



FH MONDAY

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IBM extends IoT platform with ARM

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Smartphone app yields fast 3D scans

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Intel to Lead \$100 Million Investment into Mirantis

Intel Corp. is stepping up its support for free software designed to help companies achieve the kinds of benefits offered by cloud services from Amazon Inc., Google Inc. or Microsoft Corp.

The big chip maker on Monday plans to announce its lead role in a \$100 million infusion into Mirantis Inc., which sells a subscription version of the open-source software OpenStack. Intel, whose venture-capital arm first invested in Mirantis in 2013, is contributing, along with other investors, to a \$75 million funding round. The company also is committing additional money to finance future technology development by the Silicon Valley startup.

Spectrum management tech targets enterprise 5G Wi-Fi APs

Broadcom Corp. has introduced what it touts as the industry's fastest and most accurate spectrum management technology for enterprise 5G Wi-Fi access points. According to the company, AIR-IQ enables OEMs to design enterprise access points, particularly for high-density environments, with advanced WLAN air management capabilities to guarantee a reliable Wi-Fi experience.

As Wi-Fi becomes the primary connectivity source in businesses, there is a growing demand for uptime and service level agreement guarantees for a range of enterprise demanding applications across every major industry. Broadcom's AIR-IQ technology combines the best of silicon and software to provide carriers with the ability to detect and mitigate interference to deliver an exceptional and reliable connectivity experience, stated the company.

IBM extends IoT platform with ARM

IBM has announced that it has added ARM's mbed in order to expand its Internet of Things platform. "IBM is mbed with ARM" means that ARM's IoT cloud interface for microcontrollers, called mbed, now dovetails with IBM's IoT Foundation.

It's all made possible by virtue of IBM already purchasing and installing ARM servers to run among its Power servers in IBM's Bluemix cloud Platform-as-a-Service (PaS). Together ARM and Power servers will provide device management, run analytics in real-time so archives are not just raw data, and guarantee security with sophisticated deep risk management for any number of IoT devices.

Smartphone app yields fast 3D scans

Microsoft Research has developed an app that can turn a smartphone into a 3D scanner, without requiring any extra hardware or Internet connection. The MobileFusion app allows instant 3D scans to be created using any smartphone, and may soon be as quick and easy as texting or making a phone call.

The scans are high-quality enough to be used for things such as 3D printing and augmented reality video games, according to a report from Tech Times.

"What this system effectively allows us to do is to take something similar to a picture, but it's a full 3D object," said Peter Ondruska, a PhD candidate at Oxford University who worked on the project while he was an intern at Microsoft Research.