IFUSION

The iFusion is an integrated communications docking station for the Apple iPhone. Combining the capabilities of many top-selling iPhone accessories into a single device, the iFusion utilizes built-in Bluetooth technology, a full duplex speaker phone and a patented ergonomic design to deliver superior voice quality that meets the requirements of today's home and business consumer.

The cradle design of the iFusion supports the iPhone 3G, 3GS and 4G, providing a means to securely dock the phone while supplying power, battery charging and data synchronization via an integrated USB cable. With support for A2DP Bluetooth streaming, users are able to enjoy their favorite iPhone music over the internal speakerphone and it iscombined with a mobile UC app, the iFusion eliminates the need for a separate phone – in both the home and corporate office.

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ANY BODY CAN DANCE

A team of cheerleading robots made their dancing debut in Tokyo on 25th Sept 2014 as creator Murata Manufacturing demonstrated its cutting-edge sensor technology. With curtains pulled back and Japanese pop music pulsing in the background, 10 doll-like robot girls with illuminated pom-poms rolled out onto a stage to perform their choreographed routine. The cheerleaders stand just 36 centimeters (10 inches) tall with matching bob hairstyles that hide the complicated machinery inside their heads.

The Robots have three main technical features-

- **The First is Inverted Pendulum Control Technology to maintain Stability**- It equipped with three Gyro-Sensors to detect Pitch, Roll and Yaw for 360 degree control. These sensors are also used for Camera Image Stabilization & Car Navigation.
- **The Second one is Synchronization-**It equipped with Group Control Technology to perform group task in unity to achieve beautiful formation without collisions, a host computer calculates the next position of each robot and then sends commands to each one. The result is a magnificently beautiful formation.
- **The Third Feature is Ultrasonic Measurement of positions using Sensing and Communication Technology-** The head of each Robot contains 5 ultrasonic microphones and 4 infrared sensors, two transducer beacons simultaneously emit ultrasonic waves and infrared light. Since light and sound travel at different speeds, distanced can be detected according to the times that the reflected signals return to each robot. Ultrasonic Sensors are also used for backup camera in vehicles, in robots the sensors identify the respected positions to be identified in real time.

GOOGLE TO WORK WITH INDIAN GOVERNMENT ON DIGITAL LITERACY AND OTHER INITIATIVES

Google has extended its services to help, what it claims, is "Prime Minister Narendra Modis' vision towards a digital India where every Indian will have a digital identity." Google has announced a few initiatives in collaboration with the Department of Information and technology.
In addition to these, digital literacy and Internet safety will also be encouraged by introducing curriculums for schools and govt. officials.

R.S.Sharma, Secretary of the Department of Information Technology said "The Digital India Program has been launched with the vision of transforming India into a digitally empowered society and knowledge economy. It can truly transform India and bring it on par with other developed countries. I'm happy Google is coming forward to roll out initiatives that will contribute to the Digital India vision. I'm sure others will come forward and join this moment."

Google is also working with the I.T departments of state governments as well for these initiatives. Google will also work closely with the Government of India to make the idea of Mobile Governance a reality

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<u>IT NEWS</u>

<u>Apple is now 5th largest PC maker in the world</u>

Apple's Macbooks had a strong back-to-school showing last quarter, as the company hit fifth place in IDC's global PC shipment charts.

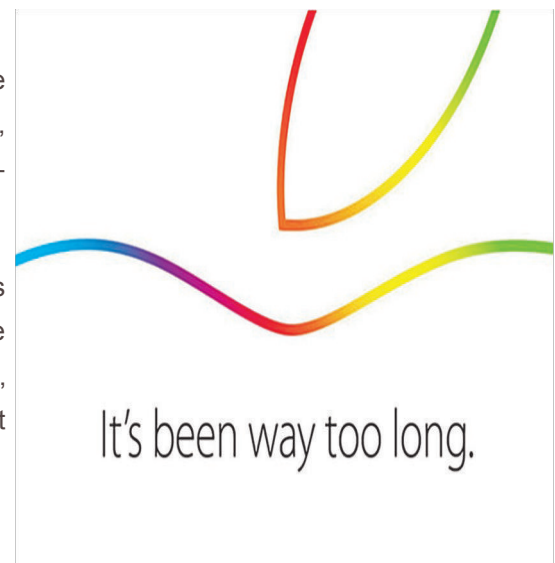## <u>Dell appoints server chief in leadership shuffle</u>

Dell has appointed a company veteran to run its server unit following the departure of an executive known for his strong opinions.
Ashley Gorakhpurwalla was promoted to vice president and general manager of Dell's Server Solutions unit. He is responsible for planning, development and delivery of server

<u>Apple will webcast Oct. 16 iPad event</u>

Apple will live webcast the Oct. 16 news conference where it's expected to introduce new iPad tablets, launch the OS X Yosemite operating system and perhaps tout refreshed Macs.

This will be the third year running that Apple webcasts its fall iPad introduction, following the unveilings of the iPad Mini in 2012 and the iPad Air in 2013. Webcasts, while not rare, are unusual for Apple, which does not publicly broadcast all of its product launches.

It's been way too long.

IT NEWS

Microsoft is developing a killer meeting-room app

The app, which Vanity Fair dubs "Meeting Room Plus," would do everything that needs to be done, from sharing notes to videoconferencing, without having to pause to open something else up.

AMD replaces CEO with chip veteran Lisa Su, surprising analysts

AMD has struggled financially in recent years but has had some bright spots with its chips now going into the Xbox One and PlayStation gaming consoles. The company is trying to hold on to market share in its bread-and-butter PC market but has reshaped its server road map around ARM processors. AMD is also making custom chips for clients as it tries to reduce its reliance on the declining PC market.

Facebook open-sources its Chef cookbooks

"We use [Chef] for managing the OS and configuration for everything from middleware all the way down the system for our entire fleet," Dibowitz said. This includes configuration of the operating system and middleware layers and package installation.

Accessible on GitHub, the two cookbooks released are for running scheduled jobs and for system controls, including setting up defaults, adding new system controls, and changing existing ones. Chef shops running a lot of servers can scale their infrastructure by using Facebook's tools. "The upside is that it sets you up to scale incredibly well, but the downside is that it's a different model from the way a lot of people use Chef," Dibowitz said.

Facebook also has released its Taste Tester testing framework and re-released its Grocery Delivery tool, which watches a source code repo, such as Git, and keeps the local Chef server in sync.

Alphabet taught to kids nowadays

Education is not learning the facts, but training of the mind to think

-Albert Einstein

What can you catch but not throw -A cold.	Give me food, and I will live; give me water, and I will die. What am I? -Fire	Chief Editor-Prof.(Dr.) V.B. Aggarwal. Editors:-Ms. Prerna Singh. Ms. Aakanksha Chopra Ms. Natasha Narang Student Coordinators:- KunalGoel (BCA-V, IInd Shift) Manish Sajwan (BCA Ist Sem Ist Shift)