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TECHNOLOGY INSIDER

"The latest in technology news, trends & tips for business"

'IoT' - The Internet of Things. A $6 Trillion Market.

According to Wikipedia, "The internet of things (IoT) is the internet-working of physical devices, vehicles, buildings and other items—embedded with electronics, software, sensors, actuators, and network connectivity that enable these objects to collect and exchange data." As of 2016, the vision of the internet of things has evolved due to a convergence of multiple technologies.

Kevin Ashton, cofounder and executive director of the Auto-ID Center at MIT, first mentioned the Internet of Things in a presentation he made to Procter & Gamble in 1999.

The Internet of Things (IoT) Revolution is picking up speed and it will change how we live, work, and entertain ourselves in a million ways big and small.

- "Smart mirrors" will allow consumers to try on clothes digitally, enhancing their shopping experience and reducing returns for the retailer

- That brand new car that comes preloaded with a bunch of apps. Those smart home devices that let you control the thermostat and play music with a few words. That fitness tracker on your wrist that lets you tell your friends and family how your exercise is going or help your doctor make better health decisions (and capture discounts on health insurance).

- Assembly line sensors will detect tiny drops in efficiency that indicate critical equipment is wearing out and schedule down-time maintenance in response

- Agricultural equipment guided by GPS and IoT technology will

iOS 10 - What's New?

- **Improved blocking of advertiser tracking** - 'limit ad tracking' will block your IDFA number which is how advertisers track iOS users based on demographics and interests
- **Unsubscribe email link** - In the Mail app, an unsubscribe link automatically shows up at the top of every message from a mailing list. (I LOVE THIS ONE!)
- **Photo search with facial recognition** - Albums has a new 'people' section to see all photos in one place
- **Create widgets to your favorite apps** to access from the Lock Screen
- **More visual messaging app** - Emoji's are more interactive. Videos or URL links turn into a visual preview. Apple music tracks can be played from the message.
- **Siri is integrated with third party services** - Voice commands for apps such as Lyft, LinkedIn, Pinterest, etc..
- **Voicemail transcription** - Turn voicemails into text
- **Option to remove the native app icons**
- **Quicktype** - Intelligent auto-responses and multilingual keyboard with suggestions based on the language you are typing
- **Live photo editing and stabilization**
- **Proactive navigation in Maps & 3rd Party Extensions** - Find a Restaurant & make reservations without leaving Maps.
- **Change flashlight intensity**
- **Split window view in Safari (iPad only)**
- **Launching the camera won't disable your music**

soon plant, fertilize and harvest vast croplands like a giant Roomba while the "driver" reads a magazine

From agriculture to defense, retail to healthcare, everything is going to be impacted by the growing ability of businesses, governments, and consumers to connect to and control their environments:

- IoT devices connected to the Internet will more than triple by 2020, from 10 billion to 34 billion.
- IoT devices will account for 24 billion, while traditional computing devices (e.g. smartphones, tablets, smartwatches, etc.) will comprise 10 billion.
- Nearly $6 trillion will be spent on IoT solutions over the next five years.
- Businesses will be the top adopter of IoT solutions because they will use IoT to 1) lower operating costs; 2) increase productivity; and 3) expand to new markets or develop new product offerings.
- Governments will be the second-largest adopters, while consumers will be the group least transformed by the IoT.

In this evolving landscape it becomes increasingly critical to work with a trusted technology advisor that will implement the technology solutions which are most aligned to your company's uniques business operations and goals.

Call BoxMeta today to sign up for our FREE Technology Assessment
904-229-0922

7 Apps Every College Student Will Appreciate:

CamScanner - Take pictures of homework in sequence to consolidate into a single PDF

Slack - Has become the communication & collaboration tool of choice, eliminating email, for college teams, associations and groups across university campuses

Sidewire - Like the Twitter of politics, it lets conversations from people who's opinions matter to you, float to the top.

Brainscape - Creates smart digital flashcards or choose from thousands of existing flashcards by publishers, teachers and students.

Evernote - Most popular app for note taking, to access anywhere.

Fantastical 2 - Calendar app displays a traditional five day calendar with scrolling list of your upcoming events, to quickly scan your schedule. Great for tracking homework and assignments!

GroupMe - Can mute alerts from specific chats/group chats to avoid the intrusive notifications. Easier to attach links and media.

Business Briefings

Naturally successful people "sprint," then relax. An American schoolteacher who moved to Finland in 2014 was skeptical of the Finnish practice of giving students 15 minutes of free time every hour. Until he tried it. He was astounded when they went from dragging their feet to having a bounce in their step and more focus in their studies. The makers of DeskTime, a software that tracks employee time use, studied the habits of the most productive 10% of their 36,000-employee user base. The surprising results? They work for 52 minutes then break for 17 on average. They treat the 52 minutes like a sprint. During the break they tend to go for a walk or tune out, rather than checking e-mail or Facebook. *Reader's Digest, "Naturally Successful People Do These 5 Things At Work Every Day"*

Samsung Galaxy Note 7 going up in flames?

There are 35 cases reported so far of Samsung Galaxy Note 7 smartphones going up in flames, literally. As a result, Samsung are recalling 2.5m units, in 10 different countries, including the United States. There is an issue with the batteries from only 1 of their 2 suppliers. Airlines and the FAA have banned or issued strict guidelines with regard to the phones. In addition to the millions that it will cost the firm in recall costs, the company has lost more than $25b in stock market value over the last 2 weeks. Ouch!

Make Way for Self Driving Cars - Fact not Fiction –

Self-driving cars are no longer a futuristic idea. Companies like Mercedes, BMW, and Tesla have already released, or are soon to release, self-driving features that give the car some ability to drive itself.

Tech companies are also trying to pioneer the self-driving car. Google is testing its prototype of a driverless car on roads in California.

In the UK, KPMG estimates that self-driving cars will lead to 2,500 fewer deaths between 2014 and 2030.

Analysts predict there could be as many as 10mm cars with some degree of self-driving capability on the roads by 2020.

Virtual Reality - Useless gimmick, or valuable marketing tool for your business?

According to Piper Jaffray, there will be $5.4 billion worth of virtual reality devices on the market by 2025. Think VR is some far-fetched future techno-dream? Pull out your smartphone and check out "Monocle" feature on the Yelp app.

The uses for small business are limited only by imagination. A roofing company, for instance, could give their customers a live virtual tour of their roof, demonstrating its condition and places where they need to replace shingles – *without* having to climb up on it. A roofer could also show a prospect what various colored shingles would actually look like on the roof by placing a hologram on it. *-MarketingLand.com*

Are Your Passwords Hacker Proof?

With all of the passwords that we need to remember on a daily basis, it's overwhelming and no wonder that we find the same risky practices, over and over..

Do any of these sound familiar?

- I use the same password for most things
- I have my passwords taped to my monitor
- I love to use the 'remember password' option on sites / my computer
- My email and/or computer password never change

Creating secure passwords is not as difficult as it seems. Here are some Do's & Dont's on how to create and remember hacker proof passwords:

Do NOT:

- Use the same password for multiple sites
- Use the names of friends, family members, pets, birthdays, etc..
- Use post codes, house numbers, phone numbers, birthdays, social security #, etc.
- Use dictionary words. Bots can crack dictionary words in a blink of an eye. For Ex: P455word, L3t$$peak, etc..
- Select the 'remember password' option.

- Use Public Wifi to access email or sites with sensitive information. Hackers can capture your passwords and key strokes.

DO:

- Minimum 8 characters
- Combination of Lower Case, Upper Case, Numbers and Symbols
- For extra security, use a Phrase. (For Ex: MFTis-Ch@rger$ translates to My Favorite Team is the Chargers). To keep passwords unique, add a web site identifier to your phrase. (For Ex: Your Netflix password = NFMFTis-Ch@rger$)
- Random word combinations (For Ex: Pi33a-unet)
- Use a Password manager. The more common are KeePass, and LastPass. EXCLUDE your email, banking or most sensitive passwords. No site or product is 100% secure. Keep those in the vault above your shoulders. ***Remember, if someone can get to your email they can reset your site passwords.
- *MOST IMPORTANT:* Use 2 Factor Authentication whenever possible especially for financial and banking sites. If someone gets hold of your email and resets your password, they still won't be able to log in without the 2nd step verification.

Join Us for a FREE Breakfast Seminar
Cybersecurity: What Are The Top 5 Security Threats?
Protect Your Company, Client and Personal Data
Wednesday, September 28th
Time: Registration @ 8:15am / Seminar: 8:30am - 9:30am
Location: 3020 Hartley Road, 2nd Floor
Jacksonville, FL 32257

You Will Learn:
- The risks of mobile and cloud computing
- The #1 security threat to your business is not what you think...
- A SHOCKING truth about bank fraud that most businesses don't know
- Why firewalls and anti-virus software give you a false sense of security