These Are the (An)droids You Are Looking For

Predicting Human Behavior Based On Big Data - A Gold Mine for Businesses and Organizations
Valentine’s Date Not to be Missed!

By: Ann Gallaher, COO, Technology First

Over the years that we have co-hosted the Digital Mixer with Wright State University and Sinclair Community College we have strived to have a “networking” feel to the event rather than your typical career fair. You know like a cocktail party without the cocktails.

The Digital Mixer was initiated to informally introduce current technology students to the local IT industry and potential future employers. Every year nearly 40 employers and hundreds of students have converged on the Apollo Room in Wright State’s Student Union to socialize and circulate.

On February 14th, students from Cedarville University, Sinclair Community College, University of Dayton, Clark State Community College, Wright State University and many others will participate in this unique student and professional networking event. No company booths or banners will be set up – just a room filled with conversation about the Dayton IT industry.

Technology First - with staff leadership from the Wright State University Soin College of Business - work together to organize and host this worthwhile program. Employers don’t necessarily need to be looking for interns or interested in hiring graduates but are asked to send IT professionals at all levels and from multiple technical specialties to meet and greet students interested in learning more about continuing their IT careers in Dayton. For those employers proactively hiring interns or new grads - resumes will be provided featuring those students interested in possible job opportunities.

The Digital Mixer in conjunction with the Robert V. McKenna annual scholarship program - both sponsored jointly with Technology First - work together with employers and universities to retain outstanding students. Mark your calendar for February 14th, 2013. This is an event not to be missed!
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Confessions of an Apple Fanboy

By: Greg Lloyd, Afidence

Let's get this out of the way: I deeply admire Apple. No -- I love Apple. To my friends I am "The Apple Guy," and to my Android loving brethren, I represent everything they hate. I stand in line for hours to purchase Apple's latest creations, buzz with electric excitement the morning of an Apple announcement, I sport hipster glasses and I drive a Prius. I have been told that I look like an "Apple guy," even before someone knows my affiliation. Steve Jobs is my guru, and I'm not embarrassed to admit it.

So what could have turned me to the Dark Side? What could have compelled me to even consider purchasing an Android device as my daily driver? Plain and simple -- boredom. No matter how often a new iPhone is released, it's essentially the same product. The 2011 release of the iPhone 4S was a bit of a letdown, with the same iPhone 4 body, and usual iOS interface. Heck, you can only eat filet mignon for so long before hamburger begins to look pretty good.

I have actually had the taste for Android building on my tech palate for a while. My secret Android desires began when I started to become frustrated with Apple's modal notifications. iPhone text messages and notifications ceased all onscreen action, grabbing your entire attention, forcing you to respond or dismiss regardless of what you were doing. An important work email? BAM! -- an app notification that your friend just whomped your high score in Doodle Jump! An urgent text message regarding your ailing family member? POW! -- a Facebook post from cousin Eddie asking if you could send that corn dog recipe! Apple's notifications were severely cramping my style, where Android's powerful yet subtle system was done properly from the start. Larger screens and different form factors worked their way into my subconscious too, and I became Android curious.

Before I would ever consider purchasing an Android device -- just to see what it's like, mind you -- I had several requirements that had to be fulfilled:

- I wanted a pure Android device, which Google calls their Nexus line of phones. A key argument against Android is that each phone is so different. I had seen what Samsung, HTC and Motorola made of the Android interface, and I didn't much care for their sensibilities. Plus, I wanted to compare apples to Apple (pun intended), so it would have to be a pure Android device, or nothing.

- The phone had to be comparatively cheap. Nexus devices are the technical leader among their Android peers, meaning that they have the best hardware, and a price to match; starting at an unsubsidized price of $500.

- I didn't want to purchase a new line, or start a contract with a new carrier, so it had to come unlocked.

Everything Falls Into Place

At Google's 2012 developer conference, Google I/O, they announced the latest update to Android, code named Jelly Bean. To drive adoption of Jelly Bean, Google lowered the price of their latest Nexus phone, the Samsung Galaxy Nexus, to $350, selling it completely unlocked. With all of my requirements met, and with my iOS boredom growing by the minute, it was time to strike. There was a complication, however; Apple was granted an injunction, ceasing all sales of the Galaxy Nexus. Perhaps Apple had sensed my iPhone agitation? In a week's time Google wormed its way out of Apple's legal stranglehold, and the Galaxy Nexus was on sale again. This back-and-forth of availability made the purchase seem even more the forbidden fruit, and I excitedly made the purchase, wondering if it would show up at all.

This is the point at which I began to feel like the unfaithful husband. I had anxiously flirted with the idea of another, and now I had committed to a date. What will my friends think? What about my co-workers who hold me as their go-to Apple guy? And worst of all, what will my wife think? I am her tech guy, and she's my greatest defender, so what is she going to say when I tell her I bought the competition? A few days after the purchase is when I let it slip and she was, as I should have expected, very supportive. So supportive that we decided to make this a double experiment, selling her iPad 2 and replacing it with a Galaxy Nexus 7. These were daring times, indeed.

The Fun Begins

My first Google purchase experience was similar to those with Apple. I was given a wide arrival date, 1 to 2 weeks, and the device shipped in 5 business days. I was delighted to see it awaiting me on my doorstep. Like my Apple purchases before it, I quickly opened the package and admired the hardware. The Samsung Galaxy Nexus really is a beautiful phone. Picture a large, black curved slab of glass which is extremely light for its size. In fact, it's so light that the weight is the first thing everyone notes when holding it for the first time. The phone slipped coolly in and out my back pocket, negating any worry that it might be too large. Unlike the iPhone, you couldn't really see the edge of the screen when turned off. It truly appeared a borderless monolith. Cellphone tech felt cool again, and I was leading the pack. But of course, all good things must come to an end.

As beautiful as the phone may be to the eye, it is cheapened by the plastic snap-on back cover; it smacks of high tech meets Playskool. To insert a SIM card into the phone you must literally pry the back off of the Nexus. This means the phone requires an un-supplied companion tool. A hint to Samsung: Butter knives should never be a required accessory. Once open, the inside consists of a SIM clip and battery. I attempted to insert my iPhone micro-SIM, and much to my chagrin, no dice.

After setting the battery it was time to close up the interior; again, a herculean feat by tech measures. Placing the backing on the phone was more difficult than removing it. Small plastic clips must be inserted into barely viewable holes. Any average person immediately gets what is required, which is what makes reapplying the back so frustrating - you just can't do it the first time without having to remove it and try again. With my excitement quickly fading, I hoped that Google's new operating system, Jelly Bean, would make up for the loss in the hardware department.

The Software - The Good, the Bad and the... UGH

Like Windows before it, Android sates the anxiety of its user during boot up. Upon boot, you are greeted with an animation. A little choppy, it nonetheless communicates that something is happening. Comparatively, the iPhone simply presents a reflective Apple logo -- cool, but it provides no feedback to the user that something is happening. Once I made it to the home screen I was presented with a set of widgets and icons. Like the iPhone, the typical phone, mail and text messaging icons were available. Although the layout was slightly different, any iPhone user would feel comfortable navigating the interface.

At Google I/O, Google promised that Jelly Bean's interface would be greatly optimized for speed. After swiping between screens, checking out the notification menu, and reviewing the

(continued on page 5)
pre-installed apps, I failed to see the great fluidity Google had promised. Thinking something
too slow. I checked the version number of the installed OS, and it appeared that the
time Google expected the user to place their finger on
each key. It appears that Google expects you to place your finger at the bottom of the key,
where the Apple expects the top. Worse off, the keyboard's built-in dictionary is either sparse
or lazy, as words which were primarily spelled correctly were left misspelled, requiring a
careful manual reentering. With little success with the stock keyboard, I changed to Swype,
a popular third-party alternative. Swype allows you to drag your fingers across the intend keys,
instead of pecking. The result is satisfying and much more exact than the built-in keyboard.
I could really see myself getting into it, but its steep learning curve was more than I wanted,
and I switched back.

Another frustration was the odd mixture of the Android and Gmail mail clients. For instance,
why does Android come pre-stocked with two mail clients? You can certainly configure the
default mail client for Gmail; however it supports none of the mail prioritization and feature
set of Gmail, practically forcing you to use the Gmail client. This wouldn’t be a problem if you
only ever used Gmail, but like many I am in an enterprise environment, and I need Microsoft
Exchange connectivity. To use corporate mail, I configured the primary mail client for my
Exchange account. The end result is the need to think before checking or composing email.
Do I want to send a personal email, or is my email to a coworker? This required too much
thinking for something that should be so simple.

Configuring the primary mail client also plugged my Exchange data into the built-in calendar
app, which was nice, if I cared for the calendar app. Compared to the iPhone, the calendar
app is a mess, with a tiny font and sparse menus. This is one of the things that is so odd
about Android, it appears to be a mixture of good and bad ideas. Some apps and menus
look like a lot of thought went into them, but the next app or interface element looks hastily
cobbled together, as if to simply comply with a long feature list and move onto the next.
Why is this so difficult for a multi-billion dollar company?

Move Over Siri
A keen new feature of Jelly Bean is Google Now. Google Now is part Siri, part something
cool from the future. Like Siri, you can ask Google Now questions, although a bit limited
compared to Siri. Google Now provides an impressively quick response, often providing
a very direct answer. When Google Now doesn't know the answer, it provides you with a
search of results related to the question; just as if you had typed the question into Google
and hit return. This is especially great when driving, or needing the quick answer to satisfy a
question. Google seems to know what the user wants, and that's to ask a question, get an
answer and move on. Even with Siri's improvements in iOS 6, Siri seems too wrapped up
into looking for the answer and acknowledging what you said before finally providing the
answer, if it understands you at all. Apple could definitely learn something from Google here.

The Fallout
The moment of truth came merely one week after the Nexus arrived. While traveling back
from a day trip in Indianapolis, I needed directions to get to the highway. I had traveled plenty
of times with my trusty iPhone at my side, and various single-purpose GPS hardware in
the past. The perfect opportunity to put Android and the Galaxy Nexus to the test. I loaded
the popular Android Navigation app, anticipating the usual request for a street, city and
state. Instead, I was asked to wait for the GPS to lock. Waiting for a GPS to lock onto satellites
is nothing new to me, and so I wasn't too worried; but Android, like the iPhone, has the abili-
ty to triangulate itself using cell tower data in order to overcome the minutes long wait that
traditional GPSes require. Something didn't seem right, and I was quickly running out of time
before I needed a different solution. I tried resetting the destination, killing and relaunching
the app, and even restarting the phone -- all to no avail. I was running out of time, and so I
did the necessary thing -- I grabbed my wife's iPhone 4S. This is when the light turned on
for me. Familiarity of the interface aside, the iPhone simply zoomed between screens, in
one app, and out to another. I pulled up the TomTom app, ably entered my home address
without a single mistake via the onscreen keyboard, and choose "GO." No waiting, no GPS
locking messages, the iPhone simply showed me where I was, my current speed and told
me where to turn. This all seems so simple, but honestly it was an awakening for me.
The phone I want had been the iPhone the entire time. My phone boredom was quickly
replaced with respect and appreciation for a device, and I'm sorry to say this, it "just worked."

To be fair, until the arrival of iOS 6 the iPhone won't have a GPS application that provides
turn-by-turn directions, but I don't believe this was my issue. What I found important is that
the iPhone was rock solid and fast. That's what I want and need, not a lot of alternative to every
feature within a feature. I respect that many people want this, but it's my opinion that the great
majority just want a phone that gets the job done without much upgrading or side-loading.

That evening I plugged my iPhone 4S back in the charger. My morning was scheduled so
that I could easily stop by an AT&T store and pick-up a new iPhone 5 in the way to the
office. I was like a kid on Christmas. The phone just felt so fresh and new again. I was happy.

Tomato, Tomato
There are several areas where the iPhone and Android seem about on par. I found that as a
general use device, meaning just getting things done, Android really seems to meet the
iPhone toe-for-toe. As a phone, well - it's a phone. Call quality was decent, and the phone
app itself didn't seem to miss any major features. Sending texts wasn't really any different
(aside for Apple's iMessage, a steep advantage), and composing emails, regardless of which
hardware design choices, Android and the Galaxy Nexus simply give you what you want and
need, even if it's not as solid, beautiful or fast. Had I been handed this phone prior to the
iPhone's introduction, I would have said it was the most amazing device I had ever seen. This
may not be so much a matter of preference, but a matter of price and availability. Joe Blow
doesn't care what he uses, as long as it's in his price range and gets the job done, and that's
why Android is currently winning, by the numbers at least.
These Are the (An)droids You Are Looking For

Sinclair Workforce Development Program is Addressing Local Demand for Java Programming for Mobile Application Development with a New Certificate Course.

The Workforce Development Program at Sinclair Community College has been working with local businesses and organizations to bring individuals and companies in the Dayton region mobile media training with a new professional development certificate course in Java Programming for Mobile Application Development. The course focuses on the skills necessary to develop and publish mobile applications for Android devices in a 16 week program from February 21, 2013 through June 6, 2013. Students will receive hands-on computer lab training covering topics ranging from Best Practices, Object Oriented Development, Cross Platform Development, Web Applications, Installation and Setup to give participants a solid grounding in the process and theory behind Java Programming for Mobile Application Development. This is a course for those with prior programming or web development experience, as it will not cover the basics of computer science. The new program was created to address a growing need for Java developers in Dayton and the surrounding region.

Students will earn a certificate in this in-demand programming language, and have the opportunity to earn a premium level salary. Among the fastest growing IT salaries, Java Programmers experienced an average of 9% salary growth over the past year. Java Programming for Mobile Application Development will train students to take on roles such as Java Developer, Application Developer, Enterprise Application Developer, Mobile Application Developer and Android Application Developer as well as UI/UX Designers after on-the-job experience is gained. Joe Cogliano reports in the Dayton Business Journal that “Mobile application developers will see the highest [salary] increases (an average of 9 percent), as companies look for people to help build business using mobile media. In the Dayton region, the guide shows local salaries of mobile application developers expected to range from $80,693 to $116,145, in an article titled Hottest Tech Jobs Across Dayton. Salary.com reports a median salary for a senior Java developer at $92,445 in the Dayton Region. Additionally, the Technology First CIO Council Salary Survey for 2011 found that Java/J2EE Development are skills that pay at a premium rate, and the increase in salary for these roles point to a shortage of skilled workers. The low supply along with high demand for skilled individuals in the regional job market is fueling employers to compete for trained Java Developers.

Companies who train employees to become certified in Java Programming for Mobile Application Development will be able to respond to current market trends and stay ahead of the competition with this affordable course. The Dayton region will benefit from this course by training and retaining qualified individuals, and potentially grow jobs in the region by creating and supporting an educational and employment environment in this fast growing industry segment. Dayton area businesses that indicate a need for skilled Java developers include Sogeti, Teradata, Russ Hadick & Associates, Inc., CyberCoders, Cengage Learning, Macy’s, and Brooksource among others.

Since the introduction of the iPhone in 2007, marking the birth of the mobile app, there have been over 1,000,000 mobile applications developed. Mobile application development is a skill that has created over 466,000 jobs, but there still remains an educational gap between the demand for these jobs and available developers’ skills. In the article recapping the Taste of IT Keynote: The App Effect, Angela Koch of Technology First wrote “In January 2011, ten billion apps had been downloaded to mobile computing devices. By the first of July, that number climbed to fifteen billion […] we will reach a phase where everyone will have an app, much like every viable business today has a website.”

While Apple’s iPhone and iOS have dominated the market since 2007, devices running the Android mobile operating system developed by Google are quite quickly outpacing the competition. A press release from the International Data Corporation on November 1, 2012 states “The Android smartphone operating system was found on three out of every four smartphones shipped during the third quarter of 2012 (3Q12). According to the International Data Corporation (IDC) Worldwide Quarterly Mobile Phone Tracker, total Android smartphone shipments worldwide reached 136.0 million units, accounting for 75.0% of the 181.1 million smartphones shipped in 3Q12. The 91.5% year-over-year growth was nearly double the overall market growth rate of 46.4%.”

Course Information:

- **Date:** February 21, 2013 to June 6, 2013
- **Time:** 5:30 PM to 9:30 PM Every Thursday
- **Location:** Sinclair Workforce Development Facility
  Miami Valley Research Park
  1900 Founders Drive, Suite 100
  Kettering, OH 45420
- **Registration:** Visit the course website at: www.SinclairAppDevClass.com or scan the QR code below from a smartphone
- **Cost:** $2,655

For more information or questions, please call: Workforce Development Program Office at (937) 252-9787 or email workforcedevelopment@sinclair.edu.

To stay up to date on the program, follow us on Twitter at https://twitter.com/SinclairAppDev
Computer technology has become an integral part of today’s business world. It is extremely important to understand which fire suppression system would best protect your investment. Megacity Fire Protection has seen first-hand the damage that wet sprinkler systems can cause to sensitive and important assets located within a computer room. Also, Megacity has seen the success of clean agent systems in detecting and extinguishing real fires located in a computer room within seconds. This article will illustrate some of the main differences between wet sprinkler systems and clean agent suppression systems. Further, this article explains why many believe that clean agent suppression has become the best fire suppression solution for vital facilities.

“The primary objective of a sprinkler system, whether wet-pipe or pre-action, is fire control, with the goals of containing the fire to its place of origin and controlling ceiling temperatures sufficiently to prevent structural damage and/or collapse. Actuation of sprinkler systems does not occur until the temperature at the glass bulb or the fusible link of a sprinkler head exceeds its temperature rating, typically 135 Degree Fahrenheit or higher. As a result of these relatively high actuation temperatures, fires will be well-developed before the sprinkler system activates, with fire sizes of several hundred kW being typical.

This contrasts with the case of clean agent systems, where the primary objective is not control, but extinguishment of fire in its incipient stages where fire sizes may be as small as 0.1 to 1 kW. Sprinkler systems employ water, which has obvious disadvantages in application where electronic equipment is involved, require cleanup after activation, and in some cases can produce more secondary damage than the damage produced by the fire itself. Sprinkler systems are more suited for the protection of the facility itself, whereas the clean agents are more suited to the production the assets located within the facility” (Mark L. Robin, DuPont Fluoroproducts).

“The focus of fire protection has always been to limit the damage a fire can cause. Originally, the goal was to confine a fire to a city block. Today’s conventional water systems can confine a fire to a building, a floor and even a single room. With today’s technical sophistication, however, containing fire to a single area is not always enough. Critical facilities require an even higher level of fire protection. You must protect not only the building, but its contents as well -- from real assets such as people and equipment, to virtual assets such as data vital to the business.

Fortunately, there are fire protection tools that are up to the task. Clean agent suppression systems not only protect an enclosure from fire, but its contents as well. That means people, documents and equipment. Clean agent systems work on class A, B and C fires, and react quickly to extinguish fires at their earliest stages. Using early detection and rapid extinguishment, clean agent systems eliminate the fire, reduce the damage to equipment and increase the safety of the people in the fire area.

Clean agents extinguish fire as a gas, which allows them to permeate into cabinets and obstructed areas. It also makes them uniquely suited to protect the electronics hidden inside a piece of equipment - a likely place for a fire to start. By thoroughly flooding an area with a gaseous firefighting agent, even obscured or hard-to-reach fires are quickly extinguished, usually long before they are seen.

Unlike water, these firefighting agents are non-conductive and non-corrosive, making them safe to use on and around live electrical equipment. There is no residue to clean up, no lingering materials to slowly degrade equipment, and no need for an expensive disaster recovery process. Operations are back online and productive in a very short time. Clean agents are safe to use in occupied areas. Today’s clean agents are also non-ozone depleting and safe for the environment” (Fire Suppression Systems Association).

Clean agent fire suppression is the preferred solution for the protection of computer rooms and other vital facilities. As more and more facilities develop the need for clean agent technology, Megacity will continue to be a key player in installing and maintaining clean agent systems for each unique application. Fire protection is a serious business and you need a company you can trust. Megacity has installed more clean agent fire suppression systems than any other fire protection company in the Dayton area. We would be happy to speak with you about your specific fire suppression needs and provide you with more information regarding this technology. Please contact us at: www.megacityfire.com or Phone: (937) 879-5000.
Sogeti’s trend lab VINT launches its second Big Data research report “Big Social”

VINT, the trend lab of technology services provider Sogeti, announced its second Big Data research report. Entitled “Big Social,” it aims to answer the question how organizations can predict human behavior using Big Data. By making smart and quick use of huge amounts of data, organizations are gaining ever more insight into what consumers, and citizens in general, do or don’t. This insight has become so sophisticated that predictions about where individuals will be in 24 hours’ time are within reach. The predictive power of Big Data can be employed in many areas, from fraud detection to identifying where the next burglary will take place. Predicting the most intimate details of consumers’ lives which will influence their buying behavior. According to the “Big Social” researchers, our society is on the threshold of developing billions worth of efficiencies across the economy. By launching the Big Data research reports and a corresponding digital platform, VINT has also started an active dialog to promote the sharing of Big Data expertise and experience.

Beginning of the Big Data Era

The second Big Data report by VINT outlines a world where businesses and organizations are able to predict their relations’ behavior by tapping the “Big Five” data sources. The report describes these sources, which generate entirely new insights. In addition to the traditional enterprise applications as sources of data there are now at least four other data categories feeding the emerging Big Data practices of social analytics in the broadest sense of the word “social.” These categories include mobile and app data, search engine data, sensor data and semantic data (such as smart metering) and of course social media data.

“We see the beginning of a trend that will be further promoted by the deployment of new technologies, from facial recognition and anonymous analytics to brain activity scanning and “thought reading.” We are looking at billions in profits and efficiencies. Organizations are now exploring the effective deployment of Big Data and the rules surrounding data use,” said VINT Director Menno van Doorn.

Predicting Behavior

In the US a number of successes have been achieved with Big Data. San Francisco Police, for example, introduced preventive patrolling in certain neighborhoods. Officers are being deployed on the basis of 14 day forecasts of criminal activities in those neighborhoods. Data researchers employed by the Target retailing company can predict which customers are pregnant based on their buying behavior. According to this large chain of supermarkets their insight has led to a steep increase in sales.

Explosive Data Volume Growth

Globally, the amount of available data has increased exponentially since 2006. More data has been generated since that year than humanity produced in its entire history up to then. The reason is that all human activities now produce so-called digital exhaust.

Menno van Doorn explained: “Society can profit by making effective and responsible use of this digital exhaust. Big Data is now seen as the driving force of the information era. You may compare it with the start of the Industrial Revolution.”

VINT’s Big Data Platform

This second research report by VINT is a follow-up to their first report, “Creating clarity with Big Data,” launched at the VINT Symposium in June 2012. At that time, VINT also launched a worldwide interactive platform to initiate an active dialog among organizations at www.sogeti.com/vint/bigdata/questions. The launch of the second report marks the second stage of this dialog aimed at social business analytics, which is the main theme of the second Big Data research report.

VINT’s “Big Social” report was drafted by researchers Erik van Ommeren, Jaap Bloem, Sander Duivestein, Menno van Doorn and Thomas van Manen. The research blog at blog.vint.sogeti.com contains daily reports on Big Data trends and developments.

4 Big Data Research Reports

With its series of research reports VINT intends to create clarity regarding the usefulness of Big Data. Each report presents seven questions which the reader is invited to respond to. The information gathered at the digital platform and in numerous face to face conversations contributes towards the completion of all Big Data research reports. The series is to include four reports:

**Report 1 - Creating Clarity with Big Data**

This report defines the concept of Big Data and explains the differences with other data classifications. It also examines possible applications of Big Data. Published in June 2012.

**Report 2 - Big Social**

This second research report answers the question how organizations predict human behavior using Big Data and social analytics. Published in October 2012.

**Report 3 - Big Data & Privacy**

This report offers guidelines regarding privacy regulations surrounding the use of Big Data. To be published in January 2013.

**Report 4 - Big Data Business Roadmap**

This final report will focus on practical applications of Big Data. Its publication is expected in Q2, 2013.

About Sogeti USA

Sogeti USA is a premier provider of information technology services to businesses and public sector organizations. Operating in 23 U.S. locations, Sogeti’s business model is
TECHNOLOGY (CONT)

built on providing customers with local accountability and vast delivery expertise. Sogeti is a leader in helping clients develop, implement and manage practical IT solutions to help run their business better. With over 40 years of experience, Sogeti offers a comprehensive portfolio of services including Advisory Services, Application Development & Integration, Business Information Management, Engineering Services, Infrastructure Services and Testing Services. To learn more, visit: www.us.sogeti.com

About Sogeti
Sogeti is a leading provider of professional technology services, specializing in Application Management, Infrastructure Management, High-Tech Engineering and Testing. Working closely with its clients, Sogeti enables them to leverage technological innovation and achieve maximum results. Sogeti brings together more than 20,000 professionals in 15 countries and is present in over 100 locations in Europe, the US and India. Sogeti is a wholly-owned subsidiary of Cap Gemini S.A., listed on the Paris Stock Exchange. For more information please visit www.sogeti.com

For more information please contact: Nicole Scrivner, Marketing and Public Relations Manager for Sogeti USA, Tel: (937) 424-9487, Email: nicole.scrivner@us.sogeti.com

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Door Prizes for 2012 Taste of IT

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Technology First | January 2013
Member Mention

Web Platform Agreement Between Corbus, LLC and Netbiscuits

Corbus, LLC, a global supply chain and technology solutions provider, has entered into a web platform agreement with Netbiscuits, the global leader in software solutions for adaptive mobile web experiences. Corbus is now a Netbiscuits Certified Solution Partner that will market the Netbiscuits platform to current and future Corbus digital platform clients. Corbus will be responsible for optimizing websites with mobile functionality via the Netbiscuits platform along with providing client support and professional services. The combination of Corbus’ technical skills with the Netbiscuits best in class platform gives customers access to the most advanced mobile solutions on the market. Both companies’ commitment to international customers and trends resolves that all mobile devices and solutions will continue to be globally accepted in the mobile environment.

“We are pleased to have Corbus as a Netbiscuits Certified Solution partner, joining our comprehensive ecosystem of leading web solution vendors who are building alongside and off of the Netbiscuits Cloud platform,” Craig Besnoy, Netbiscuits President and Managing Director for the Americas. “Corbus is an ideal partner because they believe in the Netbiscuits platform’s ability to deliver performance and efficiency. Time and again, Corbus has demonstrated their expertise at combining their platform, design and implementation expertise at scale for global brands.”

“Netbiscuits is a company that aligns with our goals,” commented David P. Spencer, COO. “Our clients demand reliable, interactive and trendsetting mobile websites. With the Netbiscuits platform, our teams can build the mobile solutions that our clients expect. This strategic relationship along with our common goals guarantees our clients will have the most nimble and fluid mobile platform available. We partner with the best companies to deliver the best service.”

On October 4th, Corbus served as the presenting sponsor of Netbiscuits World, a yearly event that brings together mobile leaders and decision makers to discuss, present and network around the power of the mobile web. During the event, Corbus VP of Digital Solutions, Don Crawford, gave a presentation highlighting how Corbus builds and delivers mobile web templates using the Netbiscuits platform.

Together, Corbus and Netbiscuits have created industry leading mobility offerings and look forward to working with companies seeking to move into the mobile age.

Corbus, LLC

Corbus, LLC, a global solutions provider founded in 1994, offers superior services combining years of experience, solid partnerships and adaptability. Corbus’ solution offering includes Information Technology (IT), Supply Chain Management (SCM) and Project Management (PMO) services. Corbus creates technology-empowered solutions with industry leading processes and technologies that deliver business value to global clients through year-on-year savings and are known for the ability to work in true partnership with clients to innovate and bring cost reduction along with enhanced product quality. With competitive positioning and complete transparency, Corbus and clients together achieve success. For more information, visit www.Corbus.com

Corbus is a global organization, headquartered in North America with presence in Europe and Asia Pacific markets. Corbus is a wholly owned subsidiary of Soin International LLC, (www.soinintl.com) a private multi-national holding company that provides strategic management, administrative systems, and financial support to a diverse array of worldwide subsidiaries and affiliates.

Netbiscuits, GmbH

The global leader in software solutions for adaptive mobile web experiences used by enterprises worldwide, and daily by more than 15,000 professional developers. With a global partner network and hosting in excess of 110,000 mobile web apps and sites, Netbiscuits solutions are powered by the cloud-based Netbiscuits Platform - tools that help to reduce cost, time and risk in developing mobile web applications to deliver a customized and superior mobile user experience across all mobile and connected devices. The Netbiscuits Platform is supported by a comprehensive ecosystem of web infrastructure vendors and system integrators through our easy to use APIs and IDE integration tools.

Netbiscuits’ Cloud platform efficiently and securely delivers a tailored web mobile experience through industry leading testing and detection software and intuitive developer shortcuts to create and deploy rich features on both legacy mobile devices as well as the latest device and feature releases. Netbiscuits Platform enables superior analytics, hosting and monitoring solutions allowing our customers to optimize and maximize user impact and web monetization.

New Members

Five Companies Join Technology First – Welcome!

Booz | Allen | Hamilton
Delivering results that endure

Interactive Business Systems, Inc.

Innovative Business Solutions, Inc.

RoundTower Technologies

WildPacket©
Non-Profit Collects and Recycles 5 Million Pounds of Computers and Equipment Since 2010

More than 1.5 million pounds of computers diverted from local landfills in 2012

Goodwill Easter Seals Miami Valley

In 2012, local non-profit Goodwill Easter Seals Miami Valley has prevented more than 1.5 million pounds of computers and computer accessories from reaching local landfills. Through the program, consumers are able to responsibly recycle and repurpose any brand of unwanted computers or computer accessories at no cost, simply by donating them at a Goodwill Store, attended donation center, or community electronic recycling event. In addition, businesses interested in disposing of outdated computers and equipment can make arrangements for pick-up of items.

“The revenue created from the recycled computer equipment supports our mission of helping people with disabilities become independent and provides additional jobs for people with disabilities,” said Steve Wesseler, director of business services for GESMV.

The computer recycling program provides 17 jobs for individuals who sort the donations and manage responsible computer disassembly, refurbishing and disposal. Refurbished computers, parts and accessories are sold at local Goodwill Stores, online (bargainonpcs.com) and at the Goodwill Computers and Parts Store, 1750 Woodman Drive.

The program is managed to both Goodwill and Dell's high standards for workplace and environmental safety. Components that can't be reused get recycled in the U.S. by companies that meet all regulatory requirements.

“For more than 75 years, and before being green was popular, Goodwill has been recycling clothing and household items,” said Amy Luttrell, president of GESMV. “Recycling computers and accessories is just another way we can help our neighbors recycle and keep our communities green. We encourage everyone to continue to donate these items rather than send them to the landfill.”

Working and non-working items accepted include computers, monitors, cell phones, hard drives, printers, toner cartridges, keyboards, mice, speakers, cords/cables, software, routers/switches, firewalls, servers and scanners. Receipts for tax purposes will be provided to those who donate.

For more information please visit: gesmv.org or contact Kim Bramlage, k.bramlage@gesmv.org, 937-528-6330, Goodwill Easter Seals Miami Valley, Marketing Communications Specialist

Donet Announces Relocation and Name Change

Same Company, New Facility, New Name

David Mezera, President of Donet, is proud to announce that Donet has moved to a new 12,000 sq. ft. facility in Downtown Dayton. After three years of planning, five months of construction, and a $1.85 million investment, Donet moved to a larger, newly-renovated facility located at 130 West Second Street on November 1, 2012. The centerpiece of the new facility is a 5,000 sq. ft. Data Center.

In addition to this move, as of November 1, the company will change its name to DataYard. The decision to change names is part of a broader vision to better reflect Donet’s commitment to solutions-based product offerings and security. While the name has changed, DataYard is still the same great company with the same great staff and leadership. The company has not been acquired by a third party and ownership remains in the hands of President David Mezera and Vice President “Leigh” Sandy. The new location and name change will reflect DataYard’s expanded capabilities to serve regional businesses and their mission-critical needs.

“Even though our name has changed, we’re still the same company at the core. We’re just promoting our services with a new logo and new messaging,” explained Mezera. “In considering a new name, DataYard, we envisioned a modern day railroad yard, but a virtual yard — a series of access points organized for loading and unloading, sorting and most importantly, securely and reliably transporting your data.”

Donet, now DataYard, is the region’s leading cloud services partner offering clients technical expertise and a solutions-based approach for connectivity, cloud infrastructure-as-a-service (IaaS), and colocation. DataYard provides elevated performance, reliability, redundancy, and security for all Internet and data services.

“I believe what sets our business apart is that we adapt our solutions to our customers’ needs,” said Mezera. “DataYard works as a partner – an extension of your business and IT team – by providing intensive, personalized service. Our team of experts first analyzes, then customizes the right mix of product and service offerings, adapted and scaled, to suit your business needs and enhance the success of your enterprise.”

When planning the relocation, Mezera and his team intentionally over-sized the Data Center in the new facility to allow for future growth and for customers who need their data completely isolated from others because of regulatory requirements or customer preferences. Customers can manage their own hardware in the Data Center or host their applications and data in DataYard’s cloud infrastructure, where it can be monitored and managed with DataYard’s security and multi-layered redundancies. Additionally, DataYard offers various forms of connectivity with a variety of carrier options and media (copper, fiber, wireless, etc).

Taken together, DataYard’s flexibility and options provide customers with the most complete and customized IT solutions: high-speed connectivity combined with redundancies in routers, switches, servers, power, cooling, and upstream providers ensure continuous, fast, secure, and reliable service. DataYard’s hardware and software are supported by an experienced team who continuously monitor resource consumption to help customers address issues before there is a problem.

According to Sandy, “We are always present, diligently providing continuous and rapid support for your current needs and anticipating needs you may not see today, but needs you will experience tomorrow. DataYard works hard for you.”

The centerpiece of the new facility is a 5,000 sq. ft. Data Center.
Enterasys Provides Secure BYOD Solution for Sinclair Community College

Enterasys identiFi WLAN and Mobile IAM Offers Total Security and Seamless Mobility for Nearly 30,000 Users

Enterasys Networks, a Siemens Enterprise Communications Company, announced today that Sinclair Community College, located in Dayton, Ohio, has deployed identiFi®, the new Enterasys WLAN solution, to support its BYOD and wireless networking initiatives. Responsible for supporting the Wi-Fi needs of 24,000 students and 4,000 faculty and staff, Sinclair Community College selected the Mobile IAM solution from Enterasys as its comprehensive BYOD capabilities to provide total security, full IT control and a predictable network experience for all users.

An early adopter of BYOD, Sinclair Community College developed an in-house secure LAN solution using open and standard products. Although this solution helped launch its BYOD program, it lacked the necessary granular controls and automation necessary to keep pace with the college’s escalating networking demands. With 20 buildings in downtown Dayton and five remote locations, Sinclair Community College needed a tool that could quickly adjust and distribute policies to all of its locations. The Enterasys Mobile IAM policy automation and provisioning capabilities enable a single policy approach for the college’s wired, wireless and VPN deployments that simplifies management and eliminates potential security holes.

“Sinclair Community College has been ahead of the BYOD curve and we wanted to get better. The Mobile IAM solution from Enterasys had a lot of capabilities that we weren’t able to do on our own, plus a road map that showed they put a lot of forethought into the BYOD space,” said Scott McCollum, CIO of Sinclair Community College. “We used to have other vendor’s products – as well as Enterasys – to manage our BYOD program, but now our entire networking infrastructure is based on the Enterasys OneFabric architecture.”

Mobile IAM can automatically discover and track over 50 attributes per user and device on the network. The IT team at Sinclair Community College leverages this rich store of information to provide intelligent network management and policy enforcement that simplifies managing the college’s BYOD program. As a result, IT support staff can more easily identify and troubleshoot connectivity issues, preventing problems from being escalated to a network engineer.

“We don’t want our students or faculty to worry about whether or not the network is working, and thanks to Enterasys, their focus remains on their studies,” said Darnell Brown, Senior Infrastructure Engineer at Sinclair Community College. “Plus, the Enterasys network allows us to be more flexible so we can say ‘yes’ more often to network access requests, allowing us to create options for our students and faculty to complete their work.”

The college has also heavily invested in virtualization, from both a server and desktop standpoint. With over 600 software applications streaming to student and faculty desktops, Sinclair Community College has hundreds of virtual machines running through Enterasys S-Series data center switches, and also plans to deploy Data Center Manager to manage their virtualized environment. This virtualization gives the college much needed flexibility, with no need to worry about where the classes will be taught; the necessary applications are dynamically delivered as needed, even to mobile devices.

Enterasys partnered with Chi Corporation to ensure the college’s IT staff was trained on the benefits of the new OneFabric network, delivering a system with exceptional performance while remaining easy to manage.

“With expertise across data center, storage and access edge, Chi Corporation is in the unique position of being able to support Sinclair Community College’s entire IT needs,” said John Thome, Jr., Vice President, Chi Corporation. “We were able to get them quickly up to speed on the simplicity and manageability benefits of the Enterasys identiFi solution to ensure a seamless networking experience for mobile students and faculty.”

An Enterasys customer for over 12 years, Sinclair Community College attributes its long-term satisfaction to Enterasys’ best-in-class customer service and networking products that meet the market’s needs.

“One of the reasons we have been an Enterasys customer for so long is they allow us to be more efficient and in control of the network, rather than running around and putting out fires,” said McCollum. “The number of devices we are required to support on our network is growing astronomically, but the stability of Enterasys equipment has allowed us to stay current with these growing demands. We trust Enterasys to help us continue this trend in supporting a successful BYOD environment.”

Resources:
Enterasys Social Media Newsroom, Enterasys Higher Education Solutions, Enterasys identiFi Wi-Fi Solutions webpage

About Enterasys Networks and Siemens Enterprise Communications:
Siemens Enterprise Communications is a leading global provider of unified communications (UC) solutions and network infrastructure for enterprises of all sizes. Leveraging 160 years of experience, we deliver innovation and quality to the world’s most successful companies, backed by a world-class services portfolio which includes international multi-vendor managed and outsourcing capabilities. Our OpenScape communications solutions provide a seamless and efficient collaboration experience – on any device – which amplifies collective effort and dramatically improves business performance. Together, our global team of UC experts and service professionals set the standards for a rich communications experience that empowers teams to deliver better results. Siemens Enterprise Communications is a joint venture of The Gores Group and Siemens AG, and includes Enterasys Networks, a provider of network infrastructure and security solutions, creating a complementary and complete enterprise communications solutions portfolio.
MEMBER MENTION

CentraComm Growth Continues To Receive National Recognition

For the sixth consecutive year, CentraComm, a leading managed IT Security and network services company, has been named one of the fastest-growing private companies in the nation. Inc. magazine’s 5000 list highlights America’s fastest growing companies. CentraComm has earned a place on the list since its inception in 2007.

Moving up over one hundred places to No. 2,785 on this year’s list, CentraComm has shown 83 percent revenue growth over the past three years.

“Making Inc. magazine’s list for six consecutive years encapsulates what makes a company truly great ... consistency,” said Mark Prevost, Vice President of Sales and Marketing at CentraComm. “CentraComm’s revenue has expanded every year across all our core segments. Existing customers keep increasing their business with us demonstrating our superior service and value. Our vertical market segments as well as our overall geographic reach continue to grow demonstrating our strong reputation and the competitive strength of our offerings.

“Additionally, the mix of business across all our various product lines continues to spread as well and we are forecasting continued revenue and profit expansion in 2013 and beyond,” said Prevost. “CentraComm now manages and secures networks across twenty-six countries and on four different continents. We are truly a market leader with global reach and relevance. As exciting as this recognition is though, it would not be possible without the support of our customers and our dedicated staff who each have a daily hand in the service we provide and the legacy we are creating.”

According to Inc. magazine, the companies on this year’s list created more than 400,000 jobs since 2010. Complete results of the Inc. 5000, including company profiles and an interactive database, can be found at Inc.com/5000.


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SDS Selected to Speak at Premier IT Event: SPTechCon, San Francisco 2013

Strategic Data Systems (SDS) has been selected to speak at the upcoming SPTechCon event in San Francisco, CA. Patrick Tucker, Principle SharePoint Consultant at SDS, is one of the less than 40 speakers, chosen nationwide, to present at this prestigious annual west-coast conference. He will be leading two sessions: Reduce, Reuse and Recycle with Content Types, and Code Tax: Programming with the Taxonomy API in SharePoint 2010 at the event on March 6th.

SPTechCon, the SharePoint Technical Conference, has quickly become the largest independent event focused solely on Microsoft's collaboration and content management platform. It is a "Who's Who" of SharePoint, attracting Microsoft MVPs, certified masters and other experts in the technology. It is the largest independent SharePoint conference for IT professionals, business managers, analysts, and developers.

Tucker is a Principle SharePoint Consultant with SDS, and has been a SharePoint architect, developer, consultant and trainer for more than 13 years. His experience includes developing applications with Microsoft technologies, and training others to do the same. Tucker holds certifications in SharePoint, .NET and SQL Server, including MCPD, MCITP, MCSD, MCTS, and MCT. He has been a Microsoft Certified Trainer since 2000. He and fellow SDS team member, Scott Brickey, have been selected to speak at several SharePoint Saturday 2012 events throughout our region, and beyond.

SDS Custom SharePoint Solutions build tools to unleash the power of SharePoint and drive clients' businesses forward. SDS helps clients respond to business needs by providing expert SharePoint developers and agile practices to deliver tailored Business Process Automation, BI, Collaboration and Content Management. Learn more at www.sds-consulting.com.

About Strategic Data Systems (SDS)
Strategic Data Systems (SDS) provides custom application development for better results. SDS specializes in Agility, Mobility, and Usability—focusing on driving improved software quality, higher team productivity, and accelerated time-to-delivery. It provides a broad range of technology experts in open source, Microsoft, and more, with end-to-end capabilities around desktop, web, and mobile application solutions. Since 1992, it has consistently delivered development results that drive significant business value. To learn more, please visit www.sds-consulting.com or call 800-970-7374, ext. 102.
**Upcoming Training:**

**NEW FEATURED CLASS**

**Java Programming for Mobile Application Development** - THURS, 2/21, 28, 3/7, 14, 21, 28, 4/4, 11, 18, 25, 5/2, 9, 16, 23, 30, 6/6, 5:30PM - 9:30PM, $2655/$2390 for Technology First Members: Mobile application development is a skill that pays at a premium rate and has created over 466,000 jobs, but luckily for you there is an educational gap between the demand for these jobs and available developers' skills. This course will teach you the skills necessary to develop and publish mobile applications for Android in this 16 week Certificate Program of hands-on computer lab training. However this is only a course for those who have prior programming or web development experience, as it will not cover the basics of computer science. This course will cover topics ranging from Best Practices, Object Oriented Development, Cross Platform Development, Web Applications, Installation and Setup to give you a solid grounding in the process and theory guiding Java for Mobile Application Development.

**JANUARY**

**SQL Certified Associate Certification class (includes test voucher)-** 1Z0-51- 1/4 - 1/16, 8:30AM - 5PM, $3,250/$2,950 for Technology First Members: This 5-day course offers a lecture/lab intensive environment on Oracle’s Data Server Technology. It covers the concepts of both inflammatory topics to performance and tuning of SQL Objects and Advanced PL/SQL in an Oracle database and the use of SQL. You’ll learn how to write simple to complex queries along with being able to modify database objects through SQL. Advanced technique such as CASE, IN-LINE VIEWS, TEMPORARY TABLES, ROLLUP, CUBE, set operators and creation of user-defined data types are discussed.

**Introduction to Network Design and Management- Need 2 students - M, 1/14, 8:30AM-5:00PM, $444:** This course is for beginners, IT managers, or other professionals who would like to have a deeper understanding of network design, management, and associated technologies. Specifically, it is intended for individuals who are preparing for entry-level careers in the telecommunications network management field, who do not have prior academic backgrounds in telecommunications studies or technical work experience in the telecommunications field, but who do not have some basic knowledge of telecommunications.

**CompTIA Cloud Essentials - Tu-W, 1/15-16, 8:30AM-5:00PM, $1,150 - Need 2 students:** The CompTIA Cloud Essentials certification demonstrates what an individual knows about cloud computing from a business and a technical perspective. It also demonstrates what an individual knows about moving to and governing a cloud environment. The CompTIA Cloud Essential certification is known to be relevant to IT specialists, IT relationship managers, IT technical services specialists, IT architects, consultants, IT and business management, analysts, and Business Process Owners.

**CompTIA Cloud Essentials/Network Design and Management Package - Need 2 students - M-W, 1/14-16, 8:30AM-5:00PM, $1,275:** The CompTIA Cloud Essential certification is known to be relevant to IT specialists, IT relationship managers, IT technical services specialists, IT architects, consultants, IT and business management, analysts, and Business Process Owners. While it is generally not required, CompTIA recommends that a potential candidate have at least 6 months of experience working in an IT environment with a direct involvement in IT-related decision-making.

**Data Modeling for Relational Databases - 1/22 - 1/24 8:30AM - 5PM $1,940/$1,746 for Technology First Members:** This 3-day data modeling training class teaches you Oracle or SQL Server data modeling from the ground-up and includes table and index creation for performance. Using real-world examples, and in-class exercises, the student builds a firm data modeling foundation that can be applied to any Oracle/SQL Server data model, regardless of the complexity. This course is specifically designed to explain data modeling from a Relational Database perspective, complex data modeling concepts, taught in plain English.

**FEBRUARY**

**Microsoft Server Virtualization: Implementing and Managing- M-F, 2/11-15, 8:30am-5:00pm, $2,025/$1823 for Technology First Members:** The primary audience for this course is Microsoft Windows Server 2008 system administrators who will manage and implement Server Virtualization technologies within their network. This instructor-led course provides students with the knowledge and skills to deploy and manage a server virtualization environment using Microsoft technologies. Learn the details on how to deploy and manage Hyper-V and Remote Desktop Services on Windows Server 2008 R2.

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- Java programming for Windows Beginning or Intermediate
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- Compression Planning
- Configuring and Troubleshooting a Windows 2008 Network Infrastructure/Server

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