

PWC G8 Gals@Technology

May 2018

Home Protection Technology



Current Topics

- Red Hydrogen One coming to AT&T on June 2 featuring 4-view holographic display said to be “better than 3D”. Coming to Verizon later this year. Expected price of \$1,195
- “In 4V mode (holographic), the screen dims a bit and out pops a ‘better than 3D’ image ... No glasses needed. There is no way to describe it. You just have to see it. So far, everyone that has seen it gasps, swears, or just grins. I wish we had recorded all the reactions. Priceless”



Current Topics

- Atlanta's ransomware cleanup costs hit \$2.6 million
- On March 22nd, a ransomware outbreak hit Atlanta city government systems, freezing not just the city's technology but also its ability to get work done. This appear to be the SamSam ransomware.
- 8,000 employees were unable to use their PCs for several days
- Email, Oracle financial software, Siebel customer relationship management applications, Accela "civic engagement" software, and Capricon self-service portal for residents were all disrupted
- Atlanta airport Wi-Fi was taken down as a precaution
- Atlanta has not confirmed whether it paid a ransom
- Atlanta failed to invest in protections and paid the price many times over



Yesterday

Word 2016

Best Fire Tablet Games.docx

C:\Users\Avram\Documents

amazon.com - Microsoft Edge

Amazon.com: Online Shopping for Electronics, Apparel, Computers, Books,...

amazon

tomsguide.com - Microsoft Edge

Tom's Guide: Tech Product Reviews, Top Picks and How To

tom's guide

Photo Gallery

Screenshot_20171223-003759.png

C:\Users\Avram\

HP GuideBook v360 1020 G2 Review

Current Topics

- Windows 10 April 2018 Update

December 22 Timeline - (Windows key + Tab)

replaces TaskView

laptopmag.com -

PowerSpec 1510

tomsguide.com - Microsoft Edge

Tom's Guide: Tech Product Reviews, Top Picks and How To

tom's guide

Notepad

Topsites2016.txt

C:\Users\Avram\Downloads

November 24

Windows 10 Home Insider Preview

Evaluation copy. Build 17063.rs.17063.rs.17063.rs.17063.rs.17063.rs

10:41 AM

11/24/2017

Type here to search

BI

File Explorer

Microsoft Edge

Taskbar

Google Chrome

Edit Post - L...

Internet - split...

1 Reminder(s)

Command P...

HiChat

System tray icons

Network

Volume

Power

Taskbar icons

Current Topics

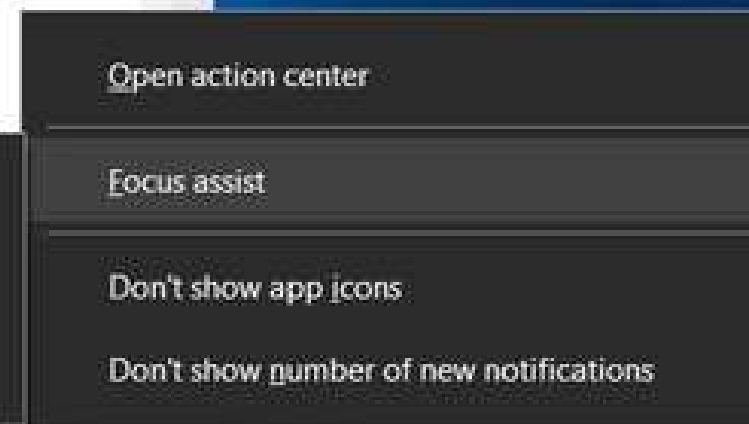
- Windows 10 April 2018 Update
 - Timeline - (Windows key + Tab)
 - Nearby Sharing (Windows AirDrop)





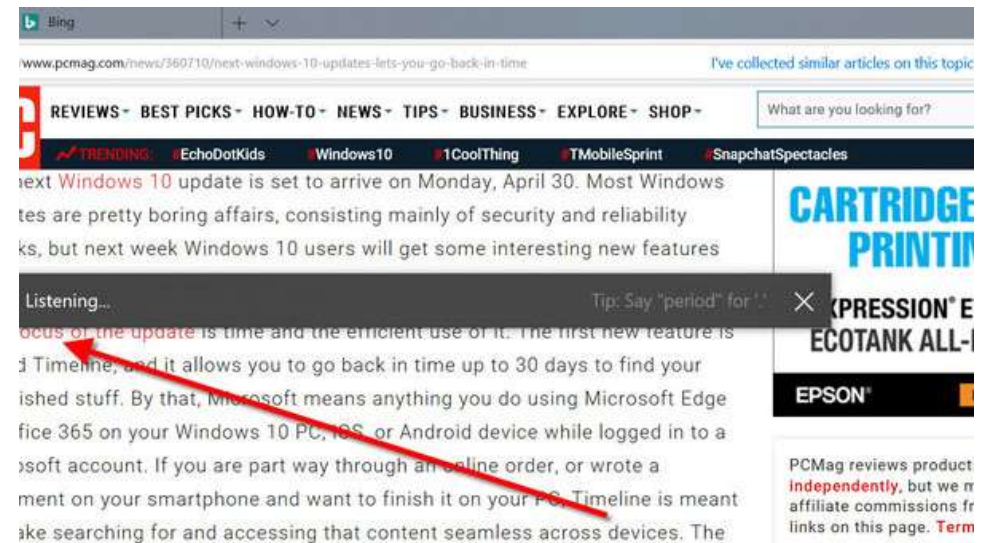
Current Topics

- Windows 10 April 2018 Update
 - Timeline - (Windows key + Tab)
 - Nearby Sharing (Windows AirDrop)
 - Focus Assist

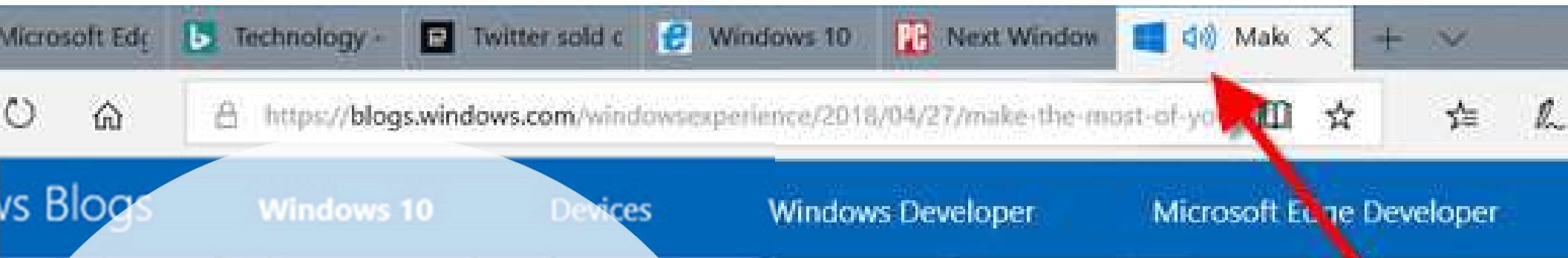


Current Topics

- Windows 10 April 2018 Update
 - Timeline - (Windows key + Tab)
 - Nearby Sharing (Windows AirDrop)
 - Focus Assist
 - Dictation Anywhere



The screenshot shows a web browser window displaying a PCMag article titled "Next Windows 10 update is set to arrive on Monday, April 30. Most Windows updates are pretty boring affairs, consisting mainly of security and reliability fixes, but next week Windows 10 users will get some interesting new features". A dictation overlay is visible over the text, with a red arrow pointing to the word "Timeline". The dictation overlay includes a "Listening..." indicator, a "Tip: Say 'period' for..." message, and a close button. The article text visible includes: "ocus of the update is time and the efficient use of it. The first new feature is Timeline, and it allows you to go back in time up to 30 days to find your missed stuff. By that, Microsoft means anything you do using Microsoft Edge since 365 on your Windows 10 PC, iOS, or Android device while logged in to a Microsoft account. If you are part way through an online order, or wrote a comment on your smartphone and want to finish it on your PC, Timeline is meant to make searching for and accessing that content seamless across devices. The".



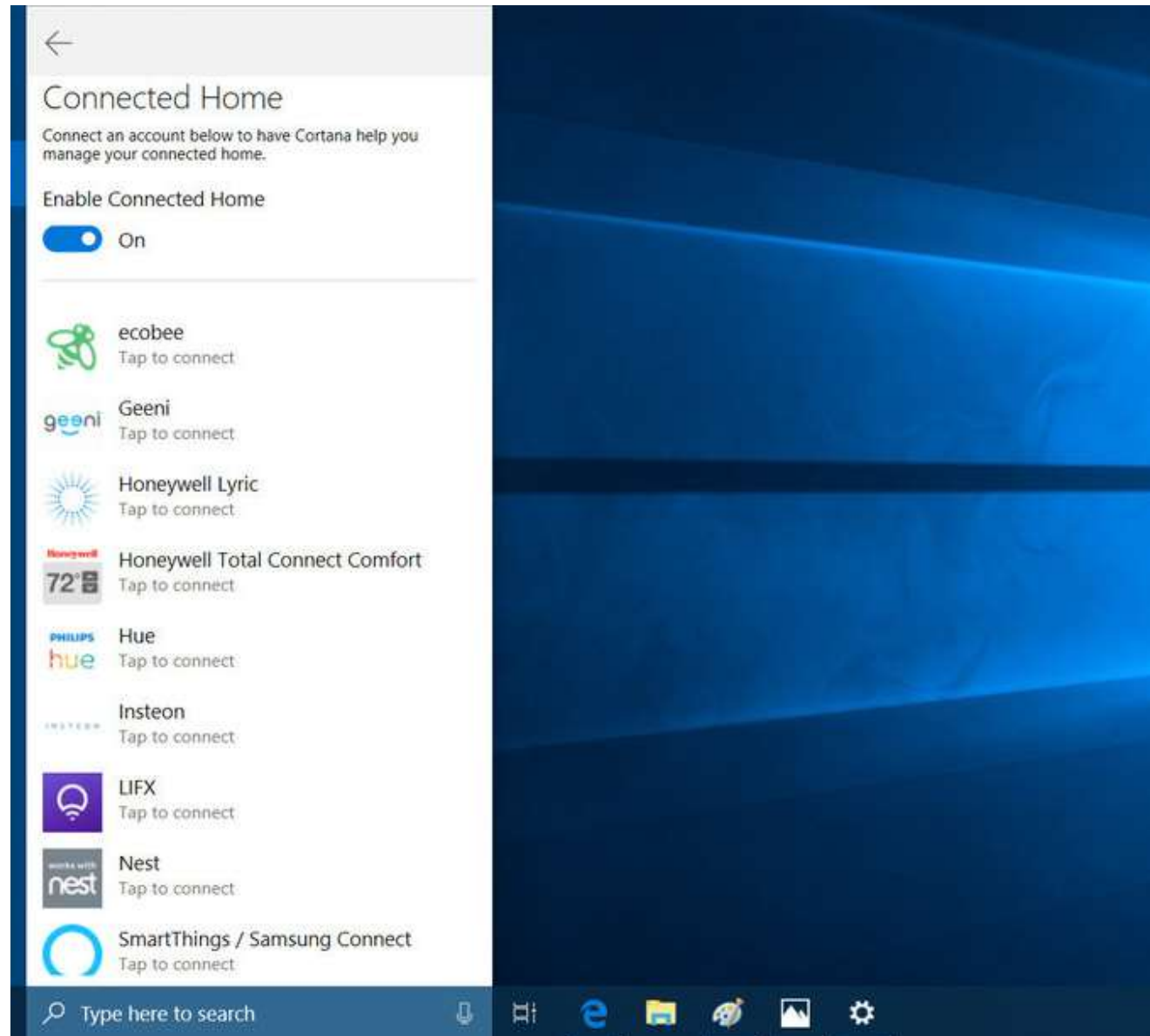
Current Topics

- Windows 10 April 2018 Update
 - Timeline - (Windows key + Tab)
 - Nearby Sharing (Windows AirDrop)
 - Focus Assist
 - Dictation Anywhere
 - Edge Browser Improvements



Current Topics

- Windows 10 April 2018 Update
 - Timeline - (Windows key + Tab)
 - Nearby Sharing (Windows AirDrop)
 - Focus Assist
 - Dictation Anywhere
 - Edge Browser Improvements
 - Cortana Smart Home integration with Hue, Ecobee, Nest, Honeywell



Home Protection – Why should you care?

Home Protection - Things To Consider

- Remote Monitoring
 - Alerts (what are you going to do when you get one?)
 - Recorded video
- Smart Door Locks
- Home Sensors
 - Open/close
 - Motion
 - Smoke
 - Water



Things To Consider

- Smart Garage Door
- Smart Cameras
 - Remote viewing
 - Motion detection
 - Facial recognition
 - Recording
- Complete Home Automation



DIY vs Professional Installation

- Power and/or signal wiring
 - POE (Power Over Ethernet)
 - Battery power
 - Solar
- Wireless
 - Wi-Fi
 - RF
 - Insteon
 - Zigbee
 - Z-Wave



DIY vs Professional Installation

- Outdoor
 - Waterproof
 - Weather “resistant”
- Propriety system vs standard protocols



Product	ADT Pulse	Vivint Smart Home	SimpliSafe Home Security System	Protect America Home Security	Wink Lookout	Frontpoint Home Security System	LiveWatch Plug & Protect IQ 2.0	GetSafe Home Security	Nest Secure	Abode Home Security Starter Kit
	SEE IT	SEE IT	SEE IT	SEE IT	SEE IT	SEE IT	SEE IT	SEE IT	SEE IT	
Lowest Price					Available at		Available at	Available at		
Editors' Rating										
Upfront Costs	Start at \$49	Start at \$549	Start at \$229.96	Varies	Start at \$199	Start at \$99.99	Start at \$99	Start at \$249	\$499 as tested	Start at \$299
Monthly Fees	Start at \$28.99	Start at \$39.99	Start at \$14.99	Start at \$19.99	N/A	Start at \$34.99	Start at \$29.95	Start at \$35	Start at \$24.99	Start at \$10
Monitoring Contract Required	✓	—	—	✓	—	✓	✓	✓	—	—
Professional Installation Required	✓	✓	—	—	—	—	—	—	—	—
Cellular Backup	✓	✓	✓	✓	—	✓	✓	✓	✓	✓
Power Outage Backup	✓	✓	✓	—	—	✓	—	✓	✓	✓
Environmental Sensors	✓	✓	✓	✓	—	✓	✓	—	—	✓
IFTTT Support	—	—	—	—	—	—	—	✓	—	✓
Z-Wave/ZigBee Compatibility	✓	✓	—	✓	✓	✓	✓	✓	—	✓
Voice Assistant Compatibility	Amazon Alexa	Amazon Alexa, Google Home	None	None	None	Amazon Alexa	None	Amazon Alexa	None	Amazon Alexa

Getting Started

- Arlo Cameras
 - 1080p HD Video
 - Motion and Sound Detection
 - 2-Way Audio
 - Night Vision
 - Free Cloud Storage
 - Local Backup Storage
 - Smart Security Siren
 - Plays well with Others
 - 130 degree Viewing Angle



Arlo Outdoor with Wi-Fi & Solar Power

\$80 with panel and mounting hardware



INSTEON

SWITCHES, KEYPADS, PLUG-INS & OUTLETS

SENSORS

CAMERAS

SAVE! MULTI-PACKS

SAVE! FACTORY REFURBISHED

NEW

Smart DEALS

Our best deals now in one place

SHOP NOW

HOW DOES INSTEON WORK

GET INSTEON INSTALLED

LEARN

SHOP BY CATEGORY



Smart Hubs & Kits



Smart Lighting



Appliance & Outlet Control



Smart Thermostats



Getting Started

Smarthome.com

SMART DEALS

Smart DEALS

OUR BEST DEALS now in one place



Getting Started

- Nest Family (backed by Google and Google Assistant)
 - Thermostats
 - Cameras
 - Doorbell
 - Alarm system
 - Lock
 - Smoke + CO alarm

Getting Started

- Video Doorbell
 - Ring Video Doorbell Pro– Very popular but very mixed installation results
 - Nest Hello
 - August Doorbell Cam Pro
 - Skybell HD



Integration	Amazon Alexa, IFTTT, Nest	Amazon Alexa	Amazon Alexa, IFTTT	Amazon Alexa, IFTTT, Nest	Amazon Alexa, IFTTT	N/A	N/A	N/A
Field of View (Degrees)	180	120	160	160	160	180	180	150
Video Resolution	1080p	720p	1080p	1,600 by 1,200	1080p	1080p	720p	1,600 by 1,200
Photo Resolution	1080p	720p	N/A	1,600 by 1,200	N/A	1080p	N/A	1,600 by 1,200
Storage	Cloud	Cloud	Cloud	Cloud	Cloud	Cloud	Cloud	Cloud
App	Mobile	Mobile	Mobile	Mobile, Web	Mobile	Mobile	Mobile	Mobile
Notifications	Push	Push	Push	Push	Push	Push	Push	Email, Push
Alarm	—	—	—	—	—	—	—	—
Digital Zoom	—	—	—	✓	—	—	—	—
Night Vision	✓	✓	✓	✓	✓	✓	✓	✓
Two-Way Audio	✓	✓	✓	✓	✓	✓	✓	✓
Mechanical Pan	—	—	—	—	—	—	—	—
Mechanical Tilt	—	—	—	—	—	—	—	—
Read Review	SkyBell HD Review	August Doorbell Cam Pro Review	Ring Video Doorbell Pro Review	Nest Hello Review	Ring Video Doorbell 2 Review	Zmodo Greet Pro With Beam Review	Ring Video Doorbell Review	Wisenet SmartCam D1 Video Doorbell Review

What Does The Future Hold?

- Drones and “yard detection”
- Smart detectors and surveillance
- Automated Neighborhood Watch



**NOT SURE IF DOORBELL IS
BROKE**

**OR
THEY'RE JUST IGNORING ME**