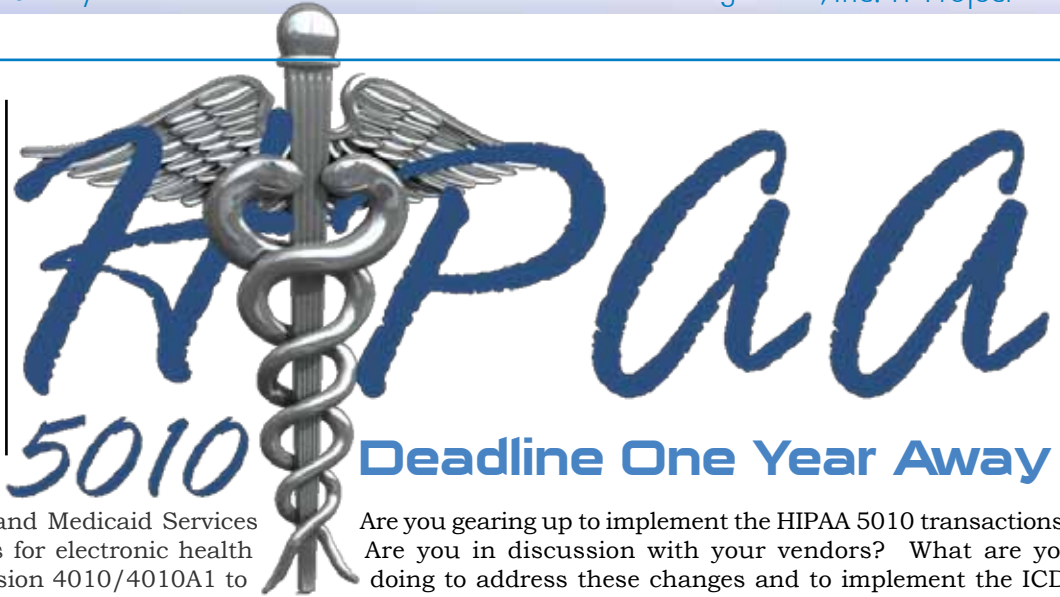


**So, you may be asking yourself, what is HIPAA 5010 and why do I need it? Simply put, the HIPAA 5010 transaction is the next step in achieving administrative simplification.**



According to the Centers of Medicare and Medicaid Services (CMS), on January 1, 2012, standards for electronic health care transactions will change from Version 4010/4010A1 to Version 5010. Impacted electronic health care transactions include functions like claims, eligibility inquiries, and remittance advices. Unlike current Version 4010/4010A1, Version 5010 accommodates the International Statistical Classification of Diseases and Related Health Problems 10th Revision (ICD-10) codes, which must be in place before the changeover to Version 5010 to allow for adequate Version 5010 testing and implementation.

If providers do not conduct electronic health transactions using Version 5010 as of January 1, 2012, delays in claim reimbursement may result. If health plans cannot accept Version 5010 transactions from providers, they may experience a large increase in provider customer service inquiries, which will undoubtedly affect their operations.

Preparing for ICD-10 and Version 5010, including potential updated software installation, staff training, changes to business operations and workflows, internal and external testing, reprinting of manuals and other materials, will take a significant amount of time. Now is the time to begin preparations.

HIPAA Version 5010 addresses more issues in the way of standardization than the current 4010A1 version transaction sets. While the new version is not a complete rewrite, there are significant changes such as:

- Consistent TR3 formats – standardized front matter and appendices
- Consistent implementation instructions
- Clearly defined situational requirements
- Reductions in the need for Companion Guides by providing more clear instructions in the TR3 guides themselves.

In all, the changes address approximately 500 industry requests. However, the major functional changes affect the way ICD-10 and National Provider Identifiers (NPIs) will be handled. Version 5010 will support ICD-9 only, ICD-10 only, and the dual usage of ICD-9 and ICD-10. Version 5010 will also provide instructions on how NPI is reported, which will be at the lowest level of specificity.

Are you gearing up to implement the HIPAA 5010 transactions? Are you in discussion with your vendors? What are you doing to address these changes and to implement the ICD-10 diagnosis codes? As you may imagine, this will not be a simple conversion and implementation.

*See page charts on page 7 for more details on ICD-10*

If this information is new to you or if you require technical assistance, the IT Project may be able to help you get a jump on your preparations. **Save March 9, 2011 on your calendar and come out and join us in Edison, New Jersey at the annual IT Project conference, Hit a Home Run with HIT (Health Information Technology).** At the conference, there will be special presentation on ICD-10 and what actions your organization must take to ensure compliance. We are offering a special, one time only, pre-paid savings for anyone who registers by Feb 9, 2011

Register today at:  
[www.peopleware.net/0973a](http://www.peopleware.net/0973a).

See inside

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**From the Director - Bits and Bytes**

The sharing of health information, including behavioral health, is paramount to providing an improved, more efficient system of care. The data compiled by EHR systems and shared with an individual's healthcare professionals will assist providers in delivering evidence-based treatment and those in need of services will have a more complete continuum of care.

But how do you get started? The process of selecting and implementing an EHR system can be daunting. Unless you have been through the process before, it's best to follow best practices and learn from your peers and your vendors. So you'll be happy to know that at this year's IT Project Technology Conference, themed, "Hit a Home Run with H.I.Ts (Health Information Technologies)", being held on March 9th, 2011 will address this very issue.

With a panel of esteemed presenters and experts, moderated by our very own NJAMHAA Board Member, Robert Davison, the Executive Director of Mental Health Association of Essex County, this workshop will provide most valuable insight into implementing an EHR without the pain and suffering that those before you may have encountered.

Our Keynote presenter Emmanuel Skoufos, PhD, the Executive Director of the NJ Health Information Technology Commission will enlighten the entire audience on the important and valuable work that the commission has been tasked with and provide an update for all.

EHR's must be interoperable. But exactly how health information is to be exchanged is still a diamond in the rough. Health Information Exchanges (HIEs) are being formulated and Verizon has been invited to share their vision of how they see themselves poised to be a major player in HIE.

A special presentation by Shahid Shah, the CEO of Netspective Inc., a consulting firm that has worked closely with the federal government, will be on hand to deliver a plenary address on Evidence Based Practices and why we need EHR's and how they will "gather" the evidence.

Marlowe Greenberg, the CEO of Foothold Technology will be discussing what the Meaningful Use criteria is, and how you can get incentive dollars from either Medicaid or Medicare for implementing and using a certified EHR platform.

HIPAA has been around for quite some time. But did you know that the new HITECH Act modifies the privacy and security regulations of HIPAA? The act has some new information regarding security breaches and to present these important changes is Helen Oscislowski, Esq. a member of the NJ HIT Commission and an independent consulting attorney. She has kept her finger on the pulse of change in the industry and we are excited to have her present at this year's conference.

Another major occurrence happening is the transition from the ICD-9 code sets to ICD-10. This conference

is offering more than 2 hours dedicated to the ICD transition. Debby Montone, BS, RN, CCS-P, is an ICD-10 trainer, certified by the American Health Information Management Association and will be presenting the history and why there is a need to change diagnostic and procedure codes in a morning session at the conference, and then will be delving more deeply in the afternoon with a coding workshop. This is NOT to be missed by anyone who works in the clinical, billing or quality assurance areas. ICD-10 deadline is approaching. It's complicated so you won't want to miss this workshop!

Other technology offerings, regarding Microsoft Solutions and Excel Pivot tables will be covered as well. .

In keeping with our policy to develop high quality programs with minimal cost to our members, we are offering a special pre-registration discount of 20%. But it expires soon.

See the last page of this newsletter for more information about how to register for the conference on March 9, 2011.



P.S.: Don't forget to save your spot at the IT Project annual conference. See back page for details.

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**“The sharing of healthcare information will prove paramount to providing an overall better and more efficient healthcare system.”**

## Tips and Tricks for Windows 7



*Computer users need to explore options to optimize their existing operating system. Since the release of Windows 7, there have been few “tips and tricks” passed on to its users. Below are a few top performance and streamlining tips to keep your Windows 7 machine operating more like a “7 machine”, not a “98”.*

- **Have you noticed all the icons listed on the bottom right of your computer desktop? Those are system programs running in the background. For example, if you see AOL icon there, it actively running and loaded when windows started. If you see other software programs there like a photo editor or anything you rarely ever use, windows turns them on when it starts making your boot time much slower and an overall slower performance. So to fix this right click that icon and go to settings, look for a startup selection. Uncheck the box that usually states “load when windows starts.” By doing so you just streamlined your bootup and saved memory.**
- **Now on the bottom left side near the Start button you can utilize a similar feature and actually add shortcuts to the bottom left of your desktop, which is known as the Quick launch. By adding your most used applications to the taskbar, you can free up desktop space. Simply right click and empty spot on the bottom bar near the middle. Choose toolbars than quick launch and notice the icons load up on the left, if they aren’t already there. Simply grab an icon from the desktop and drop it in. Just make sure you delete it from the desktop otherwise it defeats the purpose of a clean “Desk”. They call it a desktop for a reason, and we all know how a cluttered “desk” doesn’t lead to productivity.**

- Are you tired of Internet Explorer, DVD Maker and Windows Media Player automatically loading upon start-up? Simply type “features” in the Start “instant search” Bar to load Windows features. On the features screen, you can “click off” any program and enjoy additional free memory.
- Are you connected to a router and want to share files and printers? Use Windows 7’s user-friendly HomeGroup feature to establish a connection to all the computers and printers on your network.
- Have you ever tried running an application and it just was not performing as it should? Windows 7 has a built-in Performance Score Analyzer, which will rate your system in all areas. In the “Instant Search” bar type “wei” and find out how well your computer scores. You may find that your computer requires additional memory to run that new application effectively.

There are plenty of new “tips and tricks” for Windows 7, these are my top recommendations. For more, visit <http://www.infoworld.com/d/windows/top-20-tips-and-tricks-windows-7-682>.

### Why upgrade to Windows 7?

Most people stuck with Windows XP when Microsoft released its Vista operating system a few years ago. Vista was a catastrophe when it came to performance and installing the appropriate drivers. Vista had a clear problem maximizing memory to its full potential, which showed when playing games. Okay, maybe that isn’t the best review of Vista for business use, but it demonstrates that Vista’s performance suffers when it is pushed by intense graphics. However, Microsoft redeemed itself when it released Windows 7, which has been well received by most users.

The first thing you will notice when using Windows 7 are the boot up and shutdown times, which are significantly faster than previous Microsoft operating systems. The Start Menu is still at the bottom left, but it does have a new look. Windows 7 also has easier to use navigation menus and configuration options for those who are not very computer savvy. In addition, Windows 7 keeps background programs running silently, which means Windows 7 is not going to use significant system resources just to operate while you are logged in to your computer. You can really notice the improved performance of Windows 7 when it is installed on a laptop. Having installed Windows 7 on four different laptops, I can say that it runs smooth and never bogged down any laptop, which often occurs with Vista or XP.

When it comes to Windows 7, it’s definitely “the little things that count”, and you will be sure to appreciate them if you upgrade.



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**Learn more at the 2011 Annual IT Conference on March 9, 2011. See back page for details.**

# Viruses, Spyware and Malware OH MY!



With countless viruses, spyware and malware infecting computers worldwide, the last thing users, including experienced users, thought would be at risk of infection were their DLL files. Also known as Dynamic-Link Libraries, these small executable data files are used to run many Windows-based programs.

Microsoft's Internet Explorer, which is native to most Windows-based machines, are especially vulnerable to rogue DLL attacks. Google's Chrome browser and my personnel favorite, Mozilla Firefox, are a bit more secure. Internet Explorer is less susceptible to attacks on machines running Microsoft Vista or Windows 7, but it is more at risk on machines running Windows XP. Because XP uses Internet Explorer as a file manager, it allows far too many opportunities for binary planting or DLL hijacking. However, other web browsers do not open Windows Explorer, which lessens the risk for a DLL attack.

Many companies have already issued patches for binary planting, except Google for its Chrome browser and Microsoft for Internet Explorer. It appears that Microsoft has no intention of issuing a patch for Internet Explorer on machines running XP. For this reason, other browsers are preferred over Internet Explorer. Other companies, such as Google, Mozilla and Apple, are capitalizing on Microsoft's refusal to upgrade its browser's security and are converting millions of users to their browsers.

A computer is very similar to a car, if you do not take care of it and install the best parts, it may not operate to its optimal level.

For more information, visit [http://www.computerworld.com/s/article/9188779/IE\\_users\\_most\\_at\\_risk\\_from\\_DLL\\_hijacking\\_attacks?taxonomyId=17&pageNumber=1](http://www.computerworld.com/s/article/9188779/IE_users_most_at_risk_from_DLL_hijacking_attacks?taxonomyId=17&pageNumber=1).

## Will 2011 be the year of mobile malware?

By Jeremy Kirk, IDG News Service  
December 21, 2010 12:34 PM ET

Malware is deliberately designed to access your computer without your knowledge, usually in a form of hostile, intrusive, annoying software or program. With new viruses and malware being developed constantly, it is only logical that smartphones will be next. For many, a smartphone holds more valuable information than a personal computer. In fact, as reported by the IDG News Service (December 23, 2010), researchers from security vendor Fortinet discovered a mobile component for Zeus, a notorious piece of banking malware that steals account credentials. The mobile component, which targeted BlackBerrys, intercepted one-time passcodes used to verify transactions.

Many smartphones have apps installed that send information through data collection software from the specific app developer. This allows developers to study and see how and from where apps are being used. The privacy concerns that this raises are clear, but a rogue developer could also use this information to target users. There are some anti-malware and secure programs to install and protect your phone, but the better option is to be careful and investigate the apps that you download and install.



## Drive By Downloads

So, you just poured a fresh cup of coffee and begin browsing the Internet. Almost instantly, you see an interesting advertisement about Target. You decide to click on the link and you are unknowingly redirected to a malicious website. Soon, someone else is controlling your computer, installing malware and viruses. You try to reboot your computer, only to find you are still infected.

According to the anti-malware firm Dasient.com, 1.2 million websites are infected with malware capable of harming your computer as described above. Since December 3, 2010, DoubleClick.com and MSN.com have been unwittingly delivered malware by way of these "drive-by" download exploits to users. These attacks are called "drive-by" downloads because a user is infected just by visiting the website; no file download necessary.

The most alarming fact presented by these attacks is that it was accomplished by utilizing some of the largest advertising platforms on the Internet. With this in mind, Internet users should be extra careful when clicking on any link, especially if it is not familiar.

## Can BlackBerry survive the perfect storm of iPhone, Android and iPad?



Research in Motion (RIM) has long been known for the security, easy to use e-mail and BlackBerry Messenger (BBM) service associated with their flagship product, the BlackBerry. When text messaging was still a new form of communication several years ago, Research in Motion was already ahead of most competitors and was pushing e-mail to BlackBerries. When Facebook and social networking came to most smartphones, BlackBerries already had the BBM service with chat capability, status updates and pictures. With the growing use of smartphones and the hundreds of thousands of apps available for download on iPhones and Android operating system-based phones, will RIM be able to keep pace with its newer, more hip competitors?

According to an article published on infoworld.com (Can BlackBerry survive the perfect storm of iPhone, Android, and now iPad?, December 7, 2010), RIM has two new developments, which should help the company stay in the game. The first is the BlackBerry PlayBook, a tablet similar to the better known iPad from Apple. The PlayBook is expected to include the BlackBerry's award winning security and e-mail, which should be a considerable factor for many corporate users looking for a tablet PC. However, the PlayBook is expected to lack native 3G capabilities, which means a user would have to tether it to a BlackBerry when not in range of a Wi-Fi network. Tethering a new product to an old product is not a long-term solution. The second major development that should help RIM is the new BlackBerry OS 6 operating system, which should be released in early 2011. BlackBerry OS 6 is expected to support more apps, to include an improved web browser and to function overall more like an iPhone- or Android-based phone.

It may be too late for RIM to regain its market share. In addition to the iPhone and the many Android phones, RIM must now deal with the new Windows phones as well. However, RIM's reliability and security with the BlackBerry, may make the PlayBook a leading candidate to become the professional's choice for a safe, secure tablet. RIM has the potential to return to the top, the company just needs to find a new niche to fill.

**qualifacts**

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## What is a smartphone and what can it do?

With the launch of the Apple iPhone a few years ago, the smartphone craze exploded across the globe. Until recently, few phones were capable of performing at the same level as the iPhone. However, today there are dozens of options available that will let you check your e-mail or browse the Internet. In fact, today's smart phones are more closely related to your laptop than your old cellphone. If you are still using a regular cellphone, below are a few points, which may make you want to upgrade to a smartphone.

What makes a smartphone smart? Basically, smartphones have the ability to perform tasks beyond simple text messaging and receiving and sending phone calls. How is this useful to a standard cellphone user? Well, most smartphones are also mp3 players, which means you can listen to your music on your phone. Smartphones are also able to send and receive data, much like the modem that connects your computer to the Internet. With data being sent and received by your phone, you can check your e-mail anywhere you receive cell phone coverage. In addition, most smartphones connect to 3G networks, which allows your phone to download data a much faster speeds.

Today, smartphones can download and install small applications known as apps. Generally, apps are low-cost or free and perform a wide variety of tasks or functions. For example, you can find apps that provide access to thousands of recipes, or allow you to text multiple individuals in a chatroom-like environment. You can also download game apps and kill time waiting for your meeting to start.

Without a doubt, smartphones are becoming another must have accessory for both your work and home lives. If any of these features interest you, you may want to consider investing in a new smart phone.



## 710 GB Data Transfer

Remember when consumers were wondering which next generation DVD player they should buy, an HD-DVD or a Blu-Ray? In the end, those who chose the Blu-Ray picked correctly, mainly because the Blu-Ray held more data and had the potential to hold even more. For this very reason, I expect Intel's new light peak to win out over USB 3.0 and other competitors.

What is Light Peak, you ask? Light Peak is a high-speed optical cable technology designed to connect electronic devices together. It can transfer data at ten gigabytes per second, which means you could transfer a whole DVD in .60 seconds. It is rated up to 33 times faster than USB 3.0, which is not even available yet, and 44 times faster than today's USB 2.0. Light Peak has the potential to scale up to 100 gb per second, making it much more powerful than current technology can support.

Fiber optic technologies, such as Light Peak, have become very popular lately and are expected to be used in a growing number of consumer products. Instead of using traditional electricity to transfer data, Fiber optic technologies use light, which uses less power and generates less heat and sound. In addition, fiber optics can alleviate the issues found in traditional cabling, such as size or flexibility defects.

Keep your eye out for this powerful new technology in the future.

## Data Loss Prevention:



Every day, we use computers to help with our daily tasks, both professional and personal; however, the last thing many users consider is personal data loss. In fact, most computer users believe their computer to be secure due to the anti-virus software installed on their system. Unfortunately, this is simply not true.

Recently, members of the LinkedIn business social network were targeted directly by a group of unnamed cyber criminals. Many LinkedIn members unwittingly visited an unsafe website after clicking on a link contained in an e-mail. The website appeared to be secure, but was controlled by cyber criminals, who sent users to a different server. Once connected to this server, the Zeus Trojan is downloaded to the users system. Also known as "Zbot", this trojan horse steals banking information by keystroke logging, putting users of the infected machine at risk.

Zbot is only a threat if the web link is visited directly; however, some anti-virus programs cannot detect the trojan. Computer users are cautioned to be extra vigilant in clicking on links contained in e-mails and should review any suspicious e-mails and avoid clicking on random hyperlinks.

For more information, visit [http://www.zdnet.co.uk/news/security-threats/2010/09/28/spammers-try-to-dupe-linkedin-users-in-zeus-attack-40090318/?tag=mantle\\_skin;content](http://www.zdnet.co.uk/news/security-threats/2010/09/28/spammers-try-to-dupe-linkedin-users-in-zeus-attack-40090318/?tag=mantle_skin;content).



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## Continued from Page 1

Table 1 – Comparisons of the Diagnosis Code Sets


ICD-9	ICD-10
3-5 characters in length	3-7 characters in length
Approximately 13,000 codes	Approximately 68,000 available codes
First digit may be alpha (E or V) or numeric; digits 2-5 are numeric	Digit 1 is alpha; digits 2 and 3 are numeric; digits 4-7 are alpha or numeric
Limited space for adding new codes	Flexible for adding new codes
Lacks detail	Very Specific
Lacks Laterality	Has Laterality <small>(i.e., codes identifying right v. left)</small>

Table 2 - Comparisons of Procedure Codes

ICD-9	ICD-10
3-4 numbers in length	7 alpha-numeric characters in length
Approximately 3,000 codes	Approximately 87,000 available codes
Based on outdated technology	Reflects current usage of medical terminology and devices
Limited space for adding new codes	Flexible for adding new codes
Lacks detail	Very Specific
Lacks Laterality	Has Laterality <small>(i.e., codes identifying right v. left)</small>
Generic terms for body parts	Detailed descriptions for body parts
Lacks descriptions of methodology and approach for procedures	Provides detailed descriptions of methodology and approach for procedures
Lacks precision to adequately define procedures	Precisely defines procedures with detail regarding body part, approach, any device used, and qualifying information

These charts represent the structure of ICD-9 and ICD-10. 13,000 Diagnostic Codes are enhanced to 68,000 codes, and 3,000 procedure codes will be enhanced to 87,000 new codes.

**Do not miss the ICD-10 two part workshop at the IT Project's annual conference on March 9, 2011. See back cover for more details!**



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ICD-10

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