



The GAB'er

The Newsletter of the Greater Albany Apple Byters

Volume 30, Number 3 - November 2013

Apple to Offer In-Store iPhone Repairs

Apple is planning to begin offering in-store display replacements and other repairs for both iPhone 5s and iPhone 5c. [reports](#) 9to5Mac, continuing Apple's effort to [lower repair costs](#).

These sources say that Apple Stores will be able to replace several aspects of the iPhone 5s and iPhone 5c on-site, meaning that Apple no-longer needs to fully replace iPhone 5s and iPhone 5c units with damage or other problems.

The display replacements will cost \$149 for each device for users not subscribed to AppleCare+, and \$79 for users subscribed to the warranty service. In addition, Apple will also have the ability to replace volume buttons, sleep/wake buttons, vibrating motors, the rear camera and speakers systems on both phones.

ores will also be able to replace the home button on the iPhone 5c, but will likely not be able to replace the Touch ID sensor on the iPhone 5s, likely due to constrained supply.

Part replacements due to defects will be free if the device is under AppleCare warranty. However, devices not under an AppleCare warranty plan there will have repair fees specific to each part, such as a \$29 surcharge for a Home button replacement on the iPhone 5c.

In June, Apple [began offering](#) in-store display replacements for the iPhone 5 for \$149 for both AppleCare+ and non-AppleCare+ subscribers.

November 2013 GAAB Meeting

The November meeting will be Tuesday, November 12th at 7pm at Panera Bread on Washington Ave Ext across from Crossgates. We were going to meet at the Western Diner in Guilderland, but they have no WiFi. Although there is no special room, we should not have a real issue finding seats to discuss the future. Then we can go to the Apple store if we want.



**Meeting: November 12, 2013
7:00 PM**

Panera Bread

161 Washington Ave Ext, Albany, NY

A map can be found at the GAAB website at http://applebyters.com/index.php/meeting-information/meeting_map/

GAAB Meeting Agenda

November 12, 2013

7:00 pm

Greetings

Discussion: Topics to be presented by members

News from Apple including Mavericks

**Next GAAB Meeting
November 12, 2013**

**Mavericks OS X
7:00 p.m.**

**Panera Bread
Crossgates Common, Albany**

Featured in this Issue

In-Store iPhone Repairs	1
Apple Ambassador	2
Internet SIG	3
Education SIG	4
Why Was Mavericks Free?	6
Apple TV	7
Battery Drain	8
Mac OS X Hints	10

The Greater Albany Apple Byters is an Apple Computer User Group. Meetings are held the second Wednesday of each month (except July and August) in Room 212 of Troy High School, located on Burdett Avenue, Troy, NY.

Annual membership fee is \$10.00. Membership privileges include this newsletter, access to a large public domain software and video/audio tape library, local vendor discounts, special interest groups, and other special offers.

Contents of The GAB'er are copywritten, all rights reserved. Original articles may be reprinted by not-for-profit organizations, provided that proper credit is given to the author, The GAB'er, and a copy of the publication sent to The GAB'er editor.

The views expressed herein are the sole responsibility of each author, and do not necessarily represent the views of the Greater Albany Apple Byters.

Note: Trademarks used in this newsletter are recognized as trademarks of the representative companies.

Officers & Special Interest Group Leaders

Program Coordinator
John Buckley
272-7128

Membership Director
Cecilia MacDonald
872-0823

Treasurer
Cecilia MacDonald
872-0823

Public Domain Librarian
Bill Shuff
393-9753

Newsletter Editor
Roger Mazula
466-7492

Education SIG
John Buckley
272-7128

Internet SIG
Lou Wozniak
465-2873



Apple Ambassador

by John Buckley

Apple Bytes: News About Apple You May Have Missed

Apple Announces Upcoming Features for iWork Mac Apps Following Criticism by Juli Clover

Following the [release](#) of updated iWork apps for the Mac and iOS, many power users were [upset](#) with the loss of several important features within [Pages](#), [Numbers](#), and [Keynote](#).



Numbers



Keynote



Pages

Multiple threads on Apple's Support forums lambasted the changes, and one blogger called the removal of features within Pages an "unmitigated disaster." Apple has now responded to user outrage with a [new support page](#) detailing upcoming updates that it plans to add to all three apps within the next six months, which will see the return of many lost features.

The new iWork applications—Pages, Numbers, and Keynote—were released for Mac on October 22nd. These applications were rewritten from the ground up to be fully 64-bit and to support a unified file format between OS X and iOS 7 versions, as well as iWork for iCloud beta.

These apps feature an all-new design with an intelligent format panel and many new features such as easy ways to share documents, Apple-designed styles for objects, interactive charts, new templates, and new animations in Keynote.

In rewriting these applications, some features from iWork '09 were not available for the initial release. We plan to reintroduce some of these features in the next few releases and will continue to add brand new features on an ongoing basis.

Pages updates will include a customizable toolbar, a vertical ruler, and improved alignment guides, object placement,

Continued on page 9.





Just recently, Google updated its terms of use and privacy policy. The goal was to allow Google to use your name and public photo in “Shared Endorsements.” In plain English, it wants to use you in ads.

So, if you like or “+1” something on Google+, for example, Google can show your friends that you recommend it if it pops up their searches. I’m sure Google can expand that in the future to the channels you subscribe to on YouTube or music and apps you buy in Google Play.

To Google’s credit, you can opt out - if you know where to look. Head over to the [Shared Endorsements page](#), sign in with your Google account and make sure the option at the bottom is not checked.

Still, it’s a reminder where Google’s focus is. It’s keeping track of what you do so it can use that information in advertising. And don’t forget that your information is one subpoena away from ending up in a government database. [Click here to learn how to stop Google from storing your search history.](#)

But it’s not like there’s a better alternative for search, right? Bing and Yahoo! probably do the same thing.

That’s true, but those aren’t the only alternative search sites around. Here are some that do the job and take your privacy seriously.

If you want most of what Google has to offer in a safer package, take a look at [DuckDuckGo](#). Though it’s similar to Google, it doesn’t collect any information about you when you search.

It matches Google Search in features and performance with a similar simple layout. Its “Goodies” features offer

geographic search, calculators and more. You could literally spend hours checking out DuckDuckGo’s cool features.

Maybe there’s just one feature about Google’s search you really can’t live without, though. In most cases, you can find search sites tailored to that feature.

[Wolfram Alpha](#), for example, runs circles around Google when it comes to research and calculations. Just type in a question and it can usually figure out what you mean. You can even upload images to get more information about them.

For quick answers, [Blekkio](#) is usually easier to use than Google. Instead of returning advertisers and other iffy results first, it sends you links that actually answer your question.

The links are even broken down into categories, such as Top results, Shopping and Latest. You can expand a category to see more of just what you want.

Blekkio is more private than Google in normal mode. However, I recommend you use its “SuperPrivacy” mode for maximum privacy. This blocks ads and takes you to secure, encrypted sites by default. You can turn it on by clicking “Prefs” in the right corner of the site.

If you like how quickly Blekkio gives results, you can try [IxQuick](#), too. It encrypts your search for privacy while giving you pre-approved results from other top search sites for a faster answer. You can rate results to help other searchers find what they’re looking for faster, too.

Are you concerned about search results showing up with inappropriate content? It happens quite a bit, and - thanks to Murphy’s Law - usually when a child is present. [Yippy](#) detects adult content and blocks it automatically. That makes it great for the family computer.

Continued on page 10.





Education SIG

P-TECH: Pathways in Technology

by **Kenneth Crowe, TimesUnion.com**

Governor Cuomo Announces Public-Private Partnerships to Prepare More Than 6,000 Students for High-Skill Jobs

High School Students will Earn College Degrees at No Cost and be First-in-Line for Jobs

New York is First State in Nation to Take 'P-TECH' Program Statewide with 16 New Programs



Governor Andrew M. Cuomo announced 16 winners of a statewide competition to form public-private partnerships that will prepare more than 6,000 New York high school

students for high-skill jobs in technology, manufacturing and healthcare. Students will earn an associate degree at no cost to their families and will be first in line for jobs with participating companies when they graduate.

“We are making sure our students are more prepared for life after graduation by linking the skills we teach in the classroom with the needs of 21st century employers,” Governor Cuomo said. “This groundbreaking program will give students across the state the opportunity to earn a college degree without taking on significant debt from student loans while also starting on a pathway to a good-paying job when they graduate. These public-private partnerships are a model for success for our students, our employers and our regional economies.”

The NYS Pathways in Technology Early College High School (NYS P-TECH) partnerships will provide nearly 6,000 students with a high school diploma, college degree and pathway to a job. With today’s announcement, New York State is the first in the nation to implement a statewide “P-TECH” initiative that links education to regional economic development.

NYS P-TECH was announced as part of the Governor’s 2013-2014 Executive Budget and will receive additional funding and support through the State Education Department. The public-private initiative was launched in partnership with IBM, which helped create the P-TECH program and will provide tools, training and support to each NYS P-TECH school.

Winning partnerships were selected through a highly competitive process and represent leading industries in

each of the state’s 10 Regional Economic Development Council areas.

There are 16 NYS P-TECH partnerships and in the Capital District the winning partnership involves:

Manufacturing – Business: GLOBALFOUNDRIES
Higher Education: SUNY Adirondack
K-12: Regional consortium led by Washington-Saratoga-Warren-Hamilton-Essex BOCES with fiscal lead Hudson Falls School District

Clean Technologies – Businesses: GLOBALFOUNDRIES, Cisco and TRC
Higher Education: Hudson Valley Community College
K-12: Regional consortium led by Ballston Spa School District

Advanced Manufacturing – Businesses: Center for Economic Growth, GE Health Care and Regeneron
Higher Education: Hudson Valley Community College
K-12: Regional consortium led by Questar III BOCES with fiscal lead Troy City School District

State Education Commissioner John B. King, Jr. said, “When it comes to strengthening our schools, we know one size doesn’t fit all students. We have to innovate. That’s why Chancellor Tisch and the Board of Regents have strongly supported the expansion of high quality career and technical education and early college high school programs. The P-TECH model brings business, schools and colleges together to help students prepare for college and career success. We know the P-TECH model keeps students engaged in school and learning. And we know it provides excellent career opportunities for students when they graduate.”

Stanley S. Litow, Vice President of Corporate Citizenship and Corporate Affairs at IBM and President of the IBM Foundation, said, “This extraordinary replication of



P-TECH throughout the 10 economic development regions sets New York apart as the first state to ensure that rigorous academics in these schools are directly linked to great careers. With 14 million ‘middle skills’ jobs predicted in the next decade, P-TECH will help foster the talent and skills required to advance the state and national economy. We trust that other states will follow New York’s lead.”

Heather C. Briccetti, President and CEO of the Business Council of New York State said, “NYS P-TECH offers an innovative approach to equip today’s students with the skills they’ll need to succeed. A highly skilled workforce is a critical element in local economic development. The Business Council and our members are pleased to be partners at the state level and in each local collaboration. We are eager to roll up our sleeves and start planning these new schools.”

Nancy Zimpher, Chancellor of the State University of New York said, “NYS P-TECH is an innovative program that connects high school, college, and the world of work, all aligned through a single challenging curriculum that keeps students focused, engaged, and excited. I congratulate Governor Cuomo on his vision in scaling up this exemplary program to have a statewide presence with at least one P-TECH in every region of the State and I am proud that SUNY has been selected to participate in so many of these vital partnerships.”

William P. Kelly, Interim Chancellor of the City University of New York said, “We commend Governor Cuomo for his continuing commitment to expand collegiate opportunities for deserving high school students through the judicious expansion of early college high schools. We are particularly encouraged by the emphasis on the P-TECH model, which appropriately connects universities, school districts, and employers.”

Pending negotiation and approval of each applicant’s budget, the winners will spend the 2013-14 school year recruiting students, building partnerships and training teachers and principals, and will enroll their first class of students in September 2014.

The NYS P-TECH partnership builds on the nationally recognized success of IBM’s Pathways in Technology Early College High School (P-TECH) in New York City.

The Enlarged City School District has received a \$2.8 million state P-Tech grant that it expects will help 300 students prepare for high-skill jobs over the next seven years.

The district was one of 16 statewide selected to participate in the New York State Pathways in Technology Early College High School program, which is called P-Tech for short. It connects local educational institutions with the state’s regional economic development programs.

The Capital Region made out well in the program with the Ballston Spa Central and Hudson Falls school districts and the Washington- Saratoga-Warren-Hamilton-Essex BOCES also selected.

Troy is partnering with Questar III regional BOCES on the program to provide instructional and financial support for students to earn a high school Regents diploma and an associate degree from Hudson Valley Community College.

The Troy district announcement of the grant stated: “We are proud to be working with HVCC as well as our business partners, Center for Economic Growth, GE Healthcare and Regeneron Pharmaceuticals Inc. in this endeavor, as we will be able to assist 300 students in the Troy School District over the seven years of the grant.”

The Troy program is under the advanced manufacturing category.

“P-Tech students will be immersed in a unique school experience that includes extended hours, career exploration and contextualized instruction to meet the rigorous Common Core State Standards,” the district announcement stated.

The students will receive career and technical training, college work and extra help. They also will work with the three businesses for mentoring and jobs and workplace learning.

Ballston Spa will build on its Clean Technologies and Sustainable Industries Early College High School program, according to its announcement. The district is listed by the state as a clean technologies initiative and will work with HVCC, GlobalFoundries, Cisco and TRC.

The district announced that its proposal emphasizes “increasing educational opportunities for at-risk and underrepresented youth from around the region” in the programs involving renewable energy and advance technology.

The Hudson Falls program also involves students from Queensbury and Saratoga Springs and will work with Adirondack Community College and GlobalFoundries in the manufacturing area.



Why Was Mavericks Free?



With the major 10.9 update to OSX, Apple did something unprecedented; they gave it away for free. Mavericks marks the first time Apple gave away a major update to their flagship operating system, so the question is: why?

A company like Apple doesn't do anything without a solid reason, so what is Apple's rationale in turning down what would ideally be more than the [\\$559 million](#) that Mountain Lion made for them?

Make Support Easier



With such a variety of devices and operating systems, the moniker of "Genius" that's given to Apple Store techs is becoming more and more true. Apple computers are known for their longevity, which means more and more older devices are coming in to be serviced as they encounter issues.

Giving the newest release of OSX out to the most users possible helps these techs when troubleshooting and repairing machines by enhancing the odds that the machine they're working on is on the newest OS. This means less documentation in the stores and for phone support as well as more standardized training and reporting of known issues. This helps to keep costs down and customer satisfaction up.

Future Release Of Hardware and Software



With more people on the newest release of OSX than ever before, Apple is paving the way for more sales of peripherals and software that are made to work with Mavericks. For the user, this means more peripherals that have built-in features and interoperability than ever before as well as more tightly integrated apps, which can be mostly found in the Mac App Store.

What this means for Apple is more sales of licensed peripherals and Mac Store apps, which means more profit for Apple. More people that are on the newest release means more developers writing for the newest release, which means more innovation and more app sales, which Apple always gets a part of.

Keep Fragmentation Down



One of the biggest advantages Apple's iOS has over Android is the lack of massive fragmentation. This means that the majority of its users are on the newest release of the OS, regardless of the model or service provider.

Apple is hoping to achieve this same level of fragmentation avoidance by getting as many users as possible on the newest OS possible. By giving it away for free, Apple is limiting the excuses some people have for not upgrading. This lack of fragmentation makes for easier hardware and software development by both Apple as well as third party vendors. Lastly, this also helps to pave the way for future major updates that would require the newest version of OSX as a stepping stone.

Engagement With Apple



Hardware and software benefits aside, Apple is engaging with their customers by giving them something for free. Let's face it, Apple's products aren't cheap. The cost of Apple machines is slowly coming down, but a solid MacBook Pro will still set you back a couple grand. Giving something for free, even if it's only valued at \$19.99, not only gets people talking, but makes them feel they're getting a little more for their money.

Apple needs to stay engaged with their customers, especially if they're planning on major changes to the operating system, which many feel are coming and will align OSX with iOS. By giving Mavericks away for free, Apple's giving their loyal customers something to thank them.

Wrap-Up

There are a lot of reasons for Apple to give their software away for free, but the one thing that they all have in common is the profitability aspect they add to Apple. Don't doubt that Apple plans to make far more than the half a billion it made from Mountain Lion in giving Mavericks away for free.

Just like any other public company, Apple is focused on profitability, and when that aligns with customer satisfaction, good things like Mavericks happen.



Does Anyone Use Apple TV Anymore?

by Jayson DeMers, Huffingtonpost.com



Apple TV was one of the technologies [conspicuously absent](#) from Apple's iPhone 5s announcement, which featured updates on other Mac products. However, just as we began to wonder if Apple TV was going the way of the dinosaur, an intriguing rumor bubbled to the surface about forthcoming updates. In addition to an anticipated software upgrade that's imminent this week, it's possible that Apple may be developing a new console. As I contemplate my own Apple TV, untouched except for the first time I turned it on, only to be completely underwhelmed, I wonder: who really uses Apple TV, and what's the outlook for the technology?

The current generation of Apple TV is designed to let users access digital content on their TV. Currently, without Apple TV, content is only accessible on the Apple devices themselves, [as well as Windows PCs](#). Thanks to Apple TV, you can watch Netflix, YouTube, and other services. But Xbox and Playstation offer these capabilities as well; what capabilities does Apple TV bring that are unique? Apple TV does allow you to use AirPlay technology to stream content from your other Apple devices to your television. When initially developed, this service was innovative. But now gaming consoles, Smart TVs and other devices offer comparable functionality. The landscape is rapidly evolving, and Apple TV doesn't have a compelling unique value proposition.

Implications of the Impending Software Update

The latest iOS software update had two major implications. First, it changed how AirPlay works and how content is shared between devices. It gave users the option to select the media on their iPhone and shift it to the Apple TV. The content then streams from the cloud, saving battery life and essentially rendering the original device a remote control. Second, new functionality also allows users to send content to Apple TV boxes that they don't own.

Here's the catch: for the new functionality to work, content needs to reside in the cloud. In other words, it has to be purchased via iTunes or synced up to iTunes using iMatch.

The timing of the update was well-planned. There's a lot of innovation happening in the streaming devices space,

from Spotify Connect, to Google Chromecast, to recent updates to the Roku, to the development of cheaper Smart TVs. Apple followers [are suggesting](#) that rumors of a new Apple TV console could be true.

So why is Apple making these investments? It turns out that the device is a big seller. It's the most popular streaming device on the market, with 56 percent market share according to the latest [Global Consumer Video Devices Market](#) report. The hottest audience is among those that have an integrated Apple suite of products, and want to take advantage of the AirPlay technology described above.

The opportunity here isn't about attracting new customers. Strategically, Apple TV represents an opportunity to further entrench devoted Apple fans into a world that blends streamlined content consumption, device integration, and connectivity. It remains to be seen whether the latest generation of Apple TV technology will encourage more people to buy or give the technology another chance. I, for one, intend to dust off the box and see whether the latest iteration of the technology sells me on a fully Apple streaming world.



How to See Which Apps Drain the Battery Most in Mavericks

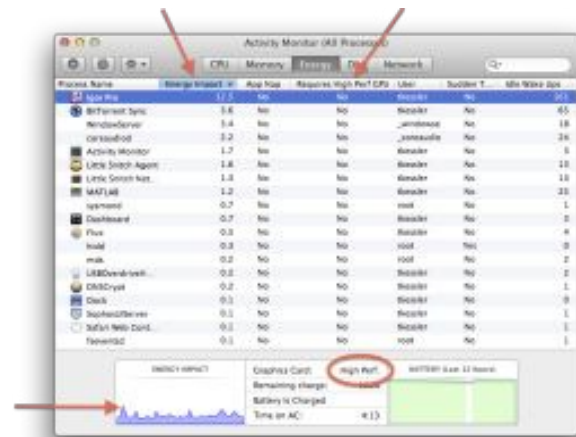
by Topher Kessler, CNET.com



The programs you use will drain your laptop's battery at different rates. Here is how to quickly find the greediest in OS X Mavericks.

While efficient hardware and software can help preserve energy, the greatest drain on your laptop's battery will largely be the programs that you use. For instance, if you decide to encode a lengthy high-quality movie file, then you will ramp up all cores of your processor to their maximum, and even on a full charge, you will be left with a short amount of battery life available.

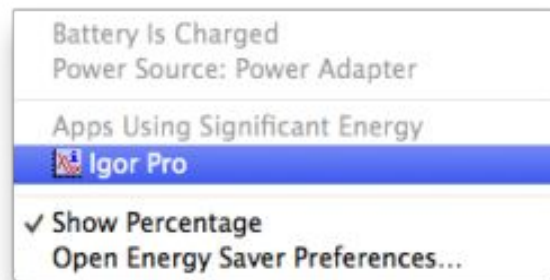
To help preserve battery life, in OS X Mavericks Apple has implemented features like App Nap to pause unused programs, and CPU timer coalescing to allow processors to maintain a lower average energy usage. In addition to these automatic features, you can use common power-saving methods such as dimming your system's screen, and disabling unused hardware like Bluetooth and Wi-Fi controllers. However, the benefit of these steps will be nullified if you have a program that is computationally demanding.



The two more useful columns will be Energy Impact and Requires High Perf GPU. In addition, you can see the overall energy impact in the blue graph, and check whether the high-performance GPU is in use.

To look this up in prior versions of OS X, you would mainly use Activity Monitor's %CPU usage calculation. However, without careful observation you might mistake a brief burst of activity from one program as being something more extensive causing the battery drain.

In Mavericks, Apple has offered ways to help you better assess poor battery life. If you select the Energy section of Activity Monitor, you will see a default column labeled "Energy Impact" that is a relative measure of the power used by that program's demand on the system's hardware. Sort the process list by this column, and any that show persistently high numbers might be worth closing down to maintain battery life.



The Battery status menu will show the programs using significant levels of energy. Selecting them will reveal them in Activity Monitor.

Note that by default, the Energy section of Activity Monitor only shows user applications run in the past 8 hours, which will overlook background processes that might also be contributing to lower battery life. Therefore, go to the View menu and choose "All Processes" to get a better view of what is running.

In addition to the Energy Impact rating, you can sort the list by the column labeled "Requires High Perf GPU" to see which programs are keeping the system using the more powerful (and more demanding) graphics card on systems that ship with two. If the Graphics Card status in the Energy view shows "High Perf." then you can try locating and quitting any programs that say "Yes" in the "Requires High Perf GPU" column.

Lastly, while Activity Monitor is a great tool for assessing process load, you can also look up the applications that have a significant energy impact by opening the Battery menu extra (enabled by checking "Show battery status in menu bar" in the Energy Saver system preferences). You may have to wait a few moments, but then you will see a listing of apps that are using significant energy. Selecting one of the listed applications will open up Activity Monitor with the program selected, so you can see other statistics about it.



Apple Ambassador

Continued from page 2.

and word counts. Importing cells with images will also be possible, pages and sections will be manageable from the thumbnail view, and keyboard shortcuts for styles will also return.

Numbers will also gain a customizable toolbar, improvements to zoom and window placement, auto-complete text in cells, page headers and footers, and improvements to AppleScript support, which was a major complaint.

Along with a customizable toolbar, Keynote will see the return of old transitions and builds, improvements to presenter display, and improvements to AppleScript support.

As Apple works to return features to its suite of iWork apps, the company recommends that users who want to use these missing features can access previous versions of iWork applications, which are found in Applications > iWork '09. Apple also [details](#) how to revert documents to old formats to retain compatibility with its older apps.

On October 22, Apple began offering [free copies](#) of the updated iWork apps to all users who owned a previous version. The company is also supplying free copies of the apps, which are normally priced at \$19.99, to any customer who purchases a new Mac.

First Look at Apple's U.S.-Based Sapphire Crystal Glass Plant by Philip Elmer DeWitt

Apple is bringing 2,000 jobs and solar power to this site in sunny Mesa, Arizona.

FORTUNE -- Local real-estate reporters in Arizona knew something was afoot when First Solar, a Tempe-based manufacturer of thin-film solar cells, said last week that it had [sold](#) one of its properties in nearby Mesa to an unknown buyer for \$100 million. The building at right is the size of a shopping mall, about 1 million sq. ft. The site was once used as proving grounds for GM.

Meanwhile, Apple CEO Tim Cook told a Senate subcommittee last May that Arizona was one of five states where the company planned to repatriate some of its manufacturing operations, nearly all of which are now in Asia.

Arizona Governor Janice Brewer put two and two together for the media Monday morning, and suddenly the [international press](#) was all over the story: Apple, which closed its last American manufacturing facility ten years ago, was opening its second U.S. plant in a year.

The first, in Fort Worth, TX, is currently assembling Mac Pros.

The second, in Mesa, will make sapphire crystals like those that cover the iPhone 5S's TouchID fingerprint sensor.

According to [GT Advanced Technologies](#), the New Hampshire-based firm that won the multi-year contract, Apple has pre-paid GT \$578 million, which GT is scheduled to repay in five years starting in 2015. GT will own the factory equipment, including the ASFs (advanced sapphire furnaces) that it will build at the Mesa site.

Apple has promised to make the plant 100% renewable by providing Mesa with additional solar and geothermal energy, news that didn't escape the notice of Greenpeace and the National Resource Defense Council.

Apple to Open Manufacturing Plant in Arizona

(Reuters) - [Apple Inc](#) will open a manufacturing facility in Arizona in partnership with mineral crystal specialist [GT Advanced Technologies Inc](#) to make sapphire materials for Apple's popular [electronics](#) devices.

The project will provide 700 manufacturing jobs in the first year and 1,300 [construction](#) and associated jobs in Mesa, Arizona, according to a statement by Arizona Governor Jan Brewer on Monday.

[Apple](#) confirmed the plan, but would not say exactly what components would be made at the new facility or what products they would appear in.

GT specializes in "crystal growth equipment" for [consumer electronics](#) and other industries. It said on Monday it signed a multiyear supply agreement with [Apple](#) to provide sapphire material, which has in the past been used in watches, optical instruments and integrated circuits. There have been reports that device makers are looking at sapphire crystal for use in screens.

Apple's push to create jobs in the United States comes after scrutiny of its massive overseas cash reserves and conditions for workers at contract manufacturer facilities it uses in [China](#).



The move also signals a tentative revival in U.S. manufacturing. Earlier this year, Apple revealed plans to build [computers](#) at a site in Austin, Texas, while Google Inc's Motorola unit decided to assemble its new Moto X phones in the same state.

Big corporations such as Caterpillar Inc and General Electric Co have been shifting some production back to home soil over the past few years. Last month Wal-Mart Stores Inc announced a campaign to buy more U.S.-made goods.

GT said it will own and operate the furnaces to produce the sapphire material, but Apple will own the Arizona facility.

Under the terms of its supply deal, Apple will give GT a prepayment of about \$578 million, which GT will pay back to Apple over five years, starting in 2015, GT said.

To see a video of the manufacturing process, go to the home page of the GAAB website (www.applebyters.com).

Internet SIG

Continued from page 3.

Google is a popular search provider on tablets and smartphones, but it isn't the only option. Instead, try [Mazoom](#) on smartphones and [Izic](#) on tablets. Both give you mobile-friendly results first. This helps you save on your data plan and makes pages load faster.

Of course, search isn't the only thing Google does. Between YouTube, Gmail, Maps, Google+, Google Play, Google Drive and its many other services, it could run your whole life.

Finding alternatives for these services means some serious work and often inconvenience. Plus, most of the alternatives are run by other major companies that aren't big on privacy either.

Instead, find alternatives for one or two services. Try using some Google services without logging in to your Google account. While Google, and other companies, will still record your information, no one company will have all of it.

Mac OS X Hints

Dictate without an Internet Connection in Mavericks

Starting with OS X 10.8 Mountain Lion, your Mac could take dictation. But, just as with the dictation feature on iOS, the OS X incarnation required an Internet connection, couldn't show its progress while you spoke, and could only listen for about 30 seconds at a time.

That all changes with a single checkbox in Mavericks (OS X 10.9). Fire up System Preferences and click on the Dictation & Speech pane. There, you'll find a checkbox for Use Enhanced Dictation. The first time you check it, you'll need to wait out a hefty download (between 700 and 800 megabytes), but once you're done, you can dictate a lot more freely.

Now, transcription happens on your Mac, not Apple's servers. And you can see the transcription appear as you speak, in real-time. In fact, the cursor remains active too; if you see a mistake, you can click around (without speaking) to make your edits, put the cursor back where it needs to be, and start talking again. Unfortunately, however, Mavericks doesn't offer any ability to use speech-based editing tricks: If you say "delete that," Mavericks types "delete that."

Open QuickLook previews in other apps

In Mavericks, when you QuickLook files, there's an Open In button at the upper right, which lets you open the previewed document in the default app associated with the file in question.

But what if you want to open the document in a different app? For example, you're previewing a Microsoft Word document, but would prefer to open the file in Preview instead.

Just click and hold on the Open In Microsoft Word button, and a list of other, compatible apps appears. Choose the one you're after, and you're good to go.

Mavericks – Adding apps to the Finder Toolbar

Looks like Mavericks 10.9 has changed the behavior for adding application/document shortcuts to the Finder toolbar.

Where before you could simply drag any icon up to the Finder toolbar and hold it there for a second to add it, you now need to first hold down Option+Command and then start dragging the desired icon to the toolbar.

You can still remove the icons the same way as before: holding down Command, dragging the icon away from the toolbar and then releasing.

Bring the old Spaces back to Mavericks

If you are a heavy user of Spaces with multiple displays, then you have likely found that the new "full screen improvements" in Mavericks are a giant leap backwards. To get the old behavior back, just go to Mission Control in the System Preferences and uncheck the box labeled "Displays have separate Spaces."



GAAB Internet Addresses

Names

E-Mail Addresses

Aaron Ambrosino.....	aambrosi@mac.com
Gary Blizzard.....	gmbizzard@aol.com
Mark Bogossian.....	mark@castlecomp.com
Steve Bradley.....	ssbradley@adelphia.net
John Buckley.....	jbuckley@nycap.rr.com
Sheldon Carnes.....	sheldoncarnes@hotmail.com
Tina Cook.....	twonotrump@nycap.rr.com
Anthony Eldering.....	tonye11@verizon.net
Trudy Ellis.....	TE52@earthlink.net
Lilajane Frascarelli.....	afrascar@nycap.rr.com
Les Goldstein.....	lgoldst1@nycap.rr.com
Richard Hester.....	hesterfp@capital.net
Ottmar Klaas.....	ottmar.klaas@gmail.com
Michael LaFrank.....	mglafrank@gmail.com
Thomas Levanduski....	msglevnduski@aol.com
Cecilia MacDonald.....	cecilia@midtel.net
Mike Mannarino.....	rfd230@nycap.rr.com
Roger Mazula.....	aluzam@aol.com
Brendan O'Hara.....	bohara1@nycap.rr.com
Eric/Lee Rieker.....	Erieker@aol.com
AbdurRahman Rozell..	aryr100@gmail.com
Judith Schwartz.....	jfschwartz2@earthlink.net
Saul Seinberg.....	saul.seinberg@gmail.com
Bill Shuff.....	wjshuff@earthlink.net
Shelly Weiner.....	olliedawg@yahoo.com
Lou Wozniak.....	louw@nycap.rr.com

To start or renew your GAAB membership, see Cecilia MacDonald or send your fees payable to her at the following address:

*Cecilia MacDonald
260 Sever Road
Delanson, NY 12053*



Visit GAAB on the Internet at <http://www.applebyters.com>

