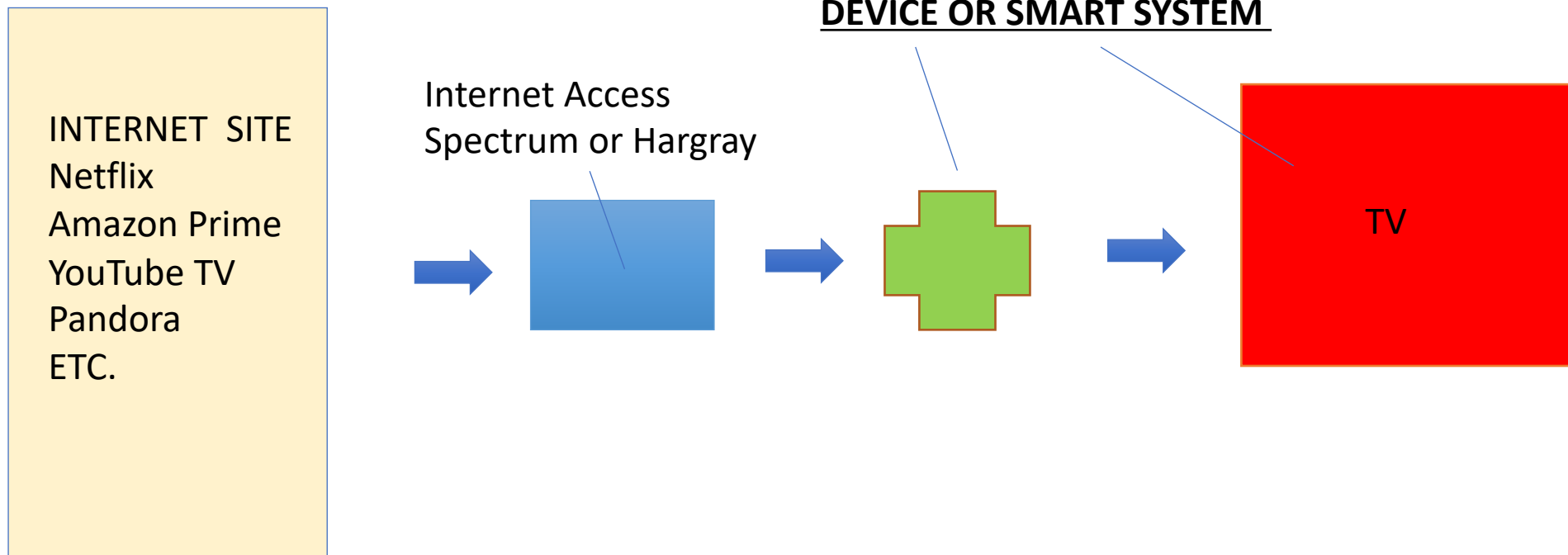


STREAMING – STILL THE SAME BASICS



DEVICE OR SMART SYSTEM NEEDED FOR STREAMING

- STREAMING SMART SYSTEM makes it possible to access and stream (view) content from the internet primarily to your television. Comparison chart attached to presentation.



ROKU DEVICE OR SMART SYSTEM

Which product is right for me?

There's a Roku streaming player or Roku TV for everyone.

Want a player that will connect to your current TV?

[See all your options >](#)



Roku Ultra



Roku Express

Want a TV with the Roku streaming experience built in?

[Learn more about Roku TVs >](#)



Roku TV

WHAT'S RIGHT FOR ME ?

- CONSIDERATIONS

- WHAT YOU WANT TO WATCH OR LISTEN TO -
- FLEXIBILITY – MOST ARE MONTHLY SUBSCRIPTIONS
- DEVICE OPTION – TV, TABLETS, BIG PHONE , LAPTOP
- MULTIPLE HOME MEMBERSHIPS – CONVENIENCE OF USING MOBILE ROKU
- TRENDS – MORE OPTIONS THAN EVER

BOB'S CHRISTMAS SHOPPING LIST

- EXPERIENCES – YOU TUBE CHRISTMAS VIDEOS
- PRIORITIZE YOUR ENTERTAINMENT OPTIONS
- DEVELOP A LIST OF NEW SITES TO TRY
 - DO ONE A MONTH (KEEP OR CANCEL)
- STOP SHOPPING WHEN LIST GETS TOO LONG

MERRY CHRISTMAS !

PRESENTATIONS ON HHICC WEB SITE

Streaming and Networks

[2022-08-08 ~ HHICC 5G Presentation.pdf](#)

[2022-03-07 ~ HHICC STREAMING WARS.pdf](#)

[2021-03-01 ~ HHICC ROKU with Bob Gentzler.pdf](#)

[2020-10-26 ~ HHICC Roku - The Amazing Device.pdf](#)

[2020-10-12 ~ HHICC Networking Overview.pdf](#)

[2020-09-28 ~ HHICC Streaming Basics 2.pdf](#)

[2020-05-08 ~ HHICC STREAMING SERVICES.pdf](#)

[2020-01-20 ~ HHICC POPULAR STREAMING SERVICES.xlsx](#)

[2020-01-20 ~ HHICC POPULAR STREAMING DEVICES.xlsx](#)

[2020 ~ HHICC BEST VIDEO STREAMING.pdf](#)

[2020 ~ HHICC BEST SPORTS STREAMING.pdf](#)

[2019-11-17 ~ HHICC Home Networking Primer.pdf](#)

[2019-01-24 ~ HHICC Roku Setup ~ Gentzler.pdf](#)

[2018-11-19 ~ HHICC ROKU Introduction.pdf](#)

HANDOUT OF STREAMING DEVICES

POPULAR STREAMING MEDIA PLAYERS: A COMPARISON CHART					
FACTS	AMAZON FIRE TV	ROKU	APPLE TV	GOOGLE CHROMECAST	SMART TV SYSTEMS
Website	amazon.com/firetv	roku.com	apple.com/tv	store.google.com	
List Price: (See website to compare models)	Fire TV Cube: \$119.99 Fire TV Stick 4K: \$49.99 Fire TV Stick: \$39.99	Roku Ultra: \$99.99 Roku Streaming Stick+: \$59.99 Roku Streaming Stick: \$49.99 Roku Premiere+: \$49.00 Roku Premiere: \$39.99 Roku Express+: \$35.00 Roku Express: \$29.99	Apple TV 4K 64GB: \$199.99 Apple TV 4K, 32 GB: \$179.00 Apple TV, 32GB: \$149.00	Google Chromecast Ultra: \$69.00 Google Chromecast: \$35.00	SAMSUNG VISIO LG
Content Providers Available on All	Netflix, Hulu, Crackle, FilmStruck, Sling TV, PlayStation Vue, Directv Now, Hulu Live TV, HBO, Showtime, PBS, PBS Kid, WaltDisney, Watch ESPN, Fox Now, Telemundo Deportes EN VIVO, Plex, Pandora, Sirius XM				
Additional Popular Content Providers	Amazon Prime Video, Spotify, Amazon Music, PlayOn Recently added YouTube TV	Amazon Prime Video, Fandango Now Google Play, YouTube, YouTubeTV, Spotify, Amazon Music, PlayOn Find More at the Official Channel Store	Apple Music, Amazon Prime Video, VUDU, YouTube, YouTubeTV, Sirius XM, Apple TV+ Find More Online	Google Play, YouTube, YouTubeTV Fandango Now, VUDU, Amazon Music, Spotify, PlayOn	
Missing Content Providers	Fandango Now, Google Play, YouTube TV, VUDU, iTunes Apple Music	iTunes, Apple Music	Google Play, Fandango Now, Spotify, Amazon Music, PlayOn	iTunes, Apple Music	
4K/HDR Support (All Have 1080P)	Only Fire TV Stick 4K and Fire TV Cube	Only Roku Ultra, Roku Streaming Stick+, Roku Premier+ and Roku Premier	Only Apple TV 4K	Only Google Chromecast Ultra	
Voice Search on Remote	All Alexa directed ?	Only Roku Ultra, Roku Streaming Stick+, Roku Streaming Stick and Roku Premier	All	N/A	
Display Mirroring	N/A	All	Can Cast and Control Streaming Content and Mirror Screens from Mac Computers and iOS Devices Using Airplay	Mirroring Available for Android Devices Can Also use Chrome Browser to Cast Anu Tab or Full Computer Screen	
Single Sign-On or TV Everywhere Apps	Yes	Yes	Yes	No	
Additional Features	Can pair with some Amazon Echo voice-activated devices for hands free control	Amazon Fire, iOS, and Android apps available Can be controlled by Alexa	Can Watch Content Saved on Mac, iOS devices and iCloud	Pair with Google Home Voice-Activated Devices for Hands-Free Control	
	Remote & Mobile Apps Work With Alexa	Roku Ultra has Micro SD Slot, Remote with Headphone Jack and Gaming Buttons	TV app organizes content in one easy-to-use interface	Google Home App Helps Users Discover Popular Content and Supports Apps	
	Fire TV Recast Adds Live TV Capability with HD Antenna	Streaming Stick, Streaming Stick+ Have Wireless Remote Not Requiring Line of Sight	Can use Siri Voice Commands to Play Content, Go Back & Skip Ahead		
	Amazon Fire, Android, iOS Apps Available for Use as Remote	Roku offers wireless speakers and a sound bar	iOS Remote App Available		
	Free Amazon Cloud Storage for all Amazon Content		Supports Bluetooth Accessories		
	Supports Bluetooth Accessories				