

Cutting the Cable

or,

Dispensing with the Dish

Cutting the Cable

or,

Dispensing with the Dish

or,

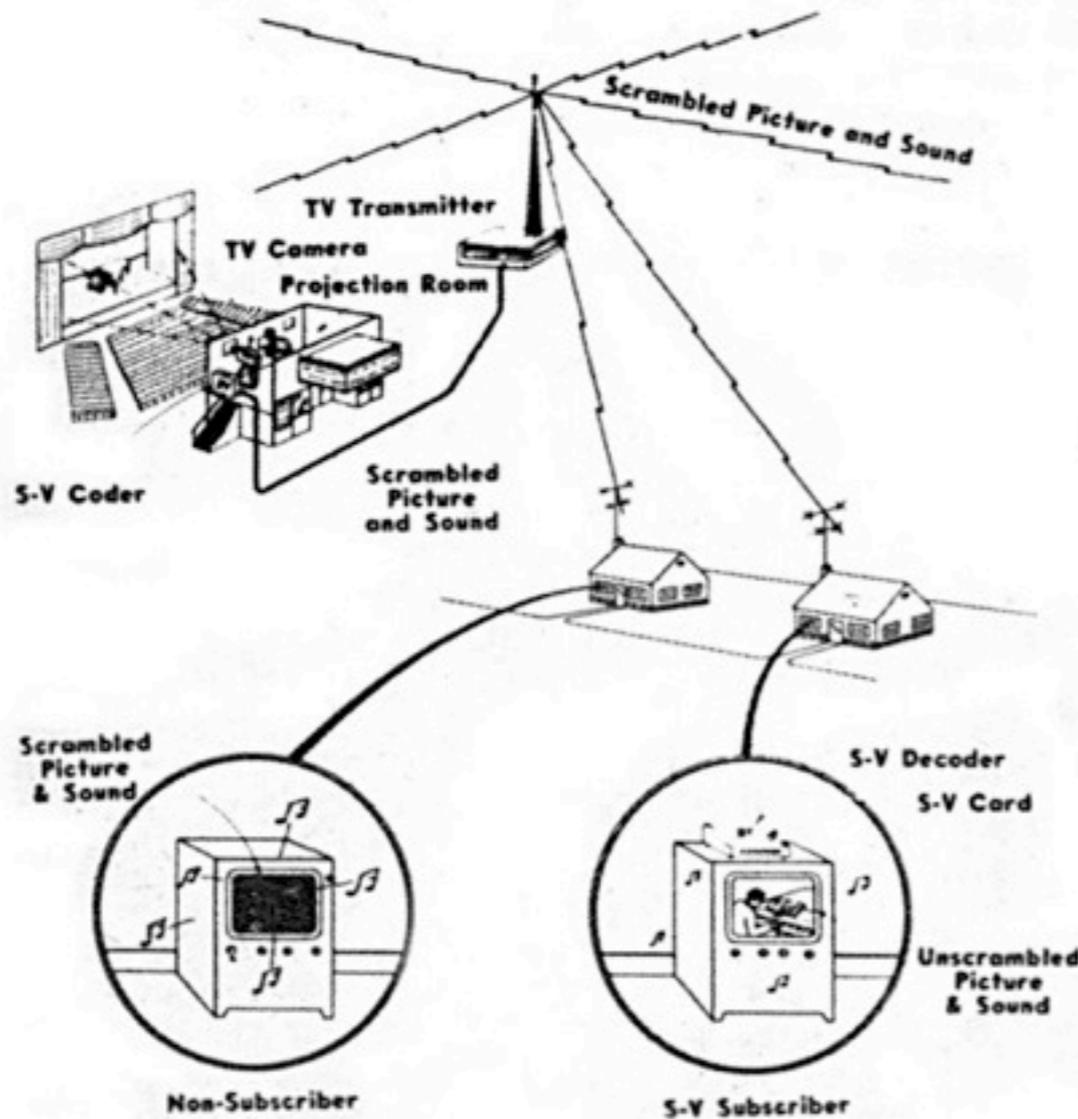
*How to watch nearly anything, anytime
without sending a bundle a month
to media bundlers*



A Word from Our Sponsor

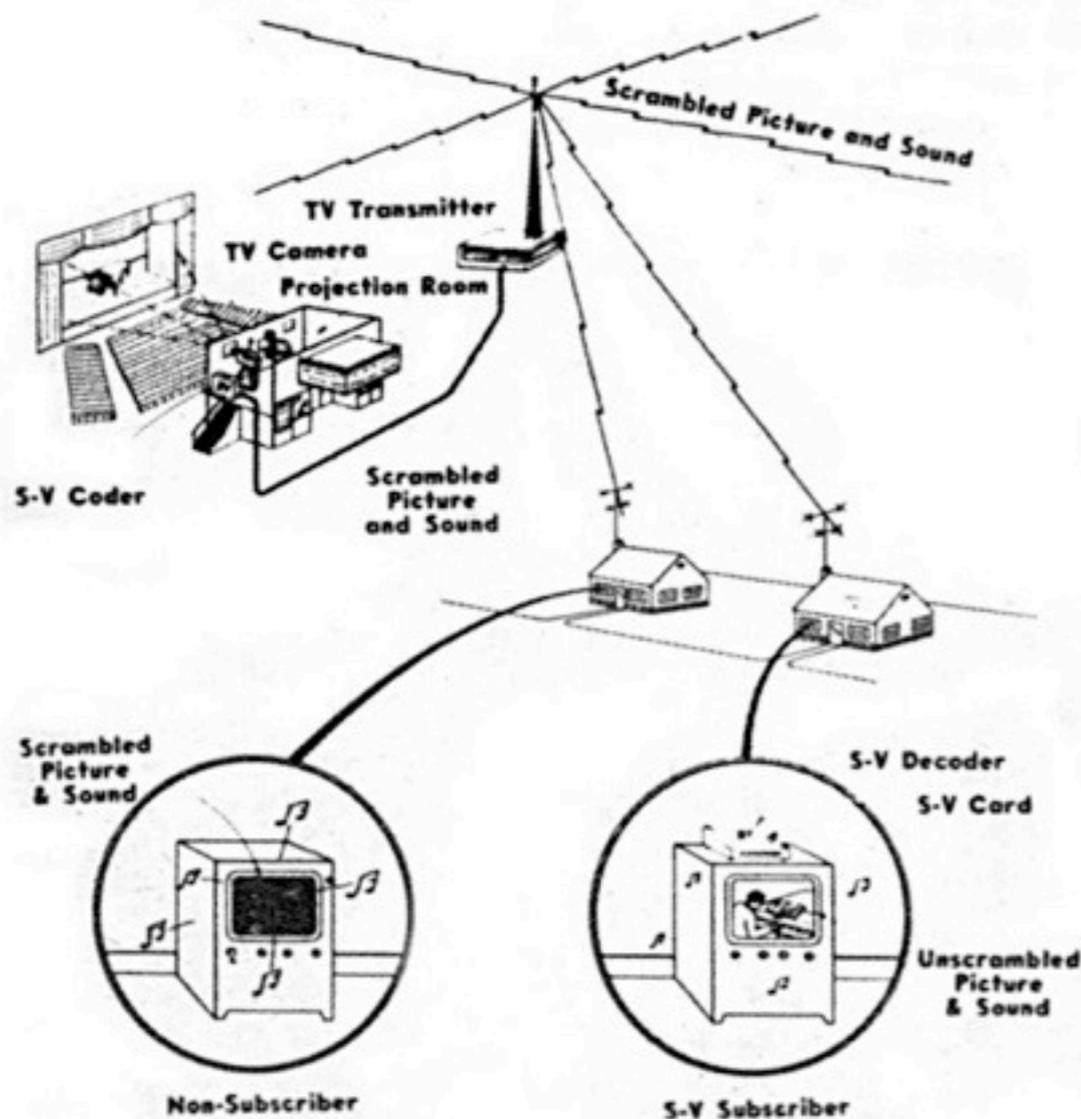
Subscription TV

WOULD you like to see the opera, ballet, latest sports events, movies and Broadway plays on TV, sans commercials? If the FCC okays Skiatron, by merely inserting special program cards in a decoder unit attached to your set, you'll view special programs at nominal fees. •



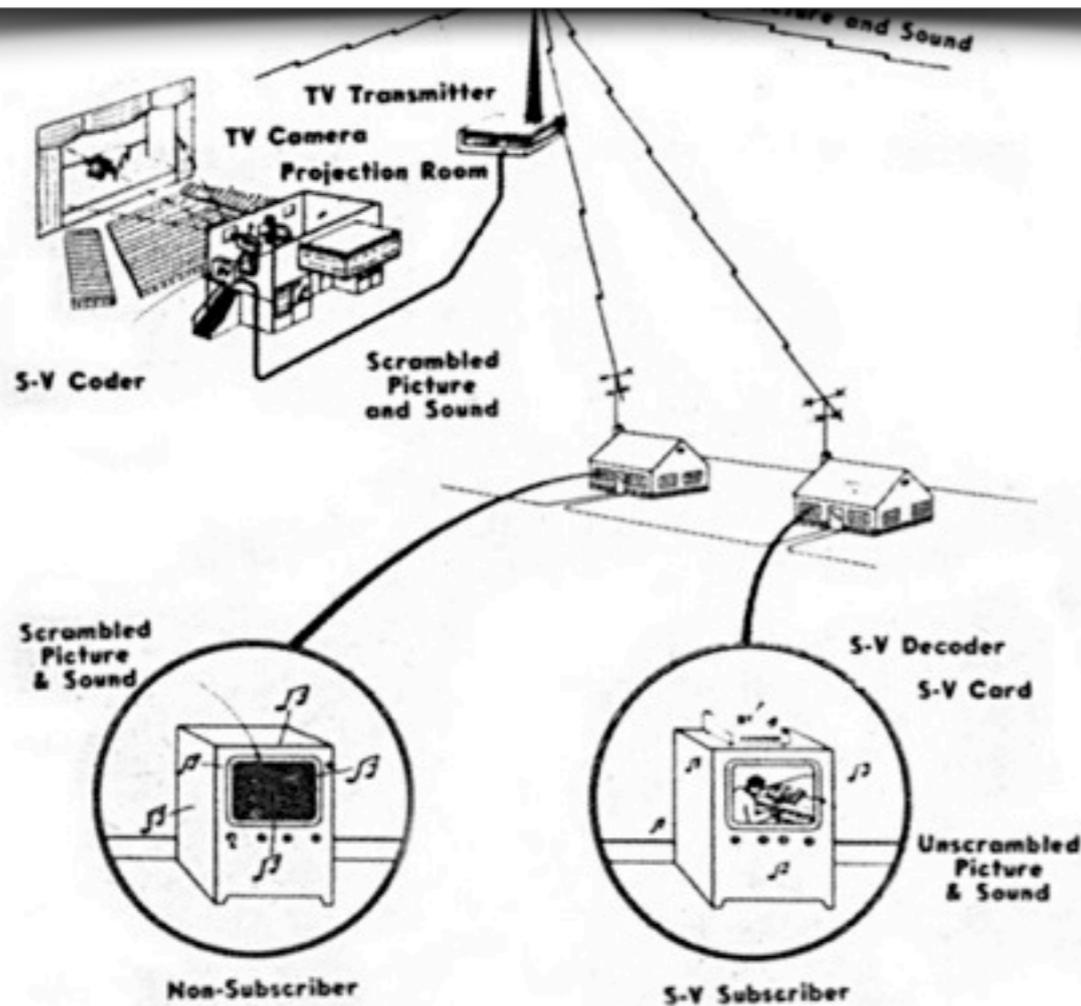
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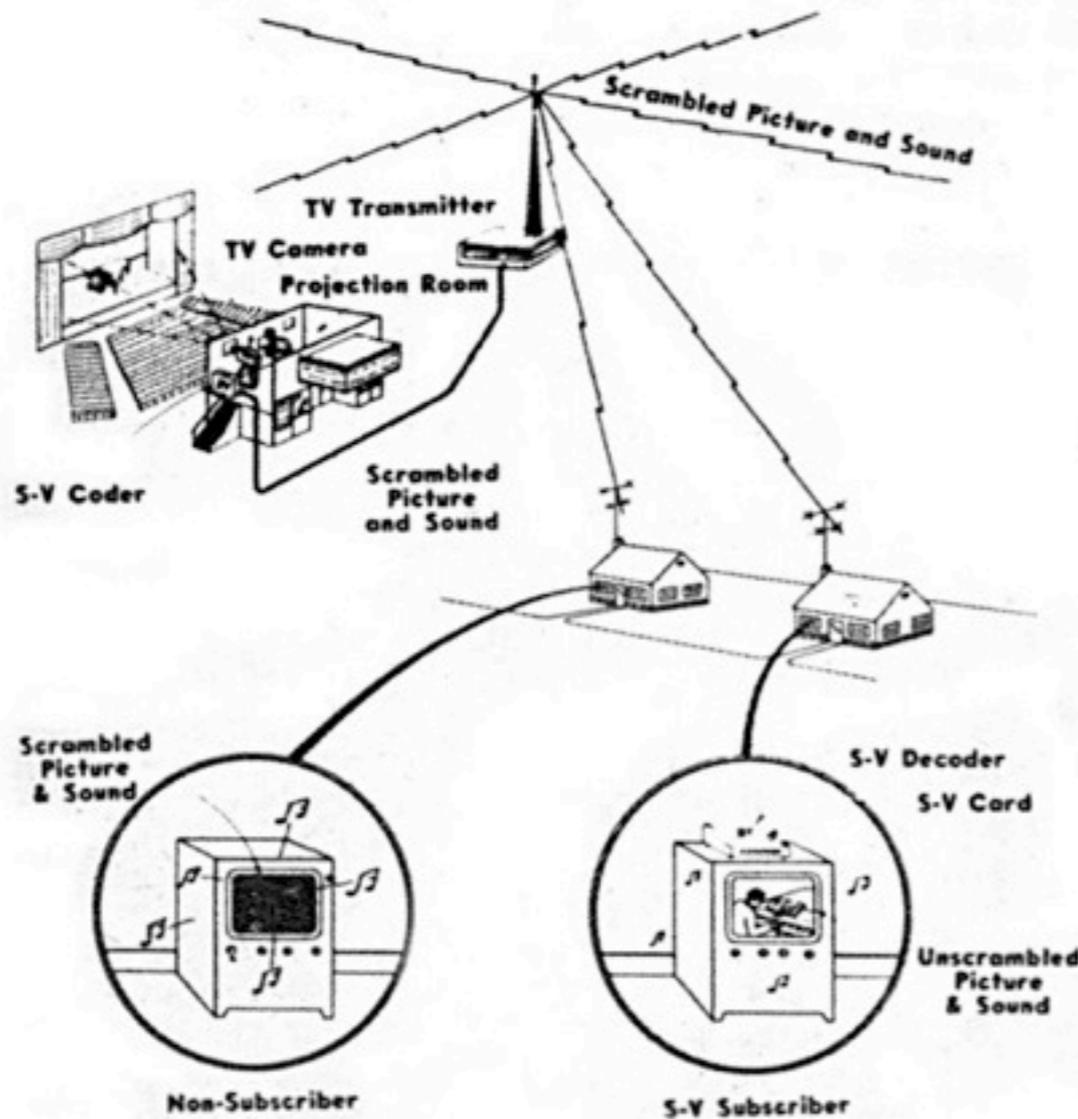
Comcast's Average
Revenue per User: ~
\$140 per month

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The New York Times

U.S.

WORLD U.S. N.Y. / REGION BUSINESS TECHNOLOGY SCIENCE HEALTH SPORTS OPINION

POLITICS EDUCATION BAY AREA CHICAGO TEXAS

Atop TV Sets, a Power Drain That Runs Nonstop

By ELISABETH ROSENTHAL

Published: June 25, 2011

Those little boxes that usher cable signals and digital recording capacity into televisions have become the single largest electricity drain in many American homes, with some typical home entertainment configurations eating more power than a new refrigerator and even some central air-conditioning systems.

[Enlarge This Image](#)



Todd Heisler/The New York Times

A new study has found that some home entertainment systems eat more energy than refrigerators or central air-conditioning systems.

There are 160 million so-called set-top boxes in the United States, one for every two people, and that number is rising. Many homes now have one or more basic cable boxes as well as add-on DVRs, or digital video recorders, which use 40 percent more power than the set-top box.

One high-definition DVR and one high-definition cable box use an average of 446 kilowatt hours a year, about 10 percent more than a 21-cubic-foot energy-efficient refrigerator, a recent study found.

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POLITICS EDUCATION BAY AREA CHICAGO TEXAS

Atop TV Sets, a Power Drain That Runs N

By ELISABETH ROSENTHAL
Published: June 25, 2011

Those little boxes that shove their processing capacity into televisions have become a power drain in many American homes. In a typical entertainment configuration, a television, a set-top box, a refrigerator and even some c

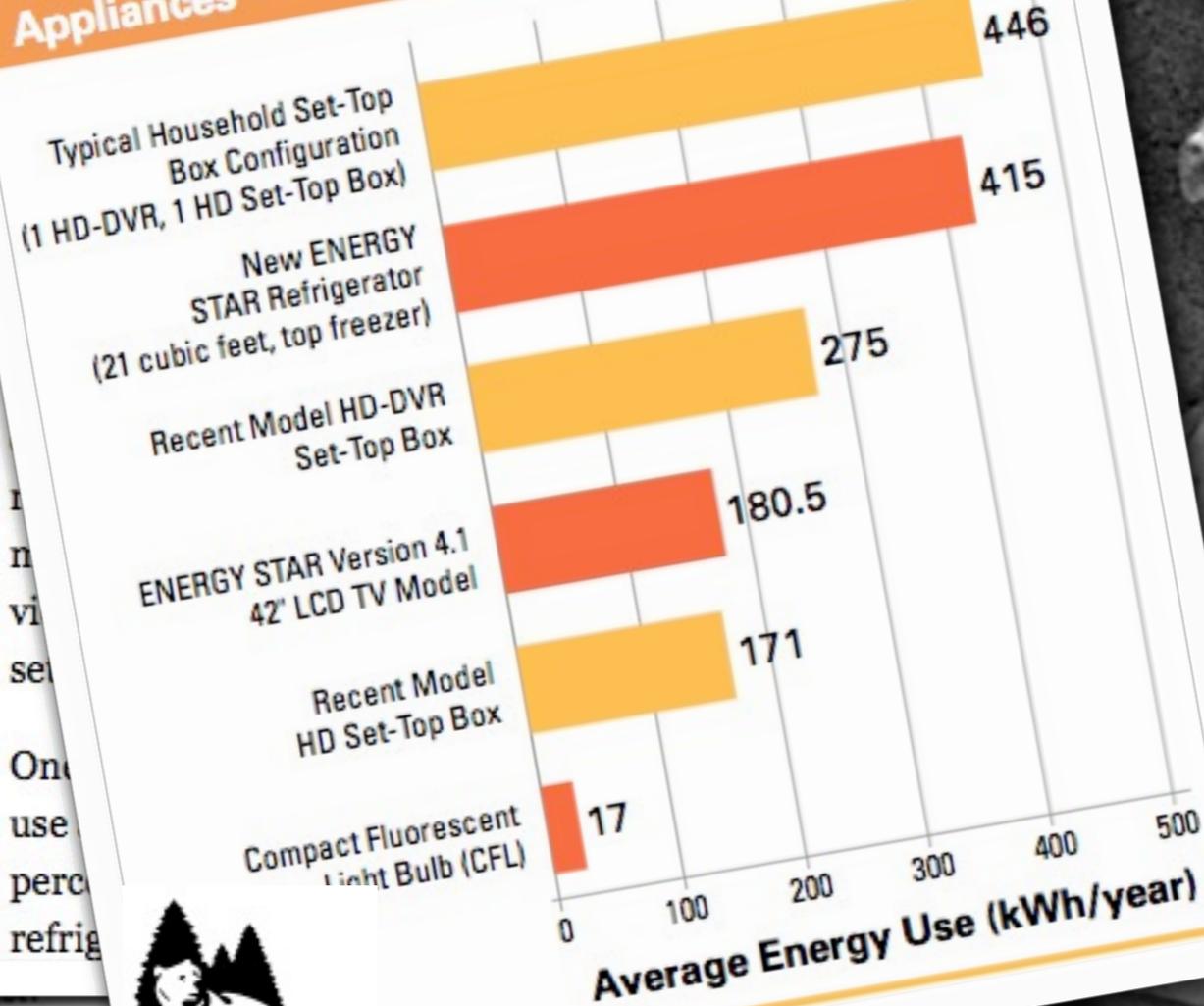
[Enlarge This Image](#)



Todd Heisler/The New York Times

A new study has found that some home entertainment systems eat more energy than refrigerators or central air-conditioning systems.

Energy Use of Set-Top Boxes and Other Appliances

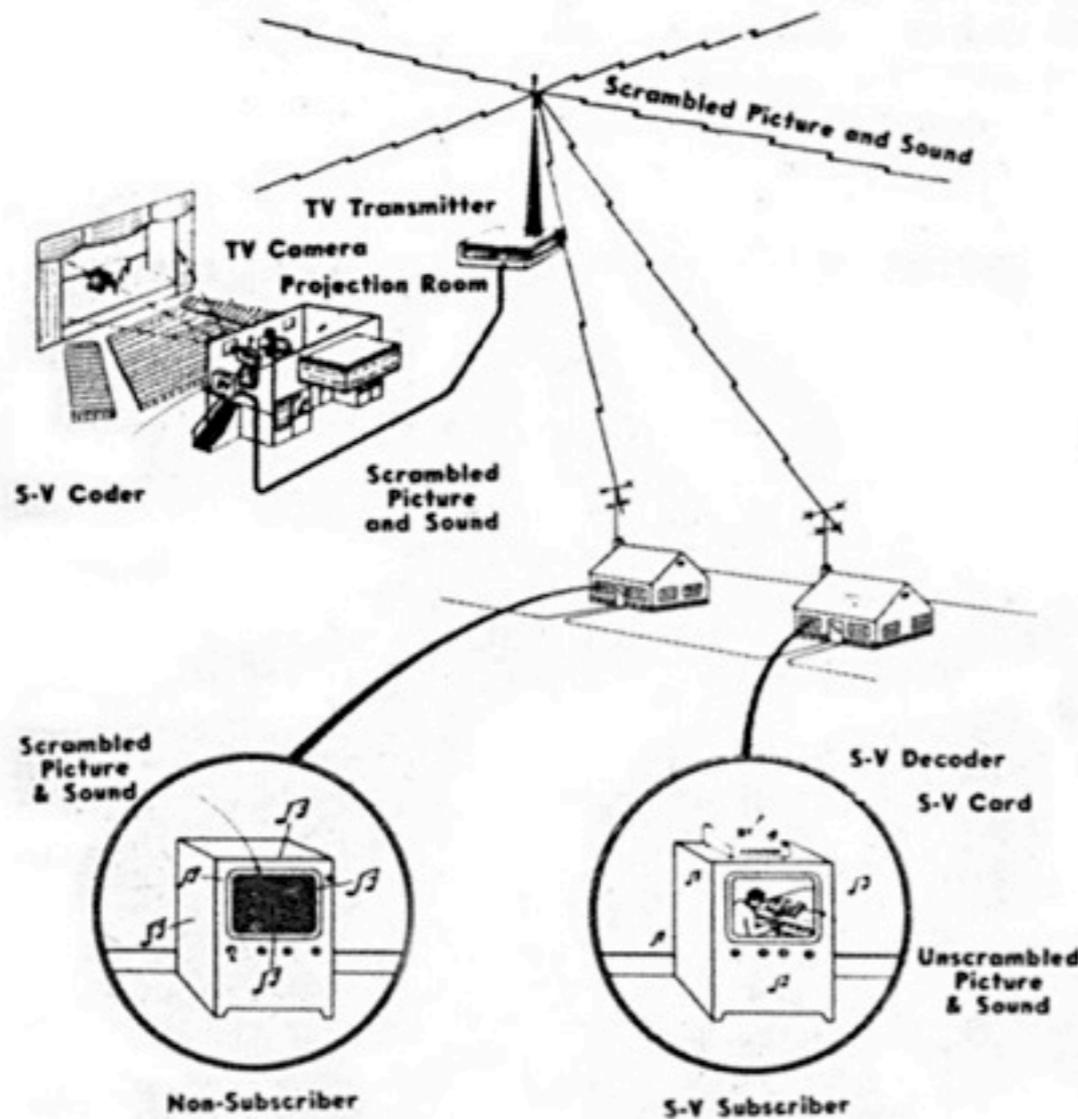


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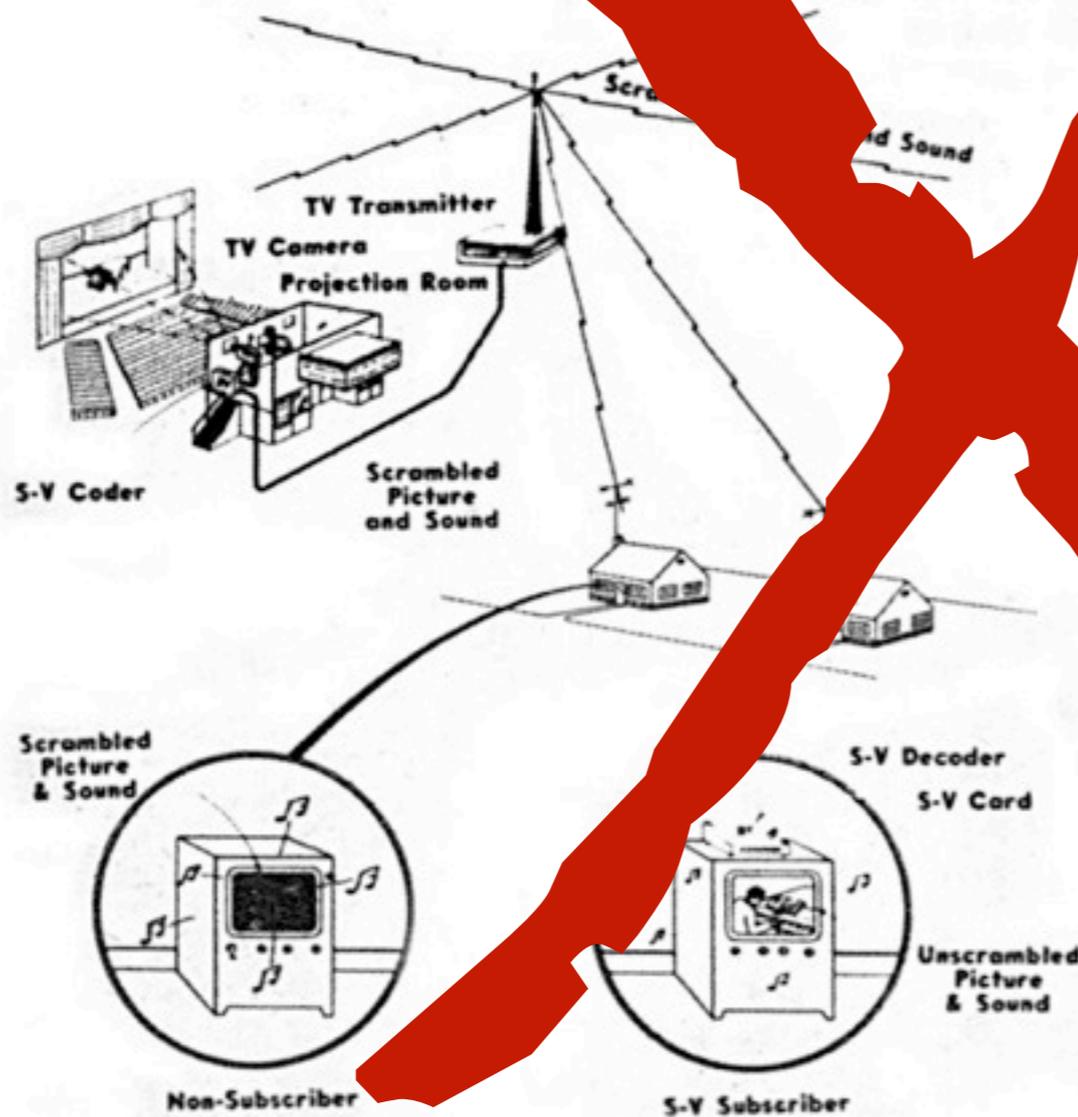
Subscription TV

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Subscription

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BUZZ

WORDS

CONVERGENCE

It's All Digital

1 0		1 0	1 0 0 0		1 0	1 0 0		1 1 0		1 0	1 0 0 0		1 0	1 0 0	
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1 0		1 0	1 0 0 0		1 0	1 0 0		1 1 0		1 0	1 0 0 0		1 0	1 0 0	

It's All Digital

Convergence

Convergence

- Your TV Tuner is a computer

Convergence

- Your TV Tuner is a computer
- Your DVD Player is a computer

Convergence

- Your TV Tuner is a computer
- Your DVD Player is a computer
- Your Cable Box is a computer

Convergence

- Your TV Tuner is a computer
- Your DVD Player is a computer
- Your Cable Box is a computer
- Your Phone is a computer

Convergence

- Your TV Tuner is a computer
- Your DVD Player is a computer
- Your Cable Box is a computer
- Your Phone is a computer
- Your tuner is digital

Convergence

- Your TV Tuner is a computer
- Your DVD Player is a computer
- Your Cable Box is a computer
- Your Phone is a computer
- Your tuner is digital
- Your cable line is digital

Convergence

- Your TV Tuner is a computer
- Your DVD Player is a computer
- Your Cable Box is a computer
- Your Phone is a computer
- Your tuner is digital
- Your cable line is digital
- Your audio/video disks are digital

Convergence

- Your TV Tuner is a computer
- Your DVD Player is a computer
- Your Cable Box is a computer
- Your Phone is a computer
- Your tuner is digital
- Your cable line is digital
- Your audio/video disks are digital
- Your phone line will be digital



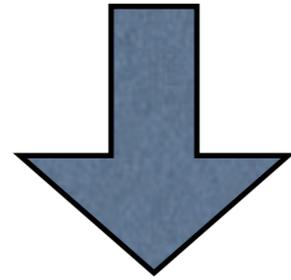
It's All Data

BUZZ

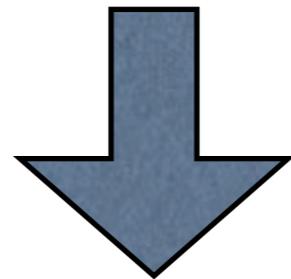
WORDS

**DIS-
INTER-
MEDIATION**

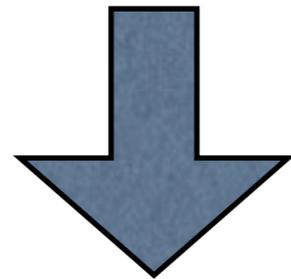
Producer



Wholesaler

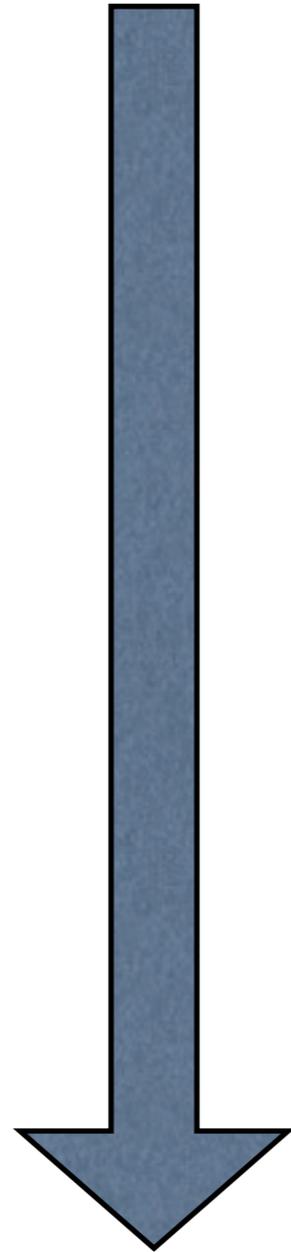


Retailer

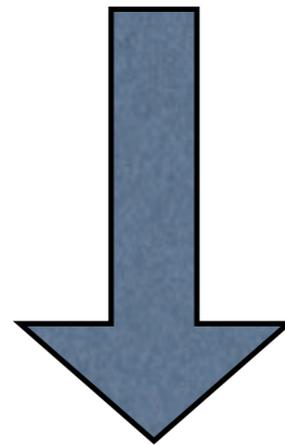
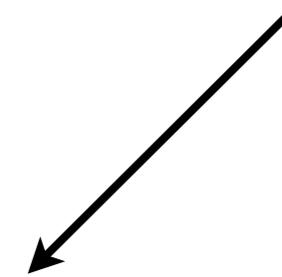
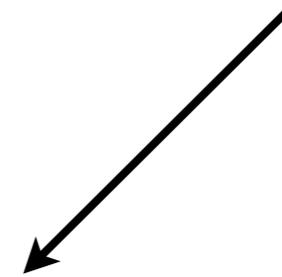
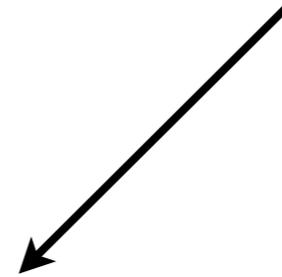
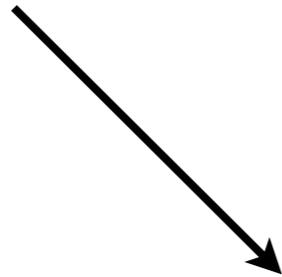
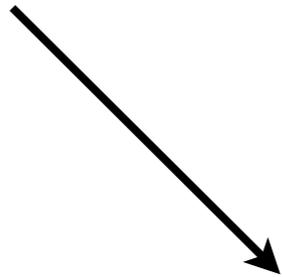


Consumer

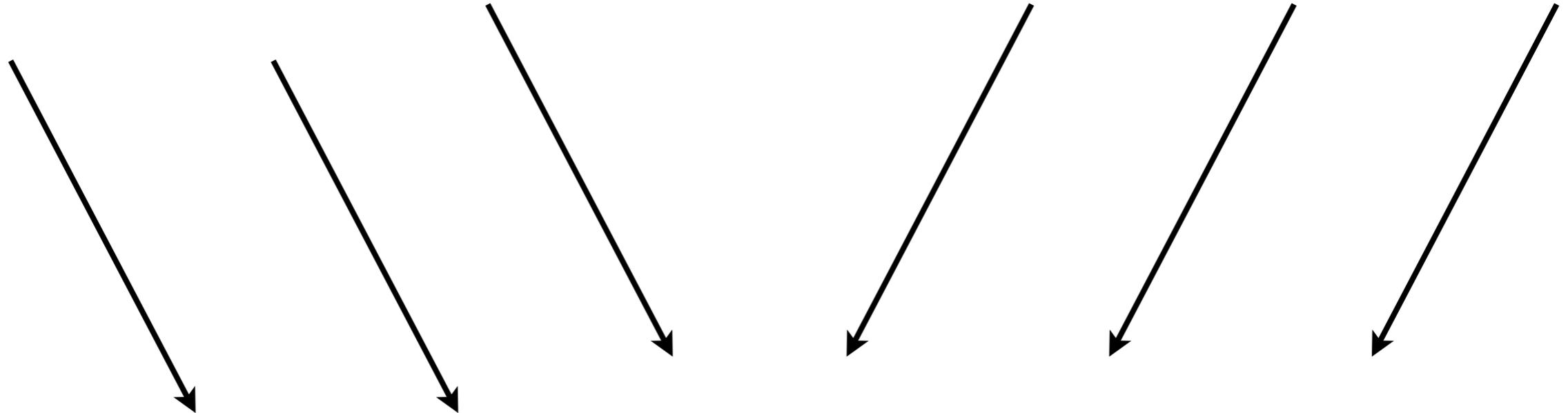
Producer



Consumer



Consumer

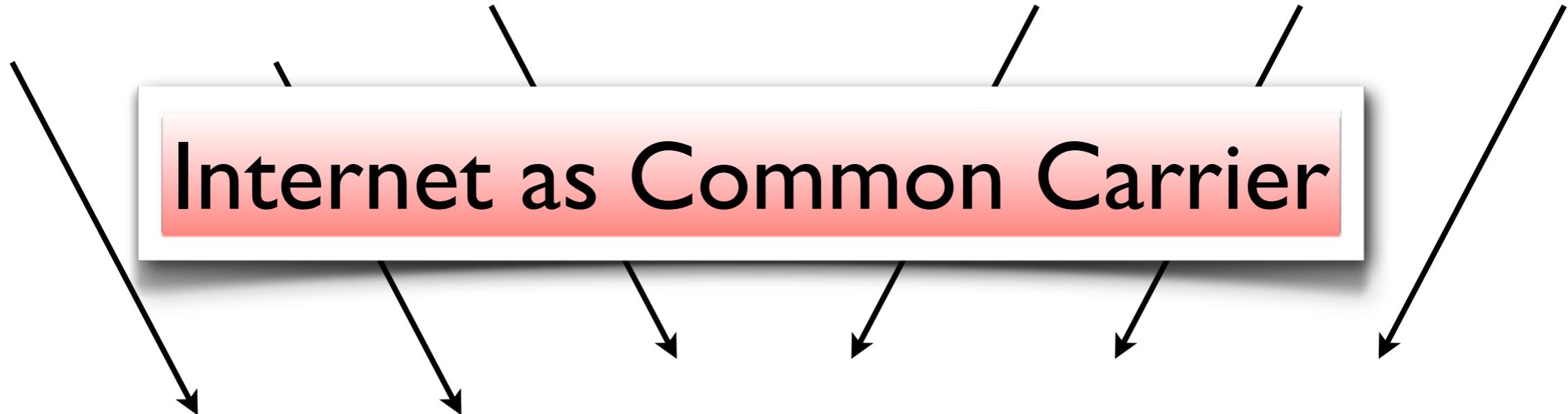


Consumer



Internet as Common Carrier

Consumer



POLITICS

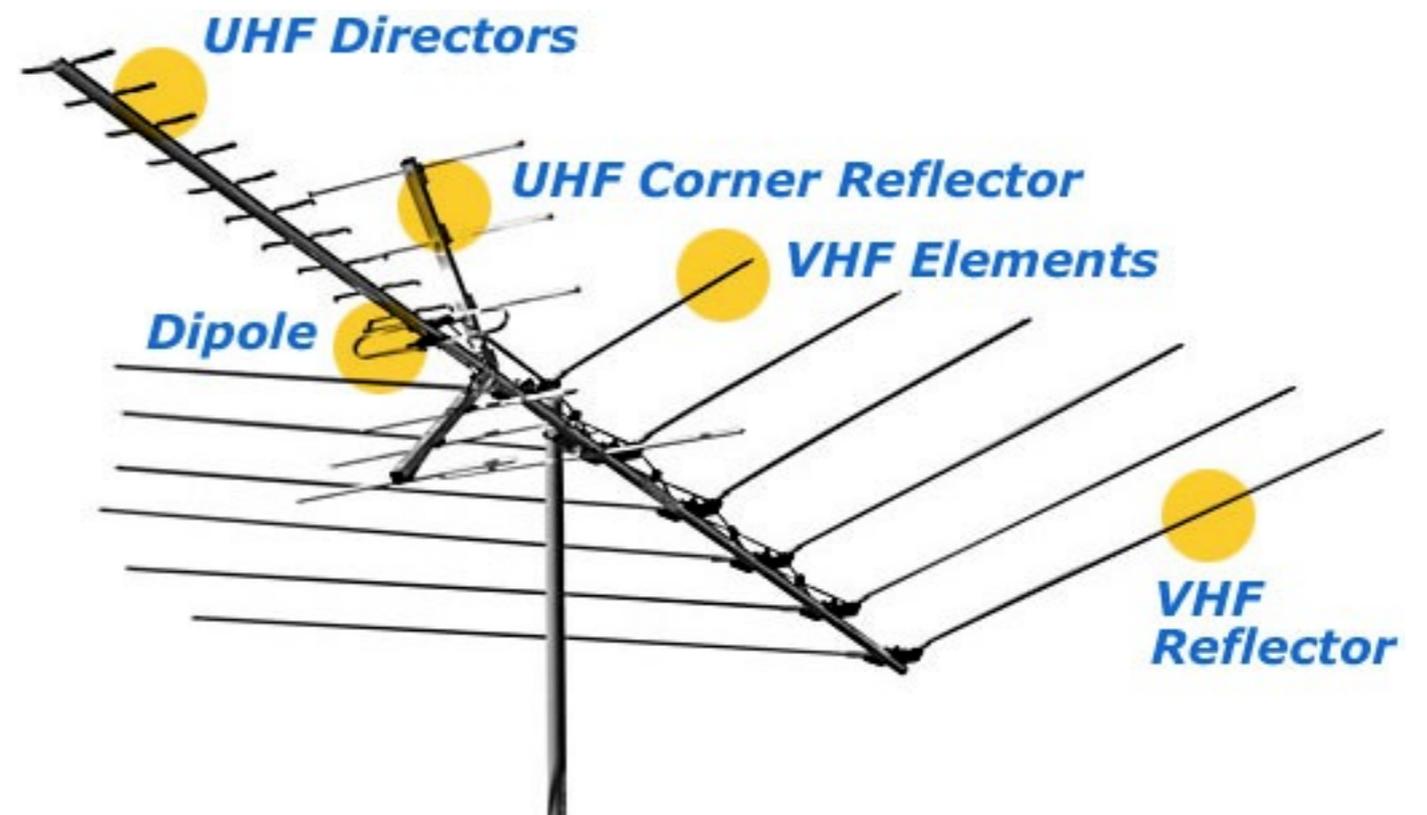
NETWORK NEUTRALITY

NEW,

HOT

TECH

ANTENNAS



DisplayMap
Feedback ▾

http://www.antennaweb.org/aw/DisplayMap2.aspx
☆

[Printer Friendly Map](#) | [Close Window](#)

274 Cottage Cir
Davis, CA 95616
38.540843, -121.742441
Housing : Single Story
Height : 20.0 feet
Obstructed : True

Channels
A: 20
B: 51
C: 18, 33.1
D: 58.1
E: 3.1, 6.1, 10.1, 13.1, 29.1, 31.1, 40.1, 64.1, 69.1
F: 42.1
G: 11.1
H: 2.1
I: 28

Map data ©2011 Google - [Terms of Use](#)

Note: Channel numbers displayed adjacent to the map are those shown in the "Channel" column in the stations table.

The map shows the distribution of stations around your address. When installing an antenna, you should point your antenna or align your antenna's rotor system to point in the direction of the stations of interest.* The compass arrow in the lower left can help match the orientations on the "Stations" page to the map: the compass arrow shows the direction of magnetic North. Orientations start at 0° (North) and increase clockwise to 360° (North again). So, North-East is 45°, South-East is 135°, etc.

You can see the alignment information and channel numbers for a new location by dragging the center icon or double-clicking on a new location. The Stations page will also be updated with new stations, antenna type recommendations and other information.

*Alignment is not necessary for antennas coded as "multidirectional".



DisplayMap
Feedback ▾

http://www.antennaweb.org/aw/DisplayMap2.aspx
☆

[Printer Friendly Map](#) | [Close Window](#)

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DisplayMap

http://www.antennaweb.org/aw/DisplayMap2.aspx

Map Satellite Hybrid

274 Cottage Cir
Davis, CA 95616
38.540843, -121.742441
Housing : Single Story
Height : 20.0 feet
Obstructed : True

Channels

A: 20

AntennaWeb.Org

H: 2.1
I: 28

Map data ©2011 Google - [Terms of Use](#)

POWERED BY Google

Note: Channel numbers displayed adjacent to the map are those shown in the "Channel" column in the stations table.

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BUZZ

WORDS

CONVERGENT BOXES

The screenshot shows a web browser window with the URL <http://www.bestbuy.com/site/Internet-Connectable-Smart-TV/Smart-Set-Top-Boxes/pcmca>. The page title is "Smart Set-Top Boxes - BestBuy". The browser's address bar shows "apple tv" in the search field. The Best Buy logo is in the top left, and navigation links for "Store Locator", "Weekly Ad", "Credit Cards", and "Reward Zone" are in the top right. A search bar is located below the logo. A dark blue navigation bar contains "PRODUCTS", "SERVICES", "SHOPS & DEALS", and "GIFTS". Below this is a "BEST BUY OUTLET CENTER CHECK OUT THE SAVINGS Shop now" banner. The breadcrumb trail reads "Best Buy > TV & Video > Internet Connectable & Smart TV > Smart Set-Top Boxes".

The main content area is titled "NARROW YOUR RESULTS" and includes a "Check Stock in Stores Near Me" section with a "GO" button. Below this are "Current Offers" (On Sale (1), Financing Offers (4)), "Brand" filters (Western Digital (2), TiVo (2), Sony (1), Roku (1), Logitech (1), D-Link (1), Apple (1)), "Price Range" filters (\$50 - \$99.99 (4), \$100 - \$149.99 (1), \$150 - \$199.99 (2), \$200 - \$249.99 (1), \$250 - \$499.99 (1)), "Internet Connectable" filters (Yes (10)), and "Instant Content" filters (Netflix (8), YouTube (7), Pandora (7), Flickr (4), Facebook (2), VUDU (1), Picasa (1)).

The product list shows 1-9 of 9 items, sorted by "Best Selling". Each item includes a product image, name, model/SKU, description, rating, and an "ADD TO CART" button.

Product Name	Model/SKU	Price	Rating
Roku - XD Wireless Digital Media Player	Model: 2050X SKU: 2141036	\$79.99	4.2 of 5 (17 reviews)
Apple® - TV®	Model: MC572LL/A SKU: 1331156	\$99.99	4.1 of 5 (72 reviews)
Western Digital - WD TV Live Plus HD Media Player	Model: WDBABX0000NBK-NESN SKU: 9945474	\$119.99	3.5 of 5 (36 reviews)
Sony - Wireless Network Media Player	Model: SMPN100 SKU: 2219037	\$99.99	-

At the bottom of the browser window, there is a search bar with "Find:" and options for "Next", "Previous", "Highlight all", and "Match case".

Game Consoles

- PS3
- Wii
- X-Box 360



Streaming Players

- Apple TV
- Roku
- Many Others



Streaming Players

- Apple TV
- Roku
- Many Others



Streaming Players

- Apple TV
- Roku
- Many Others



Blu Ray Players & HDTVs



Activation

Samsung Network Blu-ray Players [See all devices >](#)

The standard in captivating entertainment: Samsung Blu-ray Disk players. Immerse yourself in the world of cinema-quality 3D entertainment with crisp image detail, via innovative Blu-ray 3D DiscTM technology. Get the best of the web right on your TV, with Samsung Apps. And speaking of connections, you can even sync and share media files from your computer, digital camera and more, with Samsung's AllShare feature.

[Find out more from Samsung](#)



**Own one already?
Connect your device to Netflix.** [Activate Now](#)

[How to get your activation code](#)

NEED

FOR

SPEED

Basic: 1.5 Mbps

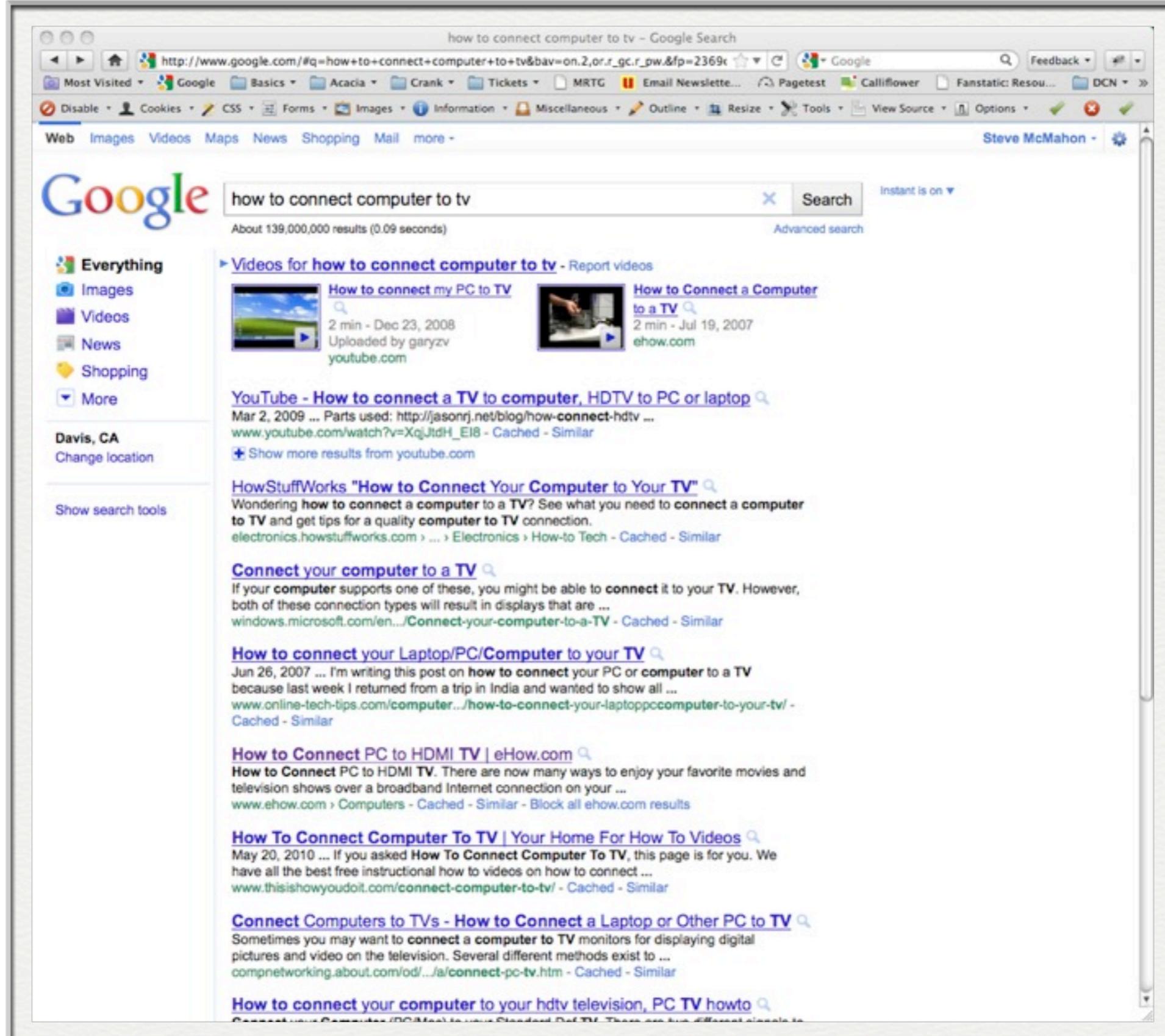
HD: 3-6 Mbps

speedtest.net

**Now for
Something
Really
Different**

TV as a BIG Computer Monitor









CUT THE CABLE: TELEVISION AND MOVIES

Option	Cost	TV	Movies	Comment
Hulu	Free for basic service; \$8 monthly for Hulu Plus	●	●	Hulu Plus provides access to full seasons of TV shows. But the movie selection is mainly older releases and documentaries.
Netflix	\$8 per month for unlimited streaming; \$8 for one DVD at a time, unlimited	●	●	You won't find new episodes of current-season TV shows. Newer movies are available on DVD but not via streaming.
iTunes	\$1 to rent TV episodes, \$2 to buy; \$4 to rent new movies, \$15 to buy*	●	●	Preorder movies to be notified when they are released and have them automatically downloaded to your iTunes account.
Amazon Instant Video	\$1 to \$2 to buy TV episodes; \$4 to rent new movies, \$15 to buy*	●	●	With a TV Pass, each current-season episode is discounted; Amazon Prime members (annual cost: \$79) get thousands of movies and TV shows free.
Cinema Now	\$2 to buy TV episodes; \$4 to rent new movies, \$16 to buy	●	●	Check the "Collections" section for movies grouped by theme or price, such as outdoor-adventure movies and 99-cent movie rentals.
Redbox	\$1 per night for DVDs, \$1.50 for Blu-ray discs		●	At Redbox.com, find kiosk locations and reserve movies to pick up later.
Vudu	\$2 to buy TV episodes; \$4 to rent new movies, \$15 to buy*	●	●	Claims to have the largest collection of HD titles on demand, including HD (720p) and HDX (1080p).
Zune	\$2 to buy TV episodes; \$4 to rent a new movie, \$17 to buy*	●	●	You must download free Zune software to stream to a PC; compatible only with Windows XP SP3 and later versions.

*Extra for high-definition.

provided by
Kiplinger.com

CUT THE CABLE: SPORTS

Option	Cost	Comment
ESPN3.com	Free	Your Internet service must be from a selected provider to access content.
MLB.tv	\$100 a year for basic package, \$120 for premium; \$50 to stream to a mobile phone*	With the premium package, receive broadcasts from both the home team and the away team for a single game.
NBA League Pass Broadband	\$180 (or \$110 for Choice package); \$45 to stream to a mobile phone†	Watch up to three games at the same time; see previous games from the regular season anytime.
NHL Game-Center Live	\$169 for the full season‡	Watch full replays of in-market games 48 hours after they air without blackouts; see games dating to the 1960s with NHL Vault.

*Prices drop as season progresses. †2010-11 early-bird prices. ‡2010-11 cost.

provided by
Kiplinger.com

The screenshot shows a web browser window with the title "Netflix: Oliver!". The address bar contains the URL "http://movies.netflix.com/WiMovie/Oliver/822391?trkid=2692263#height". The Netflix logo is in the top left, and the user's name "Steve McMahon" and "Your Account & Help" are in the top right. The navigation bar includes "Watch Instantly", "Browse DVDs", "Your Queue", and "Suggestions For You". Below this is a search bar and a secondary navigation bar with "Genres", "New Arrivals", "Starz Play", and "Instantly to your TV".

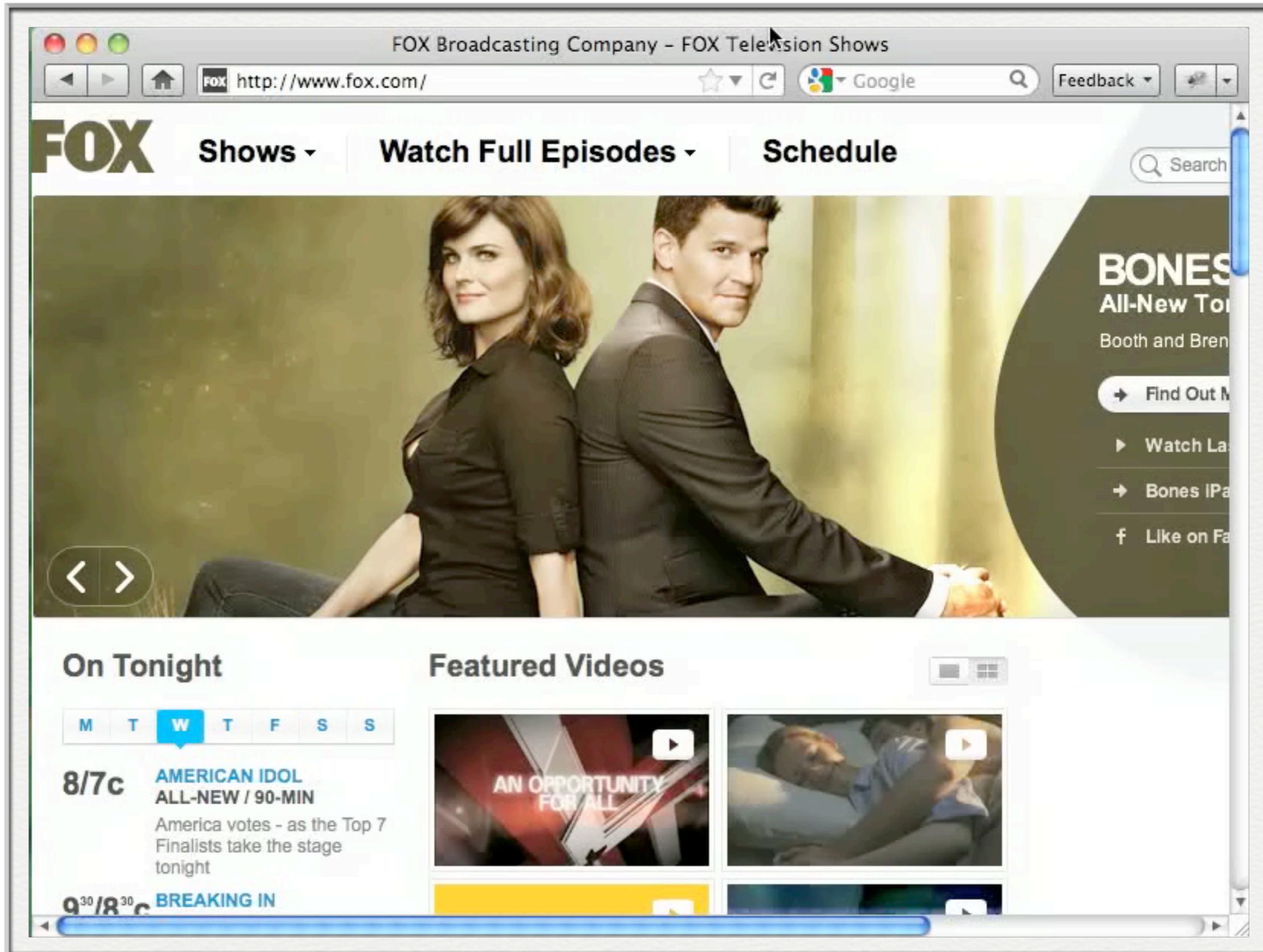
The main content area features a large movie poster for "OLIVER!". To the right of the poster, the movie title "Oliver!" is displayed, followed by the year "1968", a rating icon, and the runtime "152 minutes". A detailed synopsis follows: "Director Carol Reed's lively musical adaptation of Charles Dickens's classic tale stars Mark Lester as the titular orphan who escapes the workhouse and is taken under the wing of wily pickpocket Fagin (Ron Moody). Befriended by the crafty Artful Dodger (Jack Wild) and resented by the brutish Bill Sikes (Oliver Reed), Oliver navigates his way through 19th-century London in this highly touted film that captured six Oscars, including Best Picture."

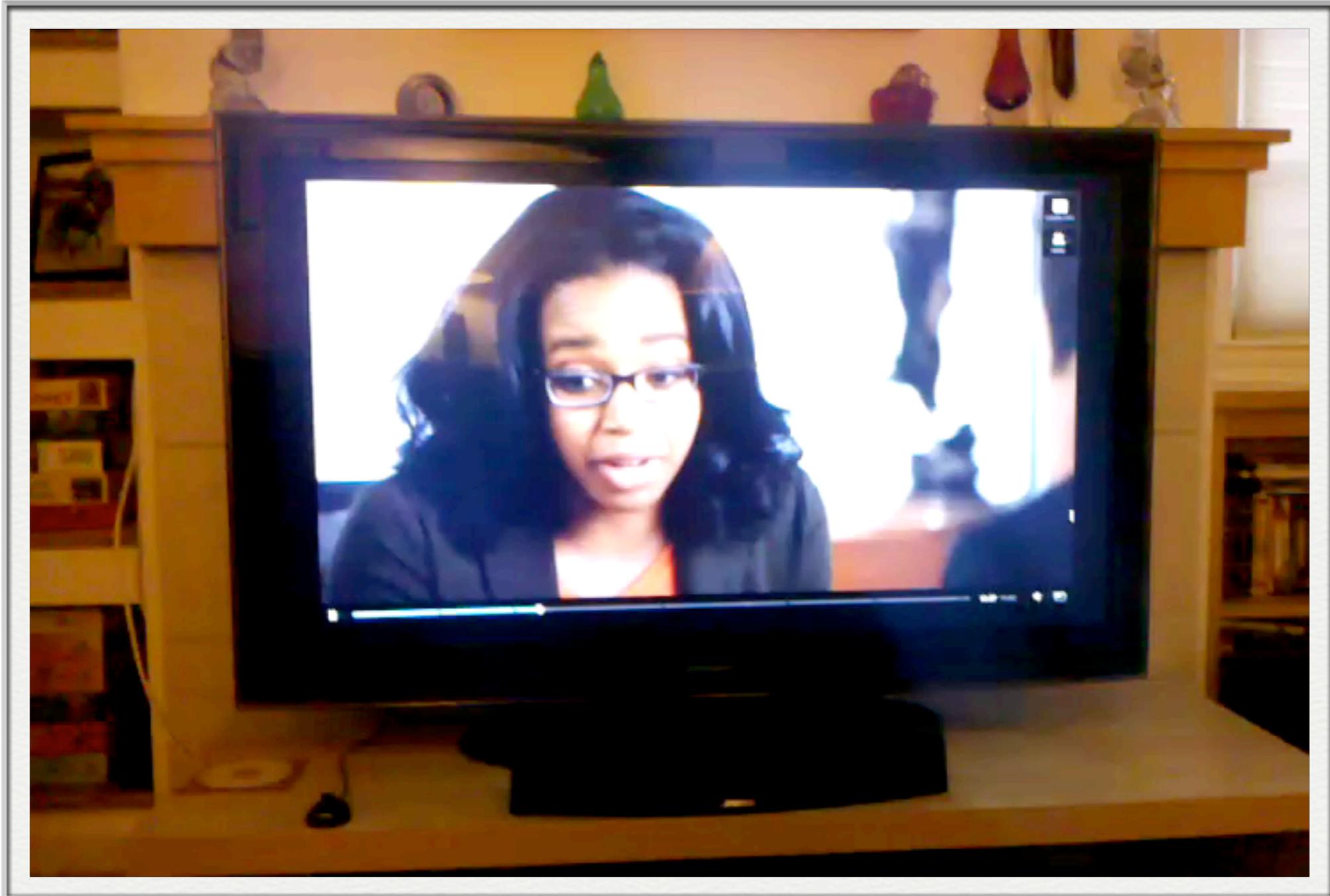
Below the synopsis, the cast is listed: "Cast: Oliver Reed, Mark Lester, Ron Moody, Harry Secombe, Shani Wallis, Jack Wild". The director is "Carol Reed". The genres are "Classics, Classic Movie Musicals, Dramas Based on Classic Literature, Must-See Musicals, Musicals, Dramas Based on the Book".

At the bottom of the synopsis section, it says "This movie is: Emotional, Dark, Inspiring" and "Availability: Streaming and DVD".

On the right side of the page, there are four buttons: "Play", "Add to Instant Queue", "Add to DVD Queue", and "Play Trailer".

Below the poster, there is a star rating system with five stars, a "Not Interested" button, and two lines of text: "Our best guess for Steve: 3.6 stars" and "Average of 372,718 ratings: 3.7 stars".





City Council Archives

- » [Tue. Apr. 19, 2011](#) [Video](#)
- » [Tue. Apr. 12, 2011](#) [Video](#)
- » [Tue. Apr. 5, 2011](#) [Video](#)
- » [Tue. Mar. 29, 2011](#) [Video](#)
- » [Tue. Mar. 15, 2011](#) [Video](#)
- » [Tue. Mar. 1, 2011](#) [Video](#)
- » [Tue. Feb. 22, 2011](#) [Video](#)
- » [Tue. Feb. 15, 2011](#) [Video](#)
- » [Tue. Feb. 1, 2011](#) [Video](#)

How to View Streaming Video

You will need video software that supports RealVideo format.

If you do not have a video player that supports Real video: [Download Free Version of Real Player 10](#)

Once you have installed the viewer software, simply click on one of the video links above to start the video stream.



How to View Streaming Video

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BUZZ

WORDS

PARTS



BUZZ

WORDS

RE- MEDIATION

Producer

amazon.com

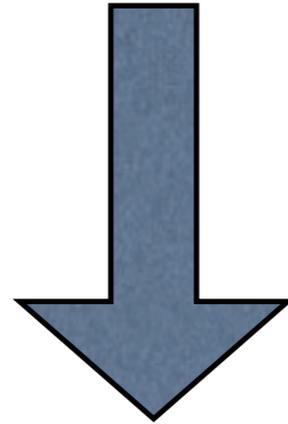
comcast.

NETFLIX



Consumer

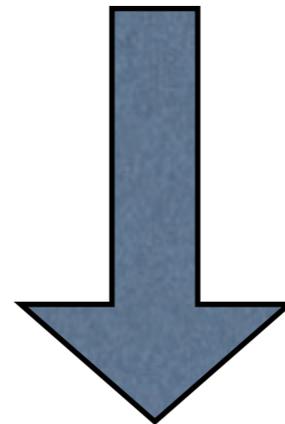
Producer



amazon.com

comcast.

NETFLIX



Consumer

Producers

amazon.com



Consumer