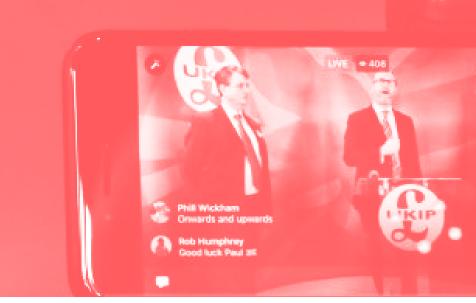


Capturing the Modern News Consumer



Capturing the Modern News Consumer

2. Engagement and Storytelling Across Platforms



CNN programs across more than 60 different platforms, almost all of them digital

"...how you make that work is putting the right content on the right platform at the right moment."

Alex Wellen CNN Chief Product Officer



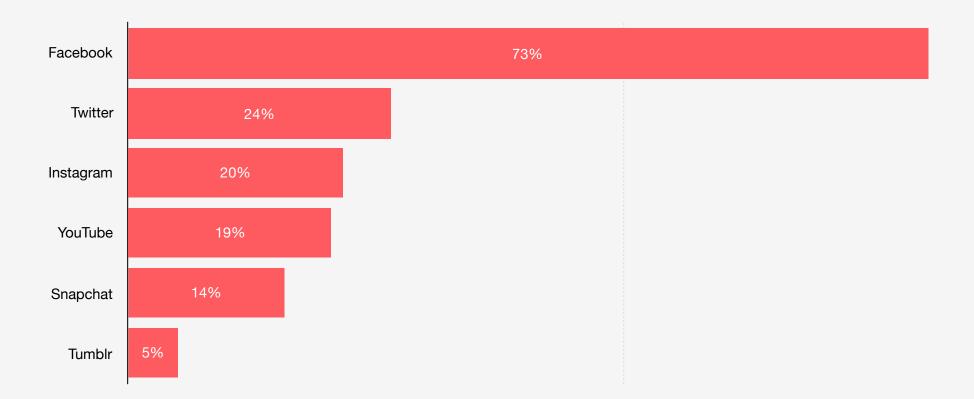


Let's look at some of these platforms and how they're being used to tell stories and capture and audience. 2. Engagement and Storytelling Across Platforms

Social Media

Social Users Talk TV

43 million US internet users interact around TV using social media

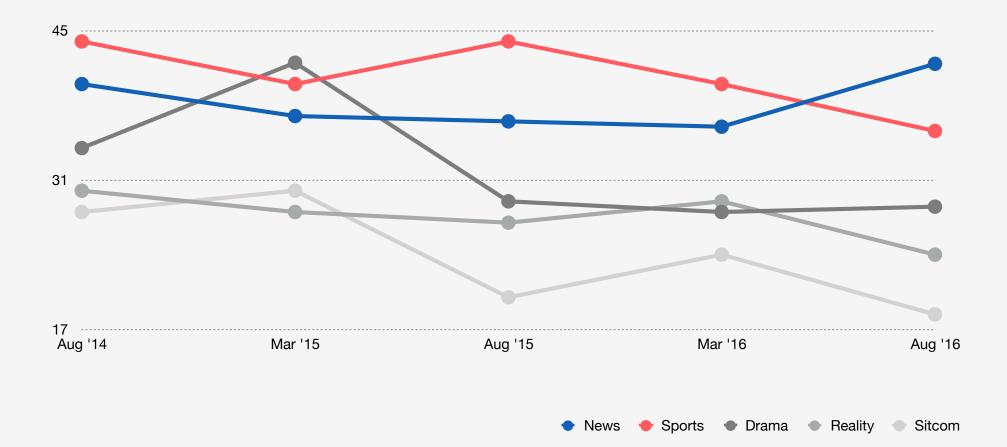


About a third cited discovery of new content as their reason for engaging on social, and one in seven says it makes them watch more TV

% of total US internet audience using platform Source: Ring Digital, "The Social TV Index, 5th Edition", Sept. 2016

News drives much conversation

News and sports consistently dominate what people discuss

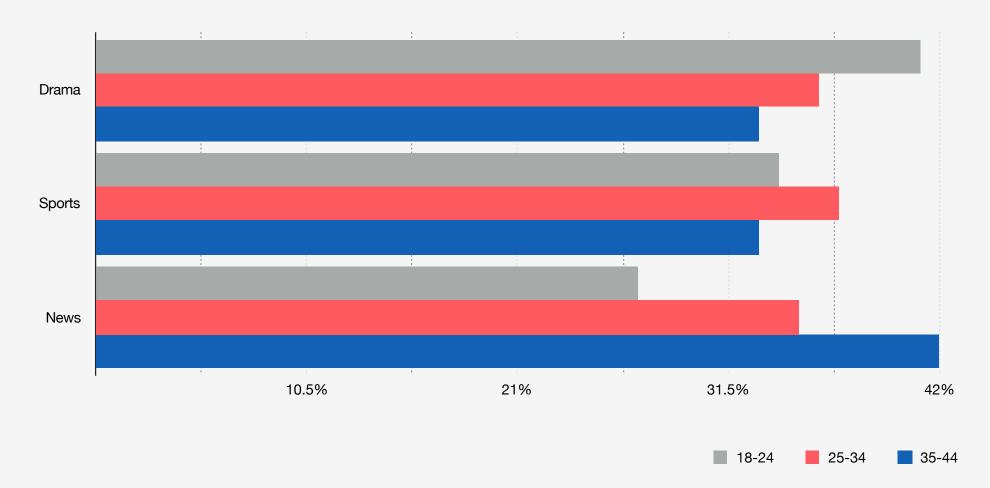


Which genres of TV content have you used social media to engage with?

Source: Ring Digital, "The Social TV Index, 5th Edition", Sept. 2016

Younger viewers post less about news

But still are engaged, creating an opportunity to make a direct appeal

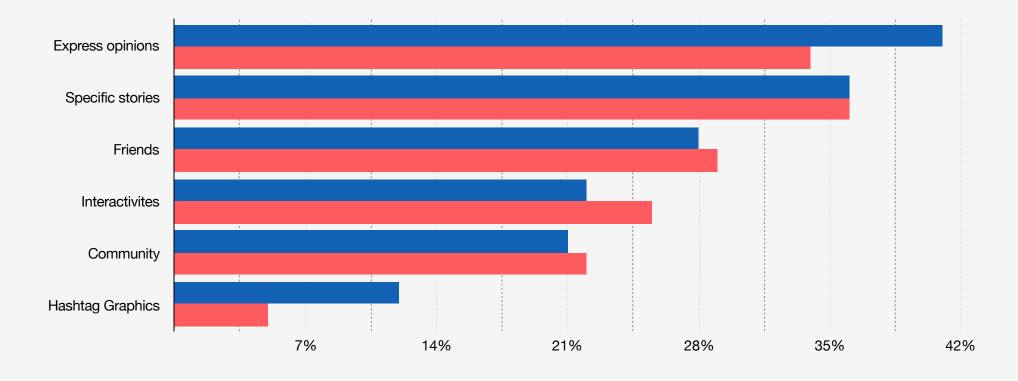


Which genres of TV content have you used social media to engage with?

Source: Ring Digital, "The Social TV Index, 5th Edition", Sept. 2016

Expressing opinion is important

News content geared at generating and soliciting opinions could serve to spur more engagement and posting



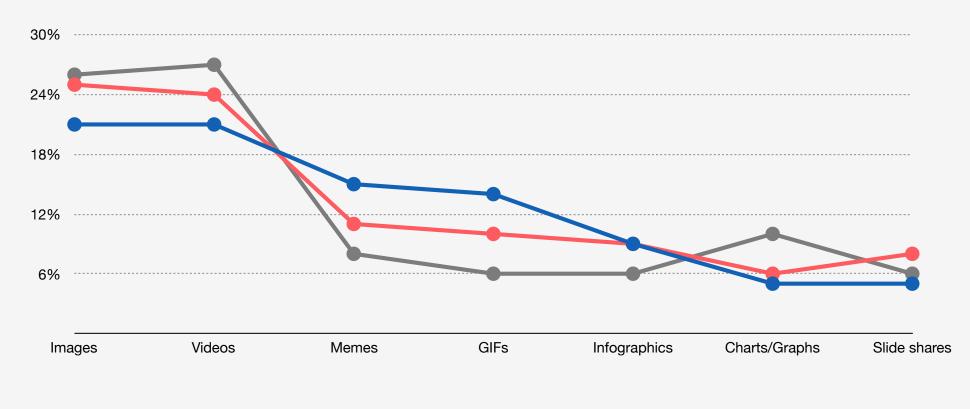
Men Women

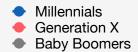
Most important reason(s) you engage on social media about TV while watching TV

Source: Ring Digital, "The Social TV Index, 5th Edition", Sept. 2016

Sharing is caring

And millennials love to share images, videos, memes and other visual means to communicate thoughts and feelings





Most shared visual content Source: BuzzStream/Fractal, "It's about creating a CNN habit no matter what platform they are on."

Samantha Barry

CNN executive producer in charge of social and emerging media





CNN: Not just about driving traffic

Too many news organizations use social media to drive users to web sites, but that's not a complete approach



Differentiate

Don't treat all platforms the same, says Barry. A one-sizefits-all approach definitely does not work for social.



Experiment

That means you should experiment with what kind of content, voice and engagement works on each social offering you produce.

\checkmark

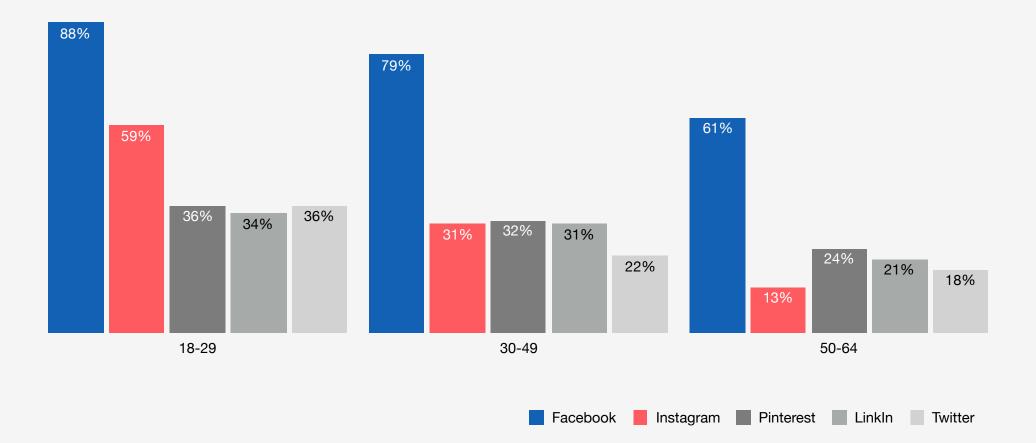
Review

Don't stop reviewing and assessing what's working so you can make changes to get the results you want. Social media = engagement. It's that simple. What follows are the social platforms that millennials are using to consume news and interact with their peers.



Facebook still a strong habit

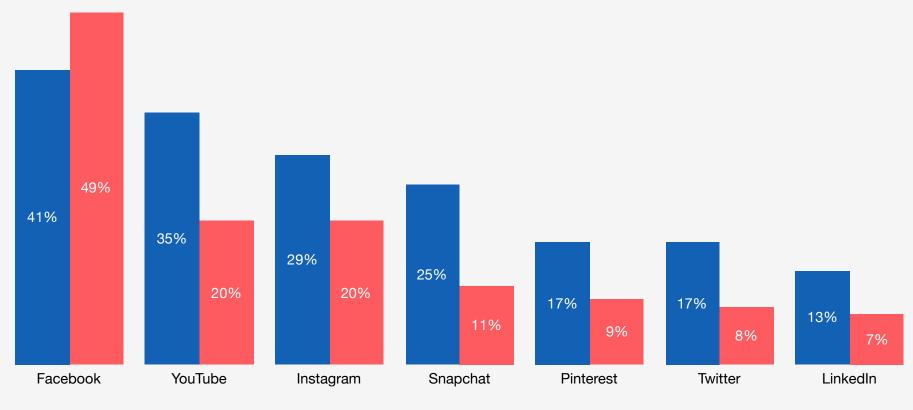
88% use Facebook, the highest among any age group



% of US adults who use each social media platform, by age

But millennials are multi-platform

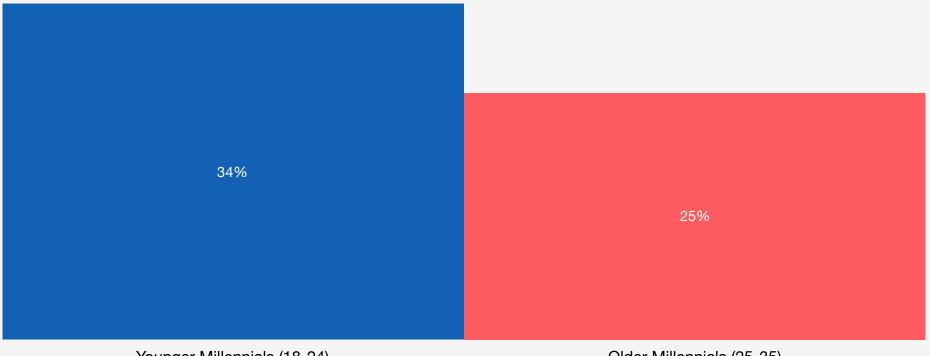
While 41% use Facebook daily, they use it slightly less than non-millennials, and spread their time to many other social platforms



18-34 35+

Millennials love Instagram

59% use it, with younger millennials using it more, and more often



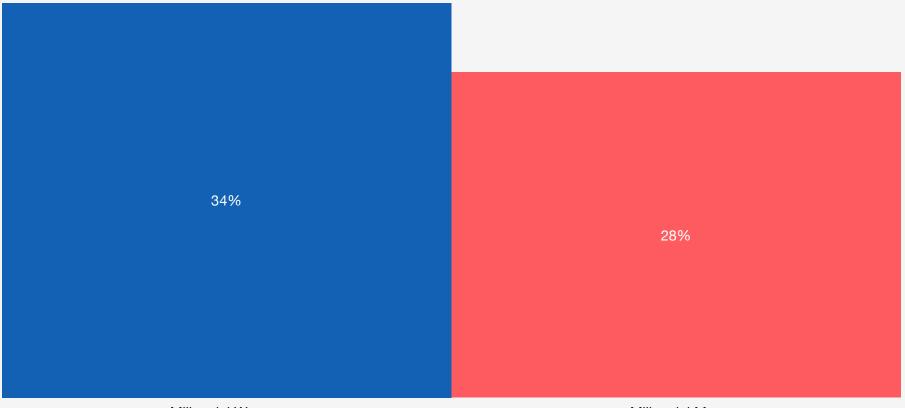
Younger Millennials (18-24)

Older Millennials (25-35)

Younger v. older millennials who use Instagram Source: Fluent, Aug. 2016

Millennial women favor Instagram

Daily usage is more than 20% higher among young women



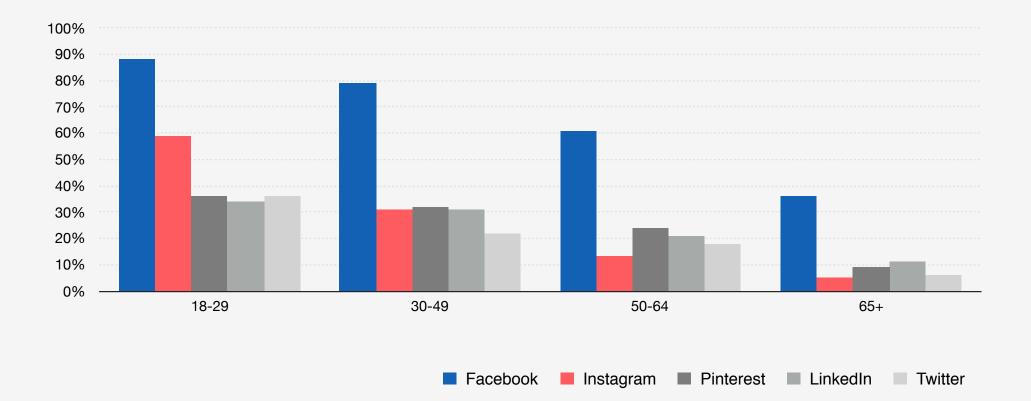
Millennial Women

Millennial Men

Percentage who use Instagram everyday Source: Fluent, Aug. 2016

Twitter not nearly as popular

Only about one-third of millennials use Twitter, but they are the largest age group for the platform



Source: Twitter

Stay Current

Learn about current trends and what people have to say about them.

Entertain

BUT TWITTER AIN'T ONE

I GOT 99 PROBLEMS

Cure boredom or get a laugh.

Announce

Use hashtag at events to document their participation.

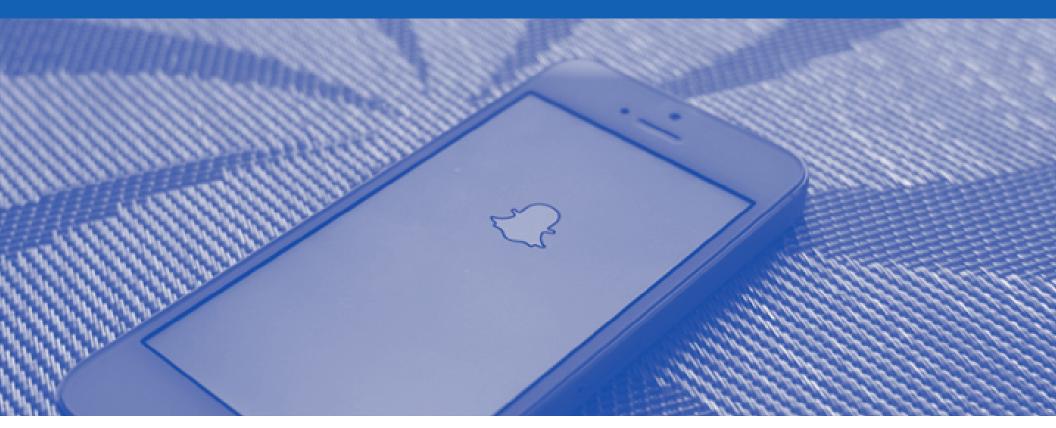
Millennial users turn to Twitter for very specific reasons

But Twitter serves a role



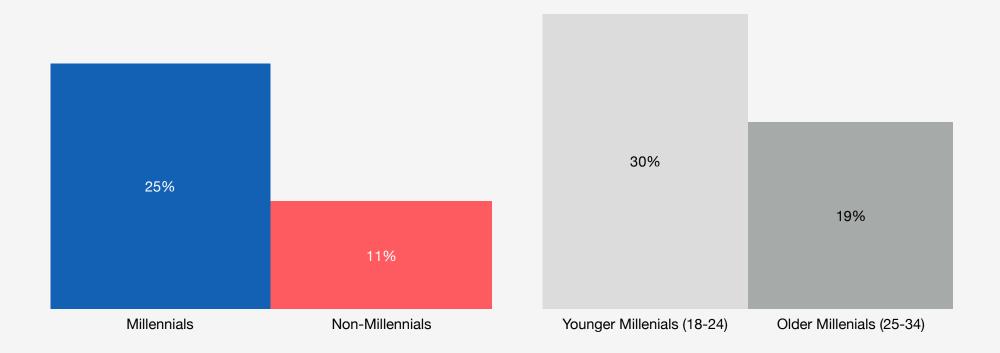


While Facebook, Instagram and Twitter rule the social media roost with millennials, when pursuing the modern news consumer there are other platforms to consider as well.



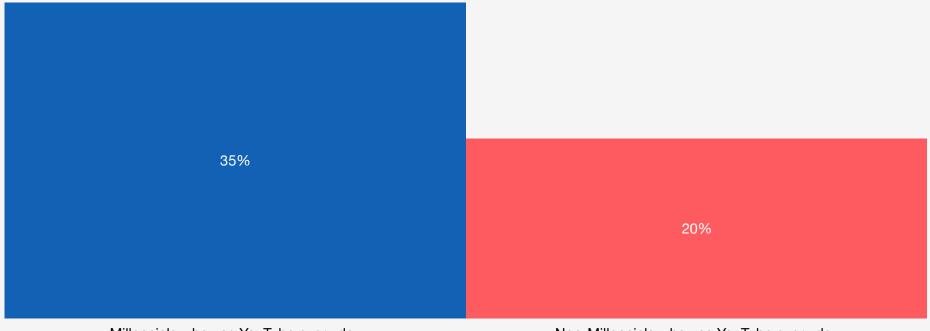
Snapchat usage is similar to Instagram

One of the appeals of it is that the posts are not permanent and go away quickly



YouTube is social too

While the primary purpose is to watch videos, the social sharing and commenting functions are used often by millennials



Millennials who use YouTube every day

Non-Millennials who use YouTube every day

Don't forget messaging

Millennials often use messaging through social platforms or standalone apps to the exclusion of texts and email



WhatsApp

A free smartphone app that allows users to send instant messages over the internet, bypassing mobile carriers. Users can send almost any kind of file with the message including images and video.



Kik Messenger

Similar to WhatsApp but allows some degree of anonymity since it does not require users to disclose a name or mobile number. Mostly used by younger teens 13 to 17. CNN programs a bot for Kik delivering stories from short queries.



Line

Another instant message app for smartphones, its users often communicate using emojis and stickers. 2. Engagement and Storytelling Across Platforms

Mobile

"So, what do millennials want? It is simple: we want information and we want good stories, just like everyone else. As long as we can find them on our phones."

Julia Greenburg Business writer, Wired

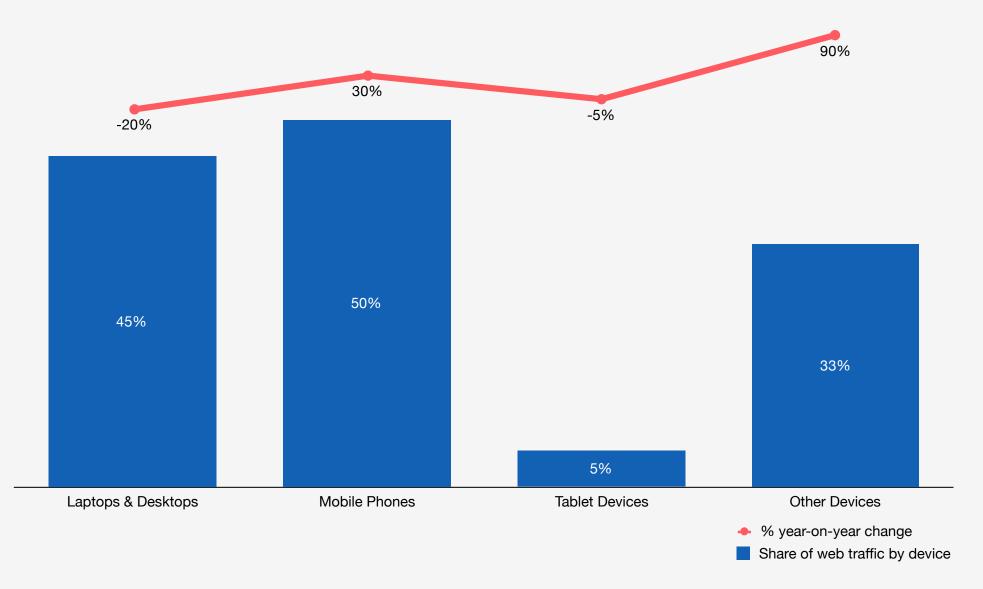
WIRED

We've been operating under the "mobile first" principle of online information and design for some time. The latest stats throw even more support to this approach.



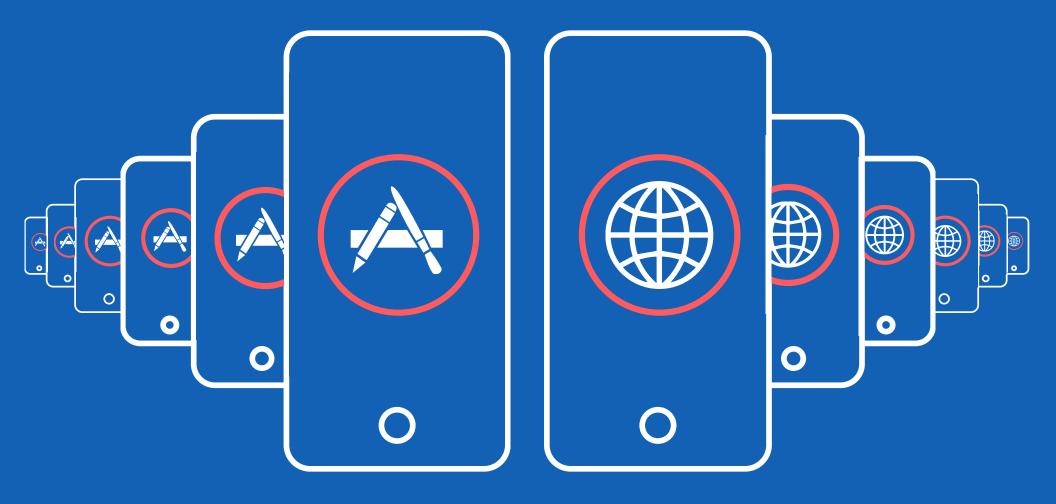
Mobile web traffic grows

Driven by social media links and convenience



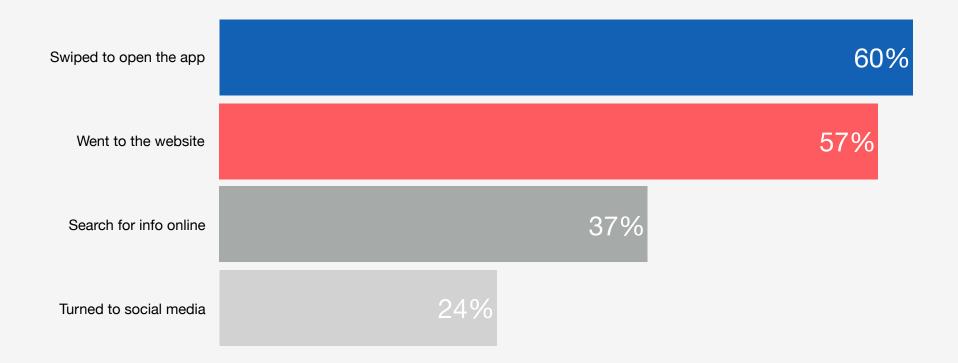
Mobile app vs. mobile web

Each serves its own purpose and often they engage separate audiences



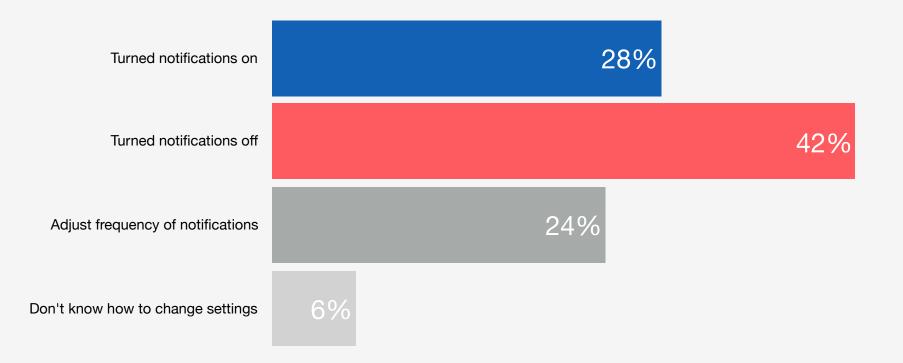
The Power of Alerts

One advantage of apps is the ability to use the phone's operating system to send alerts to a consumer, driving a specific behavior



But with a downside

Tech-savvy millennials are more likely to turn alerts off than activate them



CNN: Know your audience

Experts at CNN Digital say there are clear reasons why someone would choose an app over the web



Absorbing

The number of app users are smaller but they are more engaged.



Simplicity

An app needs to do a few things really well and make that promise clear to the user.



Exceptional

The experience you are offering through an app should be a premium experience, with emphasis on emerging the user using video or other visual storytelling techniques. 2. Engagement and Storytelling Across Platforms

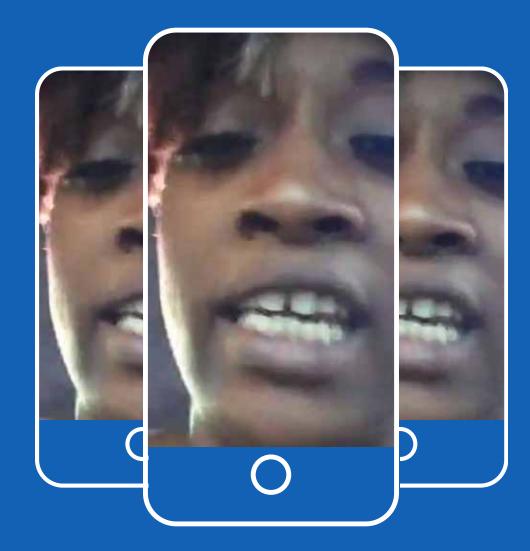
Live Video

Long the sole territory of TV stations, live video now is everywhere, prompted by the ubiquity of internetconnected devices with high-quality cameras and an increasing number of outlets through which to share.



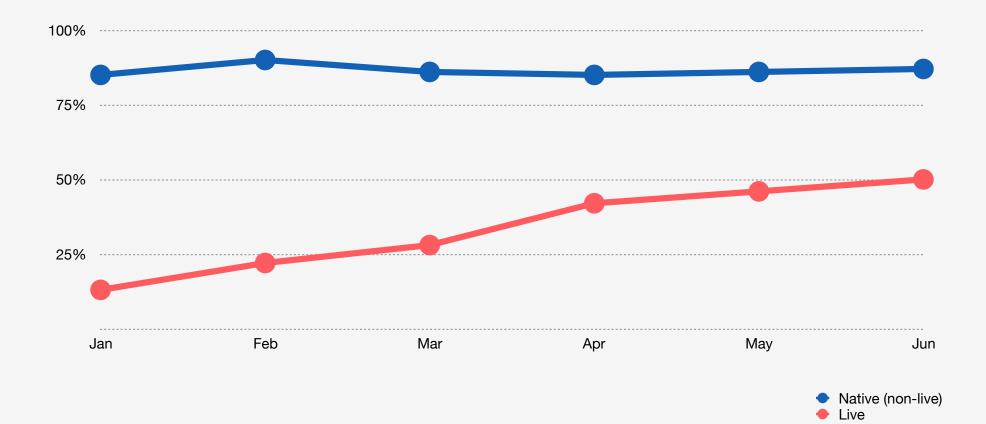
Facebook Live

Shot to national prominence after user streamed live the fatal shooting of her boyfriend by a Minnesota police officer



Media companies jump on FB Live

While almost all produce non-live videos for Facebook, the number choosing to stream live has hit 50% and is climbing



YouTube Live

The video search giant is courting media companies to provide live feeds through its streaming service. CNN, local stations and other news organizations are supplying content



Other Live Streamers

While Facebook Live and YouTube Live get most of the attention and audience there are other players to watch



Periscope

An early entrant into the live video market. Trying to set up channels around topics such as news that can be promoted through social media. But currently traffic is much smaller than Facebook's.



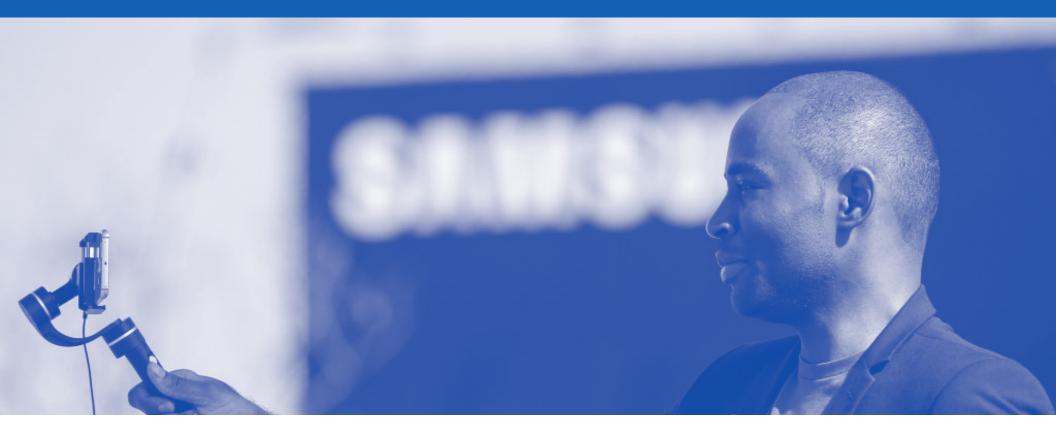
UStream

Professional services company (owned by IBM) providing live streaming capability to its clients, including many media companies. While it has its own app, it is more of a provider of technology to allow clients to stream on their own sites and services and not a platform itself.



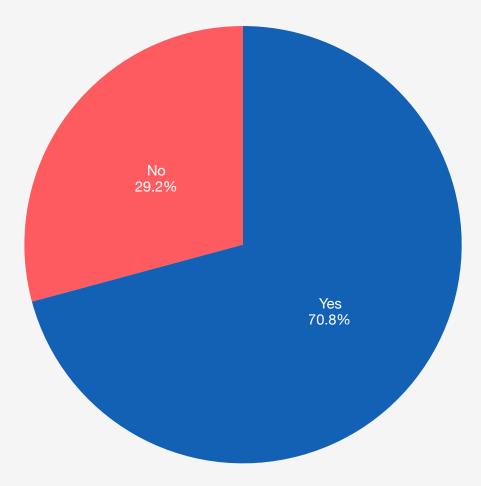
Snapchat

Doesn't allow full live streaming to a mass audience yet, but is predicted to move in that direction soon. Given its popularity with younger users, deploying live video on Snapchat could be an excellent way to reach a news audience. There is something immediate and real about live video. It lends authenticity to events and gives consumers a chance to feel like they are part of the larger community of <u>what is happening now</u>. News organizations need to take their long history of producing live video and use that expertise on these social platforms.



Great for content, can help revenue too

Marketers pushing ad spending towards social video

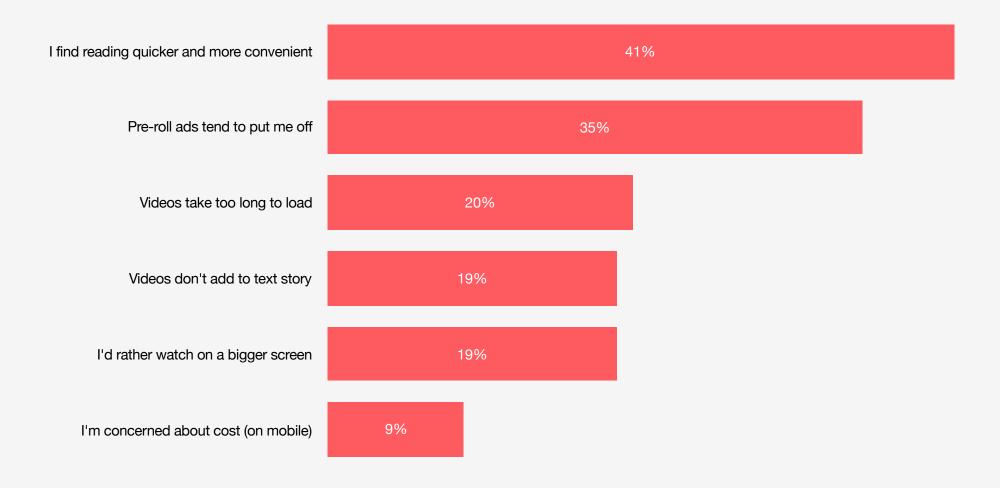


Plan to spend money to advertise/boost content

Source: Animoto, June 2016

But don't push everything to video

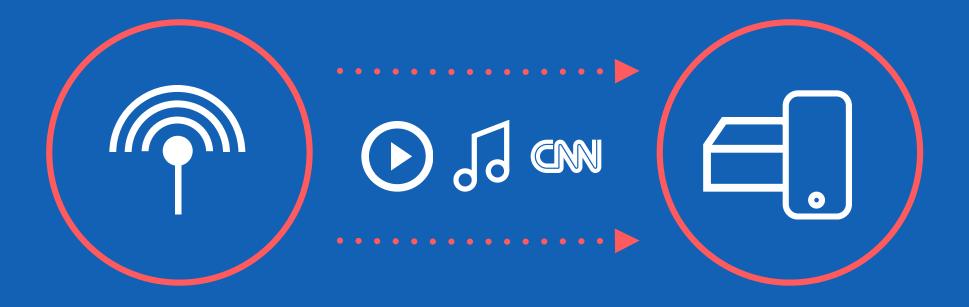
Many finding reading more convenient, or have other reasons to avoid video



2. Engagement and Storytelling Across Platforms

Over-the-Top (OTT)

Over-the-Top, or OTT services utilize internet transmission to deliver video and other content to set-top devices and increasingly, smartphones.



Targeting millennials through OTT news

Local station group is sending local news video through OTT app to target millennials viewers they're not capturing through broadcast television

Gray Television partnered with Haystack TV to program local news video and other content to millennials through both set-top boxes and mobile apps.

Gray chose Haystack because it felt it had the greatest reach among potential younger viewers.

Gray is also aggressive in programming to other OTT platforms such as Roku, and through the CBS All Access platform for its affiliates of that network.

MY HEADLINES EDITOR'S PICKS NEWS BUSINESS SCITECH U.S.POLITICS ENTERTAINMENT SPORTS GAMINE



Trending in News #trump () #wikileaks () #gop ()

2. Engagement and Storytelling Across Platforms

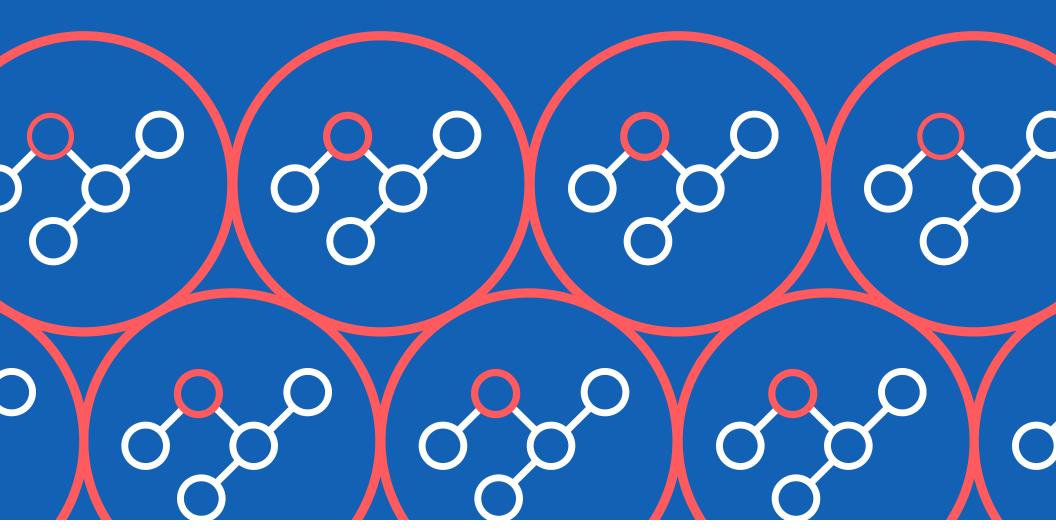
Areas of Growth

We've talked social media, mobile and live video. What else do we need to pay attention to when it comes to reaching younger viewers?





1. Artificial Intelligence

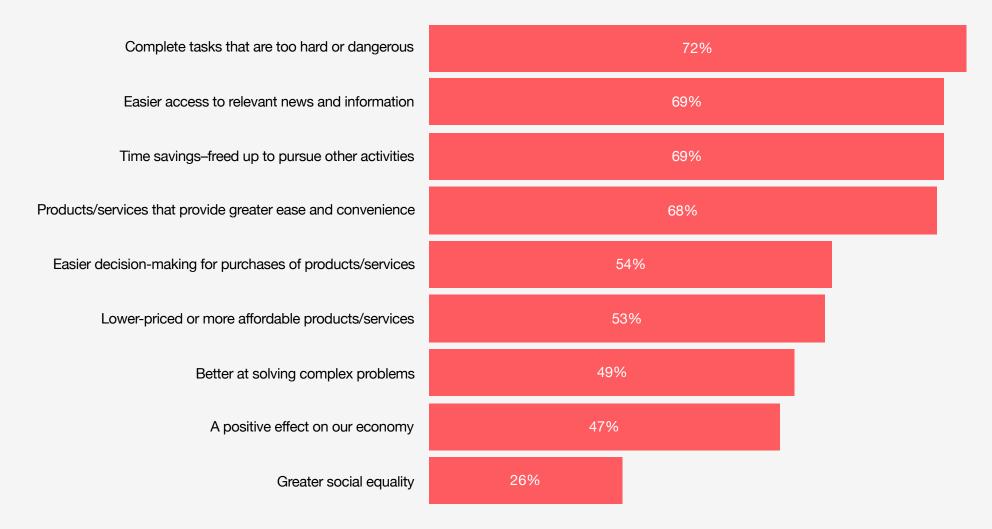


Artificial intelligence (AI) is being used by many news consumers to get content delivered to them rather than having to search for it.



AI can make simple tasks easier

Most people put finding relevant news at the top of the list of benefits



Al News Alerts and Feeds

Most news alerts and feeds are a form of artificial intelligence used to identify specific content of interest to the subscriber



Google Alerts

Lets you create a search on a specific terms, such as a name or brand



NewsTab

Web-based filtered feed providing relevant topics at a glance. Links through to primary sources such as CNN



Feedly

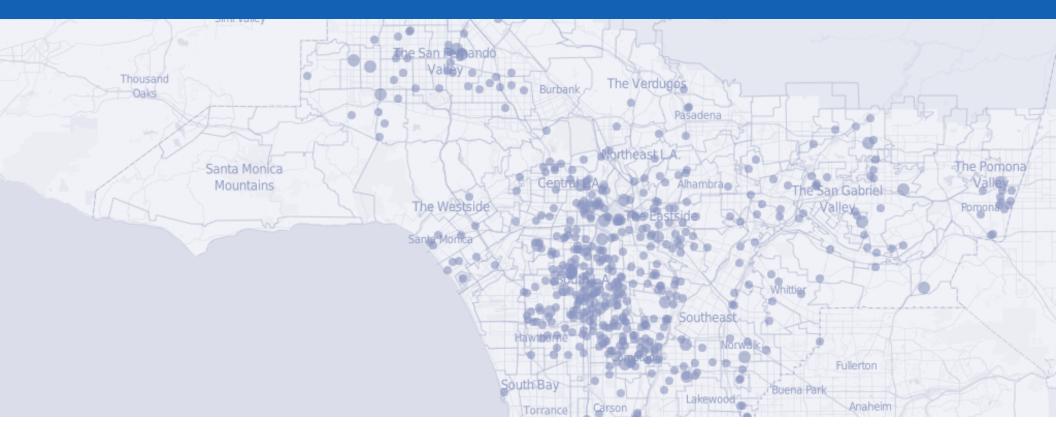
Paid service that allows you to track keywords and topics from major news feed. Works on both web and mobile app



MyTweetAlerts

Scans Twitter based on keywords and emails results

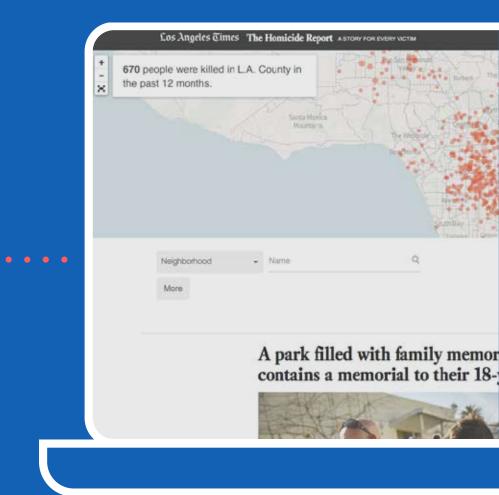
Al also can be used by news organizations to publish content faster, cheaper, and more customized for the user.



LA Times "The Homicide Report"

Al-produced feature that reports on every homicide victim in LA County

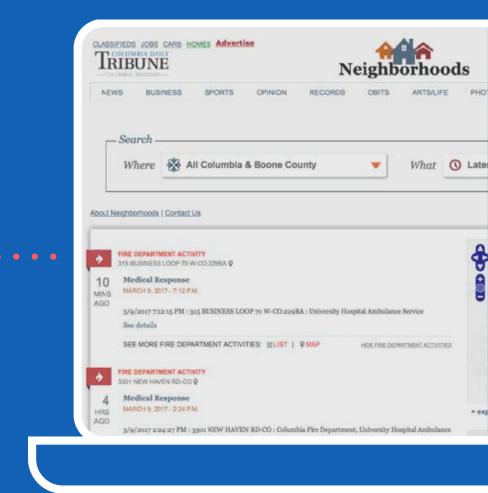
Using the tagline, "A Story for Every Victim," the LA Times employs AI to create a searchable map of every killing in the county, tying each to a story about the victim. While the story is written by a person, all other information about the crime is generated and published automatically from data on hand.



"Neighborhoods"

In a much smaller community, the Columbia (Mo.) Daily Tribune displays hyperlocal information on a map

From police and fire activity to civic services such as real estate open houses and local sporting events, the newspaper allows residents to map out information that is important to them while customizing only what they want to see.



LA Times "Quakebot"

Another example from the Times tracks earthquakes as they happen

Similar to the Homicide Report, this algorithmic features uses data generated by the US Geological Survey to plot earthquakes on a map of Southern California. Unlike the crime feature, this one contains no manual input from reporters and is completely generated from the data it receives.

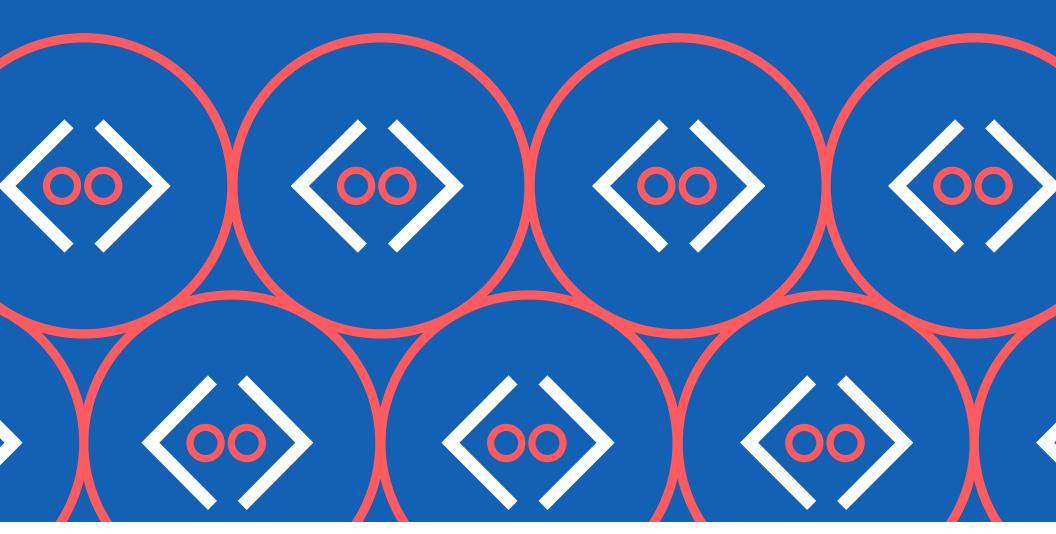
With the need for minor or no human intervention, local news organizations could use a similar approach for other data-driven topics such as weather, sports, financial info and more.



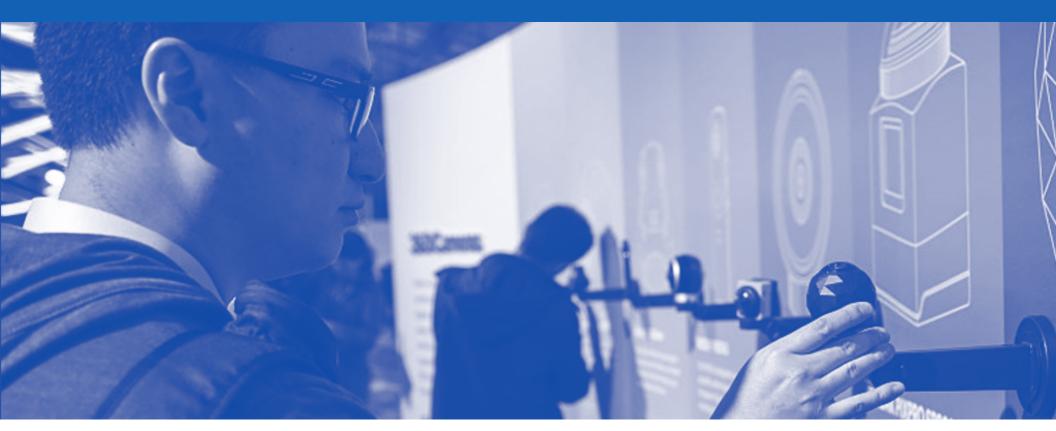
Earthquake on the beach: Scientists think a 7.4 temblor could reach from L.A. to San Diego

The discovery of missing links between earthquai magnitude 7.4 marthquake could rupture in the as undermeath Los Angeles, Orange and San Diego finds. Such an earthquake would be 30 times mor magnitude 6.4 earthquake that caused... Things to Come

2. Bots



An extension or subset of artificial intelligence, bots (short for robots) provide automated responses to simple queries from users.

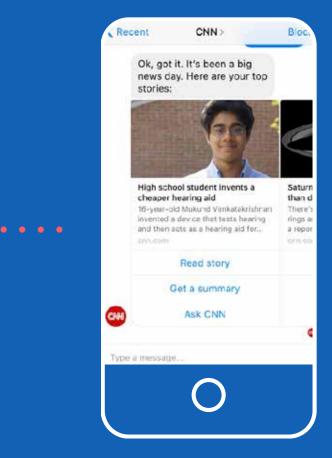


CNN on Facebook Messenger

CNN and other news organizations are using Facebook Messenger to provide quick, simple responses on a variety of topics.

CNN provides its news content through Facebook Messenger. Showing up as another friend in your app, you can ask simple questions or just name a topic. Queries return multiple story links with photos, captions and more info, providing a rich experience while ultimately pushing users through to CNN's site.

Users also can sign up for a daily news digest to be sent via Messenger.



Other News and Info on Messenger

While most bots are not major brands, some other news organizations have staked a claim to their topics on FB Messenger

The Weather Channel

The Weather Channel

Enter your home ZIP Code and get periodic alerts, or search for conditions anywhere with a simple query.



theScore

Bot to provide score alerts and news for teams you follow.

WSJ

Wall Street Journal

Get a morning briefing, stock quotes, follow a company and more.

Things to Come

3. Voice Control

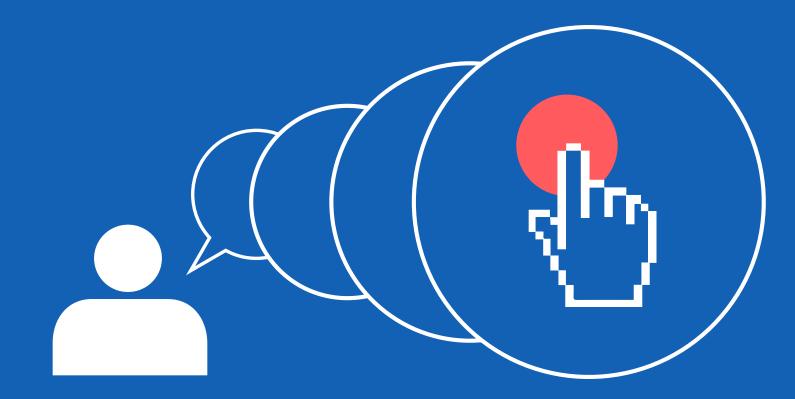


Taking the bot idea further, and often giving it a physical presence, voicecontrolled devices are starting to affect how people consume news and information.



Speak rather than click

Voice control is not only changing how people ask for news, it's also changing how news needs to be published



Just as the internet moved from point-and-click on desktops to touch on mobile devices, we're now moving to the next phase where pointing or touching becomes asking.

Faster and safer

Freeing up hands and eyes allows info queries to happen at times and places where they weren't convenient or safe before



This can help to integrate the data returned more easily into our lives without disrupting our routines.

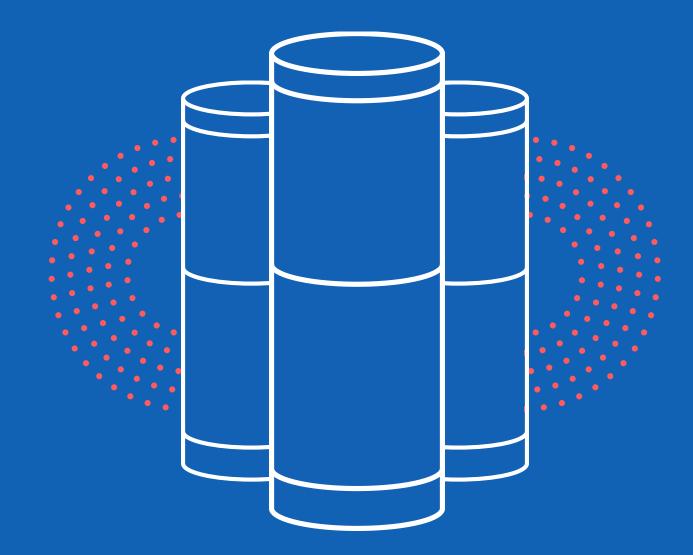
It started with Siri

Apple was the first major player to bring voice control to the mobile phone, and still is expanding with extensions such as Apple CarPlay



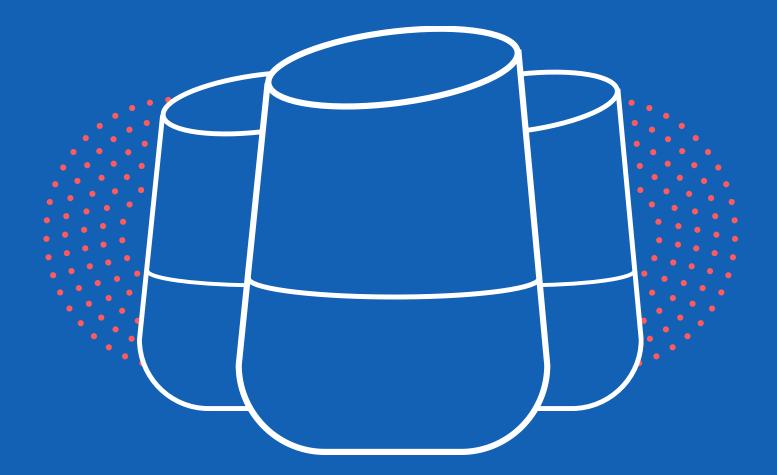
Amazon creates voice-control device

First to market with its Echo standalone device, Amazon provides info and entertainment in one device



Google moves into the Home

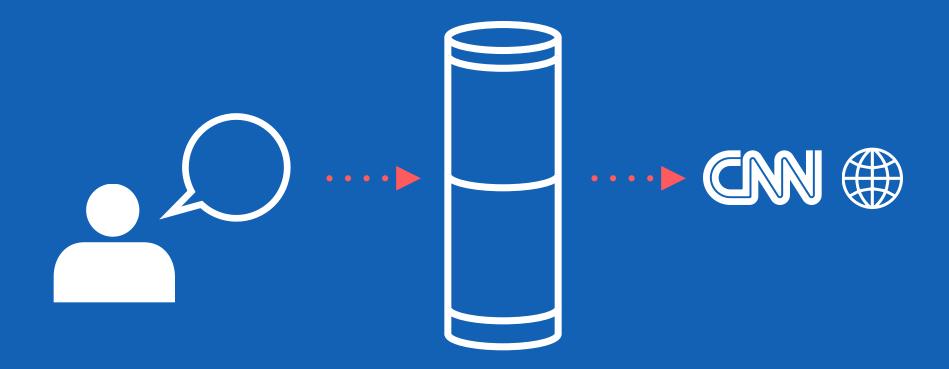
Google Home is cheaper than the original Echo, and promises better integration with your home audio and video systems



The benefits to the consumer are obvious. But what does this mean for the publisher?

CNN on Amazon Echo

CNN is programming for Amazon Echo, providing a new "skill", Amazon's name for its voice apps



Users can say "CNN" to access a variety of options including the latest headlines, specific topics suggested by the app, and more.

"We are aggressive in the voice service space because we believe that Amazon Echo and other services like it can be a powerful way to deliver real-time, personal news to our audience."

Alex Wellen CNN Chief Product Officer



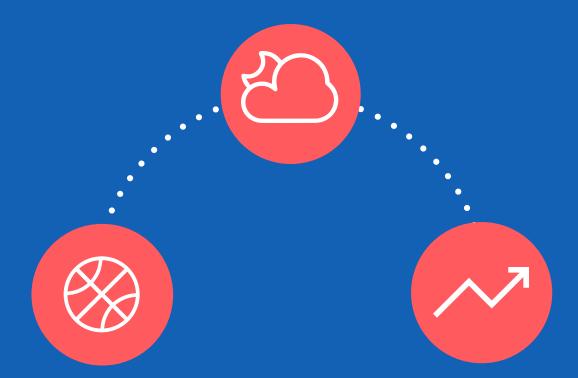


Publishers providing content for Amazon Echo have some tips



First, you have to produce the right content. That means audio. Providing audio from video segments can be part of your offering, but look for more. If you have podcasts you might start with those, but think about how else you can produce compelling short-form audio.

Publishers providing content for Amazon Echo have some tips



Rather than producing a lot of audio content you can also look for data that the device can present in its own voice. Local sports scores, stock of local interest, weather updates could all be forms of appropriate content enabled though your branded "skill".

Publishers providing content for Amazon Echo have some tips

Figure out what it is that you can add that isn't already available through Echo or Now. Perhaps it's the voice of one of your anchors, or a local feature you are known for.

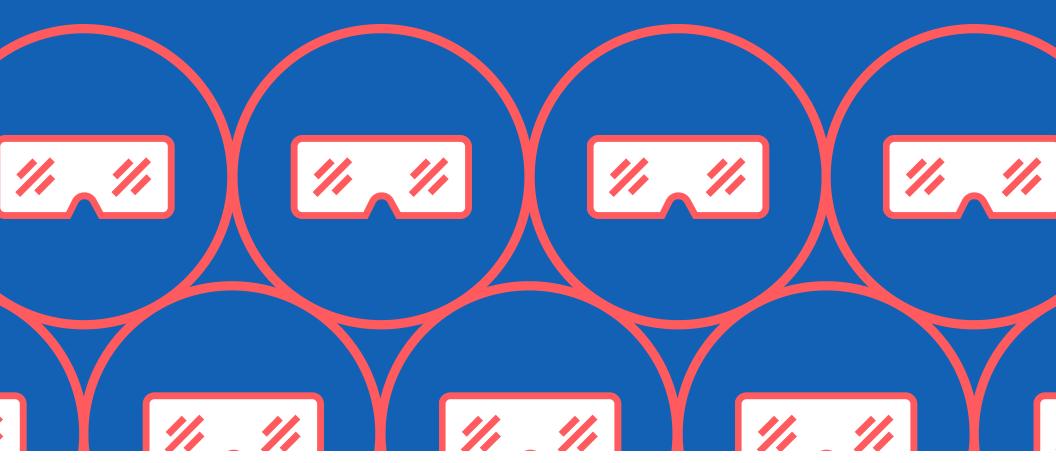
Publishers providing content for Amazon Echo have some tips



Finally, don't expect to make a lot of money at first, but most audio segments can host a short ad at the beginning. Experiment with these to help defray costs of the producing the content.

Things to Come

4. Virtual & Augmented Reality



Virtual reality and augmented reality (VR and AR) overlay more information on a picture or video, or provide an immersive level of interaction for the user.



Best VR still hardware dependent

Gamers and other immersive applications need high-powered devices to provide the optimal experience.

Oculus (owned by Facebook), Samsung and Sony all utilize external headsets that cost many hundreds of dollars, leaving their market limited to high-end gaming and commercial applications.



Google takes a softer approach

Looking to open up VR to the masses, Google Cardboard uses a simple box as the headset and a mobile phone to provide the content and computing power.

Google sells the inexpensive cardboard boxes (\$10-\$15), works with developers to create content, and helps marketers distribute the devices to promote brands and products.

But critics say it's not real VR and could sour consumer's tastes when it comes to the power of the technology long term.

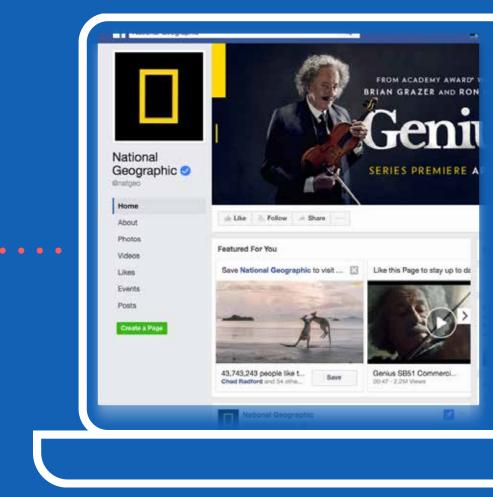


360 video without devices

Also criticized as not being true VR, but many publishers are using so-called 360 video to add more interactivity to stories

National Geographic

NatGeo has embedded its high-quality nature and science videos on its Facebook page, prompting even more interaction and sharing.

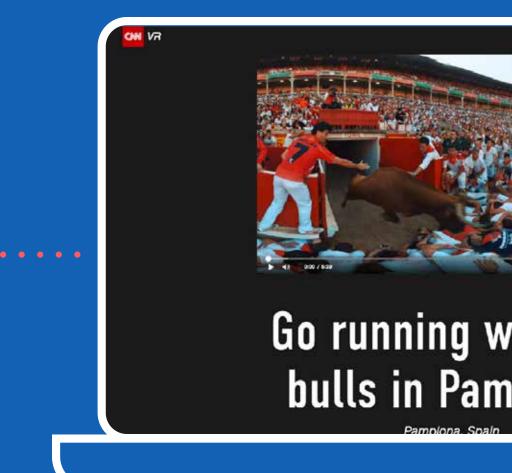


CNN launches immersive VR site

Trained journalists producing VR content throughout the world

In March, CNN began producing 360 video for major news events and weekly features such as a look at Pamplona's running of the bulls as seen through a street-side seat.

CNN is making its 360 video available on mobile devices through the CNN app, in browsers on the desktop, and for all the major VR headset manufacturers.



Washington Post uses AR in Gray case

App uses phone camera to portray events in fatal arrest

The Washington Post chose AR to help explain the series of events that lead to the death of a suspect in custody in Baltimore.

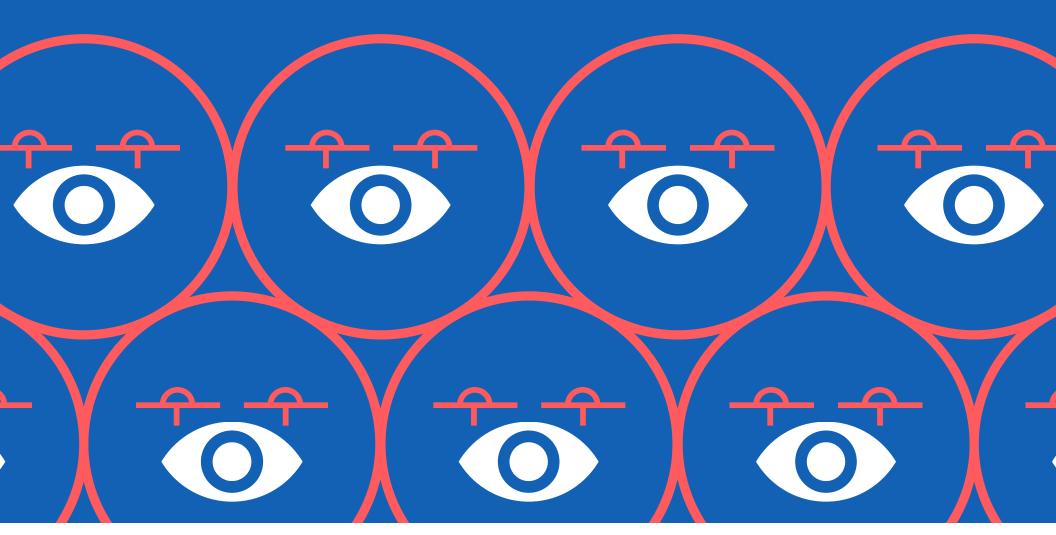
The Freddy Gray case drew national attention after his death triggered riots in Baltimore.

Working through the ARc app users can hear a narration of the case by a reporter as they rotate around depictions of the scene and view maps of key locations to get a better idea off what happened.



Things to Come

5. Drones



Seen as a new, and often cheaper way, to gather news video and other content, drones are becoming a common reporting tool.



CNN "AIR"

Effort to integrate aerial imagery and reporting into all CNN platforms

CNN has created a new division of Aerial Imagery and Reporting (AIR) to generate video and other news material using drones, or "unmanned aerial systems," as they have been termed.

Utilizing two full-time drone operators, the network has integrated aerial coverage into major stories ranging from floods and other natural disasters to large-scale events like political conventions.

Aerial coverage will be a major component in live video programming in the future, including on non-television platforms such as Facebook Live.



"CNN's cuttingedge development of technology to enhance the way we tell stories is a part of our DNA."

Terence Burke

SVP of National News





Things to Come

6. Long-form Journalism



Maybe it doesn't seem like it belongs with all this technology, but long-form journalism is thriving and millennials are one of the biggest audiences.

sis of a cerebral artery, wood reported that he saw some- nard Boulevards and parely hnson was with him when thing fall out of the plane's tail. Continued on page 15, Column 2 came word reached the Capitol assing of the oldest memhe Senate in point of serv-MORRIS IS ACCUSEI

e Senator Kenneth McKel-President pro tempore, the g was deep. With great affection colleagues paid tribute to his integrity of r, his liberalism and his

They joined in declaring Company'-McGoldrick Sees country had lost a great

or Johnson, who was servfourth year of his fifth the Senate, would have

The No Deal ticket, headed by years old on Sept. 2. Al- Council President Newbold Morris, his health had been failing "can only serve the interests of the last two years and Tammany Hall," Controller Joseph the South China port of Yeungkong the thundering voice D. McGoldrick, candidate for read conveyed his eloquence election on the Republican-Liberalinnumerable stirring de- Fusion party slate, declared yes- the Chinese "invasion coast" west innumerable stirring de Fusion party state, declared yes-it train service as our fliers took victims of its destructive power. itants sprang into being as a result in the Hiroshima and other areas per, friends believed he third-party ticket injected over the ang Kai-shek's headquarters said their time to assure the highest Much less did they suspect what of the \$2,000,000,000 atomic bomb had been canceled. to seek a sixth term in week-end into the city Mayoralty today. campaign.

nt to the hospital July 18. A short while later Gabriel A. 's before that he had cast Wechsler, general secretary of the coastal highway town, 121 miles vote in the Foreign Rela- City Fusion party, which supported southwest of Canton, a communimmittee, of which he was Mayor La Guardia and Mr. Morris qué said. king minority member, in previous city campaigns, ac-

reporting the new World cused Mr. Morris of "taking a walk Chinese forces won control of a to the Senate without away from the good government fifty-mile coastal stretch leading He did not participate in forces." debate on this document.

ron Senate approval by a spiritedly with colleagues interested in "just taking votes" ing should American forces choose e hearings were in prog- away from Judge Jonah J. Gold- it for a staging point for supplies



tness to his ideals and con- Fusion Official 'Sad to Part Smash Into Port 121 Miles Southwest of Canton-Big **Only Tammany Aided** Area Open for Landing

By The Associated Press.

CHUNGKING, China, Aug. -Chinese troops have broken into and cleared a fifty-mile stretch of

Swaying block-by-block street fighting is raging in the strategic

By breaking into Yeungkong west to Tinpak, which lies east of To both charges Mr. Morris de- Luichow Peninsula on the South clared he would stand on his state- China Sea, The coastal area now is

tangs and Thunderbolts of the that the first atomic bomb had more than five miles, away.)" Fifth and Seventh Air Forces from been dropped on Japan. Okinawa, supported by a few B-24 "By God's mercy British and

Liberators carrying big bombs. [Tarumizu, about 350 miles from Okinawa, appeared to be a site at which the Japanese might be preparing a rocket campaign against the American base, said a United Press dispatch. FEAF pilots reported seeing in the area, which has extensive cave construction, what seemed to be Japanese robot planes and also Mr. Churchill said, "and profound a huge catapult-like machine, extending over the water, that might be a rocket launcher.

[About 125 B-29's hit the Toyokawa naval arsenal of Japan in a demolition bombing Tuesday that Adolf Hitler's V-3 weapon noon, Strategic Air Forces head- was to be an atomic bomb, but quarters at Guam reported.]

Continued on Page 11, Column 2 | Continued on Page 9, Column 1



TUESDAY, AUGUST 7, 1945

One bomb hit Japan on Sunday night, but it struck with the force of 20,000 tons of TNT. Oak Ridge, near Knoxville, Where it landed had been the city Tenn., and one at Richland, of Hiroshima; what is there now has not yet been learned.

The attack, dramatically an- N. M. [1:6.]

American science outpaced all German efforts," said a statement by former Prime Minister Churchill written before he left office and issued from 10 Downing Street by his successor, Clement R. Attlee. "The possession of these powers by the Germans at any time might Secrecy on Weapon So Great

was maintained in Sante Fe,

vaders, B-25 Mitchells and Mus- tonight after it had been disclosed control tower (10,000 yards, or

have altered the result of the war," anxiety was felt by those who were informed."

The British Isles, which endured the terrors of flying bombs and rockets, did hear repeated rumors

One of these, Oak Ridge, situ- had disclosed that the new missile

TOM BOMBS MADE

IN 3 HIDDEN 'CITIES

had dotted small farms before, is The Office of War Information today the fifth largest city in Ten- began telling the Japanese today nessee. Its population of 75,000 what hit them. OWI branch trans-All production was in the persons has thirteen supermarkets, mitters in San Francisco, Hawaii United States at two plants at nine drug stores and seven thea- and Saipan beamed President Tru- Mexico, the War Depa man's statement on the atomic Wash. A scientific laboratory

for reasons of isolation and secur-

word pictures of the somb, had been dropp The announcement. Continued on Page 5, Column 1 to the world in utmo by President Truma plain that one of th landmarks of the cent passed, and that th atomic energy," which IN STRICKEN AREA tremendous force for the ment of civilization as destruction, was at has

At 10:45 o'clock this Traffic Around Hiroshima is statement by the Presi sued at the White Hor teen hours earlier-ab that citizens on the l board were sitting do Sunday suppers-an plane had dropped

Japanese Solemnly What happened at I not yet known. The V ment said it "as yet w

make an accurate repo "an impenetrable cloud Secretary of War will story "as soon as accu of the results of the come available."

But in a statement scribing the results o how an immense steel

bomb to Japan. been "vaporized" by t Edward Barrett, director of the dous explosion, how a

By JAY WALZ Special to THE NEW YORK TIMES. WASHINGTON, Aug. 6 - The Osaka radio, without referring to of Hiroshima, an impo War Department revealed today they never knew until tonight how how three "hidden cities" with a rific damage it must have caused shima, hinted tonight at the ter-The planes over Tarumizu met close they came to being the first total population of 100,000 inhab- by announcing that train service First mention of the bomb came

project, how they did their work without knowing what it was all in a Japanese Domei agency disabout, and how they kept the big-patch announcing that President from reconnaissance p **Truman and Prime Minister Attlee**

ated where only oak and pine trees had been dropped on Hiroshima.

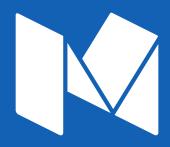
A second town of 7,000 was built ity on a New Mexico mesa. The OWI's overseas branch, said that

Disrupted — Japanese Still That Not Even Workers Sift Havoc by Split Atoms Knew of Their Product By The United Press. WASHINGTON, Aug. 6-The atomic bomb on the Ja the atomic bomb dropped on Hiro- center.

TRAINS CANCELED

Low on interactivity, high on interest

Publishers have found that long-from fits digital media quite well due to lack of space limits, easy connection to social media, and low-tech requirements



Medium

Essentially a blog platform, Medium has evolved into a digital soapbox for serious opinion on all sorts of topics, garnering millions of visits each month. Primarily comprised of individual voices, media companies are making inroads with content that fits the mix.



Narratively

An acknowledged attempt to "slow down the news cycle", the site organizes stories around themes and encourages collaboration between writers, photographers and video producers.

theSkimm

The Skimm

A simple, daily email newsletter, compiled and written as a morning introduction to what's happening. It's fully leveraged for social media users to share again and again.

Not so fast

Two newspapers are urging its reporters to write SHORTER stories

Wall Street Journal Editor in Chief Gerard Baker says long stories don't engage readers and that the paper needs to be more creative in how it reports.

The admonition is part of a great overhaul of the paper's newsroom and processes aimed at better anticipation of reader behavior and expectations.

The Washington Post wants shorter stories as well and even called out blogs for being verbose.

Editors cite their readers valuable time as the reason, pointing out that while space may be unlimited online, the audience's time is not.



"We must be vigilant in keeping story lengths appropriate. Bluntly, every story should be as short as it needs to be."

Gerard Baker

Editor in Chief, Wall Street Journal





Thank You