

What's happening in Technology

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Internet of Things (IoT)

facebook

Facebook's Portal TV – a video chat set-top box hands-on with clip-on smart camera

Device with smaller smart screen with auto-zooming AI camera, in-house voice assistant speaker, Alexa, Spotify, Amazon Prime Video, Messenger video chat and end-to-end encrypted WhatsApp video calls

Apple Inc.

Apple watch with built-in camera

The Tech giant has received patent for a smartwatch band with adjustable built in camera and optical sensor which will be available sooner on market

NORTH

Focal Smart Glasses

"Focals" – the smart glasses launched by North comes with a personal heads up display, calendar, weather, navigation and built-in Amazon Alexa

holoride

Audi spun out the virtual reality company, Holoride

Audi announced the plan of letting Holoride grow outside of it and make deals with other VR companies. Holoride – the startup building a virtual reality solution for vehicles that entertains and reduces motion sickness.

musiclens

Glasses play tunes through your cheekbones

MusicLens – introduces a smart glasses with bone conduction speakers for listening to music on the go



Mobility

01: Change in Android version naming & coloring

Google is breaking its 10-year history by changing terminology of Android releases from dessert names to version number. Also, logo is getting color change from Green to Black to aid people with visual impairments

02: WhatsApp Business's Catalogs

Messaging giant planning to introduce 'Catalogs' feature for enterprises to showcase their photographs on various products/services for potential customers to explore



03: AI-enabled 'Photoshop Camera' for smart-shooters

Adobe provides Photoshop Camera for smartphone users to capture, edit and share photos or moments using real-time Photoshop's powerful tools and effects

04: Google's acquisition of Fitbit

By acquiring Fitbit, Google enters into wearable technology space and accelerate innovation in wearable category, scale faster and make health even more accessible to everyone

05: Reels – to become a rival for TikTok

Instagram to introduce "Reels" – which can become rival for 'TikTok' by allowing users to create 15-second video clips, set music and share stories to Close Friends or group or via Direct Message

Artificial Intelligence & Machine Learning



01. Facebook & Tesla to read its Customer Minds

- Social Media giant announced on creating a device to read people's brainwaves which allows to type by thinking.
- Tesla to develop Neuralink – a brain implant to connect people's minds directly to computer.



02. Robots recognizes Human Emotions

- Researchers from Warwick Business School, University of Plymouth, Donders Centre for Cognition and Bristol Robotics Lab confirms based on the study that robots can be trained to recognize human emotions via movements



03. Sensel's Interaction, evolved

- Company plans to tie-up with touchscreen display makers
- Introduces innovative technology of pressure-sensitive display which can work underwater



04. Apple to take-up Augmented Reality

- The tech giant to release AR headset in 2022 and AR Glasses in 2023
- Announced AR headset – speculated to resemble an Oculus Quest with high-resolution eyepieces
- AR glasses – expected to resemble high-end sunglasses with thick frames to house battery and processors.



05. Samsung's entry in Robotics

- 'Samsung Bot' – the next-generation AI projects
- Bots for home care and "functional" social

Privacy and Security

Amazon, Xiaomi and Samsung fail ethical hacking

Fluoroacetate—a dual member team of white-hat hackers successfully hacked Amazon Echo speakers, Xiaomi Mi9, Samsung and Sony smart TVs at the Pwn2Own hacking contest and won cash rewards



Google's change of Algorithm

Taken a "biggest leap forward" in years with search algorithm. Google has made latest refinement with machine learning to improve handling of conversationally phrased English-language requests



Google announced on identifying and badging websites that loads slowly. Chrome team is in process of exploring how to identify sites that loads slowly based on device hardware or network connectivity



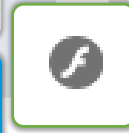
Slow sites to be flagged

Apple's web login – privacy challenge to Google and Facebook?

Tech giant comes up with "Sign in with Apple" to drawing a contrast with rivals by stressing protection of users' information and tighten controls on location tracking

Google to end Flash contents

With internet's farewell to multimedia platform, the Google along with Microsoft, Apple and Mozilla plans stops its support for Flash content in searches.





► Collaboration

Facebook to reinvent digital money

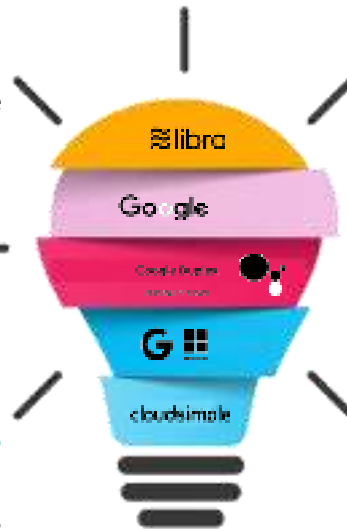
Facebook's Libra cryptocurrency – planned for launch early next year will be more like PayPal than Bitcoin designed to ease usage for everyone

Google Duplex – an AI powered tool

Duplex artificial intelligence tool – available on web and mobile, assists users to look up showtimes and make booking in their area. Google plans to expand service on booking system like car rentals

Google's acquires CloudSimple

With the acquisition of US-based CloudSimple, the Tech giant plans to strengthen its cloud business even further. CloudSimple allows companies to run computing workloads based on VMware's server virtualization technology



Google's Checking account service

The search engine giant to launch a checking account service next year in a collaboration with Citigroup and credit union in Silicon Valley. This move of internet titans would increase traffic for online financial transactions and e-commerce

Microsoft service to integrate with google

Microsoft has started testing and integrating Google's services into Outlook.com webmail client. Once linked, Google's services automatically get displayed within Outlook.com on web



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