



Volume 27 No 03
The Electronic Version

2004
ISSN 0742-468X Since 1978

Welcome to The Harlow Report - GIS

Welcome to the Harlow Report – Geographic information Systems. Now that we are back on track, I thought I would try to stay a bit more current. This issue brings you some news on the FGDC, as well as a possible look at where GIS software prices could be heading

Featured Articles

- **FGDC Wants to Listen** For 90 days, beginning on July 1, 2004, you can make your phone heard with the Federal Geographic Data Committee (FGDC). If you are interested on the draft framework data standards, that is.
- **Free GIS** . Bill Gates said hardware would soon be free, but what about GIS software?
- **Internetworking: Cabling Cisco Devices** . As GIS gets increasingly web enable, I believe it is important that users and developers understand a little bit about what goes on in server room. Don't let the backroom ops guys snow you. Learn what all those funny sounding wires really do.
- **Sales Lessons from Bob Vila** . BIG Mike McDaniel brings us these lessons. Each of us can learn how to promote ourselves just by understanding the simple lessons from Bob Vila.

More to Know

- **Out of the Box** Our collection of news events that may indirectly effect your GIS project. Events are categorized by State and Local Government, Technology, and Utilities.
- **News to Use.** Short takes on the latest GIS news with links to more information

Just 4 Laffs

- **Why I Am Happy to be a Man.** Ladies, maybe now you will understand why we are the way we are. Remember, before you send me those “you chauvinist pig” emails, this is the humor section.

As always, we thank you for your support, and trust that you and your loved ones remain safe, healthy and prosperous.

Chris Harlow



FGDC Wants to Listen

For 90 days, beginning on July 1, 2004, you can make your phone heard with the Federal Geographic Data Committee (FGDC). If you are interested on the draft framework data standards, that is.

If you are involved in GIS to any extent, then you are already familiar with the Geospatial One-Stop e-government initiative. It is there to help create common geographic base data that are important to the National Spatial Data Infrastructure (NSDI). Got that? THE FGDC want your input for the Geospatial One-Stop e-government thingy that supports the NDSDI.

According to the people who make up these names, “The draft framework data standards are intended to establish common requirements to facilitate data exchange for seven themes of geospatial data that are of critical importance to the NSDI, as they are fundamental to many different Geographic Information Systems (GIS) applications. The seven geospatial data themes are: geodetic control, elevation, ortho-imagery, hydrography, transportation, cadastral, and governmental unit boundaries. These themes are known as NSDI framework themes.”

Reality or blue smoke and mirrors?

It is hard to tell with the feds. One highly placed fed told me that this is all a make work project until yet another round of funding comes through the doors. Others insist that it is reality. I don't know who is right, but history suggests that the bureaucracy operates more on the illusion of progress.

For example, at the GITA conference there was a great deal of excitement about the panel that was going to tell us how the federal government needed GIS for homeland security.

Without getting into the nuts and bolts of the panel discussion, if these guys do anything productive in my lifetime, I shall be surprised. Nothing but promises and big plans. Oddly, no one said “If we had just these 5 or 10 pieces of information on 9/11, we could have saved x more lives.”

End of editorial ... back to the FGDC.

Framework data standards specify a minimal level of data content that data producers, consumers, and vendors should use for the interchange of framework data, including through Web services. Each of the framework data standards includes an integrated application schema expressed in the Unified Modeling Language (UML) and guidance to implementers on the transformation of the UML information content into a specific encoding environment. The application schema specifies, as appropriate, the feature types, attribute types, attribute domain, feature relationships, spatial representation, data organization, and metadata that define the information content of a data set.

According to the FGDC “Framework data standards should have a positive impact on the overall Geographic Information Systems (GIS) community by promoting data exchange through common means of describing

The Harlow Report Geographic Information Systems - Vol 27 Issue 03

data content. The standards should decrease the costs of acquiring and exchanging Framework data among

creators and users in Federal, State, local, and other governmental agencies, the private sector, and the academic community. The private sector (software developers and vendors) will benefit through development and marketing of software tools that exploit data based on these data content standards. ”

Your government asks, you can respond

Inquiries about the framework data standards and the FGDC public review should be addressed to:

Ms. Julie Binder Maitra
FGDC Standards Coordinator
c/o U.S. Geological Survey
590 National Center
12201 Sunrise Valley Drive
Reston, Virginia 20192
Phone: 703-648-4627
[Mailto: jmaitra@usgs.gov](mailto:jmaitra@usgs.gov) -

Your comments are an important part of this process. Comments that address specific issues/changes/additions may result in revisions to the framework data standards to ensure that the standards meet the broadest set of needs across the GIS community. This means, if you don't comment, then later don't like the framework, don't complain. After the FGDC reviews the comments, the revised draft framework data standards will be submitted for further processing for approval by the American National Standards Institute (ANSI). After ANSI approval and formal endorsement by the FGDC, which are expected in the second half of calendar year 2005, the published framework data standards and a summary analysis of the changes will be made available to the public. As you can see, the process is moving at the speed of government. I suppose that is better than rushing in where those angels fear to tread.

The Federal Geographic Data Committee Cooperating Groups in Partnership with the Federal Geographic Data Committee

Alaska Geographic Data Committee
Mark Shasby, Chair
U.S. Geological Survey
Phone: (907) 786-7022
<mailto:mshasby@usgs.gov>
<http://agdc.usgs.gov/>

Arkansas State Land Information Board
Shelby D Johnson, Coordinator
Phone: (501)682-2767
<mailto:shelby.johnson@mail.state.ar.us> -
http://www.gis.state.ar.us/lib/LIB_home.htm

Arizona Geographic Information Council
Gene Trobia, State Cartographer
Phone: (602) 542-4060
<mailto:gtrobia@lnd.state.az.us>
agic.az.gov
California Geographic Information Association
Robert Ball, Chair
Kern Council of Governments

Phone: (661) 861-2191
[Mailto: rball@kerncog.org](mailto:rball@kerncog.org)
<http://www.cgia.org/>

Delaware Geographic Data Committee
Michael Mahaffie
Phone: (302) 739-3090
[Mailto:mmahaffie@state.de.us](mailto:mmahaffie@state.de.us)
<http://www.state.de.us/planning/coord/dgdc/>

Georgia GIS Coordinating Committee
Steve French
[Mailto: steve.french@arch.gatech.edu](mailto:steve.french@arch.gatech.edu)
<http://www.gis.state.ga.us/>

Illinois Geographic Information Council
Sheryl G. Oliver
Phone: (217) 785-8586
[Mailto: soliver@dnrmail.state.il.us](mailto:soliver@dnrmail.state.il.us)
www100.state.il.us/ilgic/

The Harlow Report Geographic Information Systems - Vol 27 Issue 03

Indiana Geographic Information Council
Jill Saligoe-Simmel
Phone: (317) 920-9150
[Mailto: jsaligoe@iupui.edu](mailto:jsaligoe@iupui.edu)
www.IN.gov/ingisi/about_us/council.html

Kansas GIS Policy Board
Rick Miller, State GIS Director
Phone: (785) 296-2771
Fax: (785) 296-1168
[Mailfile://o/rick.miller@da.state.ks.us](mailto://o/rick.miller@da.state.ks.us)
gisdasc.kgs.ukans.edu

Kentucky Geographic Information Council
Jim Coffman, Executive Director, Geographer
Phone: (502) 573-1450
[Mailto: jim.coffman@mail.state.ky.us](mailto:jim.coffman@mail.state.ky.us)
ogis.state.ky.us

Louisiana Geographic Information Systems Council
Joe Holmes
[Mailto: joe_h@deq.state.la.us](mailto:joe_h@deq.state.la.us)
<http://www.doa.state.la.us/igis>

IMAGIN (Improving Michigan's Access to Geographic Networks)
Sharon Vanderbout, GIS Coordinator
Phone: (616) 632-6522
[Mailto: sharon.vanderbout@kentcounty.org](mailto:sharon.vanderbout@kentcounty.org)
<http://www.imagin.org/>

Minnesota Governor's Council on Geographic Information
Larry Charboneau, Chair
Phone: (651) 296-1208
[Mailto: gc@mnplan.state.mn.us](mailto:gc@mnplan.state.mn.us)
www.gis.state.mn.us

Mississippi Automated Resource Information System
Task Force Bobby Smith, Director
Phone: (601) 432-6248
[Mailto: bsmith@ihl.state.ms.us](mailto:bsmith@ihl.state.ms.us)
<http://www.maris.state.ms.us/>

Montana GIS Interagency Technical Working Group
Montana Geographic Information Council
Kathie Jewell
Phone: (406) 896-5144
[Mailto: Kathie_Jewell@mt.blm.gov](mailto:Kathie_Jewell@mt.blm.gov)
gis.doa.state.mt.us/Mgic/

Nebraska GIS Steering Committee
Larry Zink, Coordinator
Phone: (402) 471-3206
[Mailto: lzink@notes.state.ne.us](mailto:lzink@notes.state.ne.us)
<http://www.calmit.unl.edu/gis>

New Jersey State Mapping Advisory Committee
Bruce Harrison

[Mailto: Bruce_Harrison@oit.state.nj.us](mailto:Bruce_Harrison@oit.state.nj.us)

New Mexico Geographic Information Council
Dave McCraw, President
Phone: (505) 835-5487
[Mailto: djmc@nmt.edu](mailto:djmc@nmt.edu)

New York State GIS Coordinating Body
Bruce Oswald, Chair
Phone: (518) 486-3580
[Mailto: bruce.oswald@oft.state.ny.us](mailto:bruce.oswald@oft.state.ny.us)
<http://www.nysgis.state.ny.us/>

North Carolina Geographic Information Coordination Council
Zsolt Nagy
Phone: (919) 733-2090
[Mailto: zsolt@cgia.state.nc.us](mailto:zsolt@cgia.state.nc.us)
www.cgia.state.nc.us

Ohio Geographically Referenced Information Program Council (OGRIP)
Stuart Davis, OGRIP Executive Director
Phone: (614) 644-3923
[Mailto: stu.davis@das.state.oh.us](mailto:stu.davis@das.state.oh.us)
<http://www.state.oh.us/ogrip>

Oklahoma State GIS Council
Bob Springer
Phone: (405) 521-4534
[Mailto: bobs@okcc.state.ok.us](mailto:bobs@okcc.state.ok.us)
okmaps.onenet.net

Oregon Geographic Information Council
Cy Smith
Phone: (503) 378-3805 x279
[Mailto: cy.smith@state.or.us](mailto:cy.smith@state.or.us)
<http://www.gis.state.or.us/>

The Harlow Report Geographic Information Systems - Vol 27 Issue 03

Pennsylvania Mapping and Geographic Information Consortium (PaMAGIC)
Thomas Sweet, FGDC Liason
Phone: (570) 966-4067
[Mailto: tsweet@lircgis.com](mailto:tsweet@lircgis.com)
<http://www.pamagic.org/>

Texas Geographic Information Council
Mike Ouimet
Phone: (512) 305-9076
[Mailto: mike.ouimet@dir.state.tx.us](mailto:mike.ouimet@dir.state.tx.us)
<http://www.tgic.state.tx.us/>

Utah GIS Advisory Committee
Dennis Goreham
Phone: (801) 538-3163
[Mailto: dgoreham@gis.state.ut.us](mailto:dgoreham@gis.state.ut.us)
<http://agrc.its.state.ut.us>

Vermont Center for Geographic Information, Inc.
David Brotzman
Phone: (802) 656-4277
[Mailto: davidb@vcgi.org](mailto:davidb@vcgi.org)
<http://www.vcgi.org/>

Virginia Geographic Information Network (VGIN)
Bill Shinar

Phone: (804) 225-3622
[Mailto: bshinar@vgin.state.va.us](mailto:bshinar@vgin.state.va.us)
<http://www.vgin.state.va.us/>

Washington State Geographic Information Council
Jeff Holm
Phone: (360) 902-3347
Fax: (360) 902-2982
[Mailto: jeffh@dis.wa.gov](mailto:jeffh@dis.wa.gov)
www.wa.gov/gic/

West Virginia GIS Steering Committee
Craig A. Neidig
Phone: (304) 558-4218
[Mailto: cneidig@gis.state.wv.us](mailto:cneidig@gis.state.wv.us)
<http://wvgis.wvu.edu>

Wisconsin State Cartographer's Office Ted W. Koch
Phone: (608) 262-6852
[Mailto: tkoch@facstaff.wisc.edu](mailto:tkoch@facstaff.wisc.edu)
<http://www.geography.wisc.edu/sco>

Wyoming Geographic Information Advisory Council
Nancy McCann
Phone: (307) 777-5958
[Mailto: nmccan@state.wy.us](mailto:nmccan@state.wy.us)
<http://wgjac.state.wy.us>



Free GIS?

Recently, I was asked my opinion about the future of GIS. In particular, the client wanted to know where the price of GIS software was headed. The first part of the answer was simple: It is declining. Of course as the price drops, the market expands. If supply and demand stay in balance things should work out nicely for buyer and seller. On the other hand ...

There's that other hand again

When you charge for advice, it is useful to have that other hand opinion. It can make you look smarter, or if nothing else, can help reduce the risks of looking wrong. Just listen to most political pundits. They say clever things such as "John Kerry can win this election. On the other hand, should Bush get more votes, he will be the winner." So, I opted for the look smarter option.

It struck me that everywhere you look on the internet someone is offering darn good software free of charge. Even in the GIS world we have GRASS GIS (Geographic Resources Analysis Support System). It was developed by the U. S. Army and now is an open software product used around the world. While a good product, it doesn't quite have the following of some of the commercial products that you probably use.

Then I thought "Dangermond could retire and put all that lovely Arc stuff in the public domain." ESRI, the company, would continue to strive just supporting the existing base. Once in the public domain it could grow even more and then finally come full circle with Linux-like releases of Blue Hat GIS or Red Magician Map. Now that would really put an interesting twist into the market.

But there are those nerdy college kids

Next, I wondered why GIS would simply not follow the current mainstream software market. That is to say, I suspect that somewhere out there is a graduate student who will write a nifty GIS software package for her thesis and release it into the wild.

My client and I chuckled over this. Then yesterday, I stumbled over a piece of free GIS software from Germany that runs on Macs and PCs. I may have to stop chuckling.

It is called Kartoplan and is a database-based application, which allows users to create personal maps and populate them with map points. Kartoplan is geared towards mobile users, who need to keep track of hotspots, hotels, restaurants etc. It comes from a Danish company called applications.dk (<http://www.application.dk/>)

Don't panic

Don't panic yet – it is not a full GIS, but its light version is free and is still in Beta. Moreover, it is not a full GIS in the sense of what is offered by ESRI or Intergraph. However, if you want to put a restaurant or other feature on a map image, it is a snap with Kartoplan. Just click on the point into which you want to insert information and a dialog box appears. A few clicks and you are done.

I wouldn't put off buying a GIS buying decision to await the free software. The point is that there are downward pressures on all software prices, and GIS is no exception. As you probably read, Microsoft dramatically dropped its price on its operating system because the French kept crying about how much cheaper

The Harlow Report Geographic Information Systems - Vol 27 Issue 03

Linux is. That will start happening in GIS.

As a GIS user, make this an advantage in your negotiations. Keep track of the open source and shareware activities. Then show your supplier just how much you can get for very little money. Sit back while s/he tells you all about the great support you are getting.

Just listen to your account rep. Then put on your Beret, have a glass of wine and start crying in French. Not only will you get a better price, but you could wind up with a case of wine and cheese.



Internetworking: Cabling Cisco Devices

submitted by
SemSim.com

Editor's Note: This article is a bit of a departure from our other features, even those that branch away from GIS. But, as GIS gets increasingly web-enable, I believe it is important that users and developers understand a little bit about what goes on in a server room. So, here is an excellent article written by the folks at www.SemSim.com a site dedicated to Cisco certification.

In this article, you will learn about how Cisco devices are connected to a network.

One of the most common cable endings for connecting Cisco devices is UTP (Unshielded Twisted Pair). UTP is a cable that has four pairs of wires twisted inside it to eliminate electrical interference. UTP cables are connected using RJ-45 connectors that have eight connector pins. The data equipment that is used for internetworking is classified as Data Terminal Equipment (DTE e.g. router interfaces) and Data Communication Equipment (DCE e.g. A WAN connects DTEs through DCE network).

UTP cables are used in many configurations and for different purposes, to form an internetwork including: Straight-through, Crossover and Rollover. The applications of UTP include: Serial transmission, Integrated Service Digital Network (ISDN) connections, Console connections and Modular & fixed interfaces. A discussion on these follows.

Straight-Through Cable A straight-through cable is the standard network cable connection and is used to connect the source and destination computers through an internetworking device. Specifically, you can use it to connect a host to a hub or switch

Crossover Cable In a crossover cable, the standard RJ-45 cable between the source and destination computers is cross-connected. A crossover cable can be used to connect: two computers, two hubs, hub to a switch, cable modem to a router or two router interfaces.

Rollover Cable These Cisco proprietary cables used to connect to a router or switch console port. In a rollover cable (8 pins), RJ-45 connectors are usually present at each end and are used to connect router and computer ports. Pin 1 on one end of cable connects to Pin 8 at the other end of the cable, similarly, Pin 2 connects Pin 7, and so on.

Serial Transmission All WANs use serial transmission, which can pass one bit at a time over a single channel. Cisco provides a 60-pin serial connector for one end of the cable while other end of the cable may be EIA/TIA-232, V.35, EIA/TIA-449, X.21 or others.

ISDN Connections ISDN refers to a collection of standards that define a digital architecture that can carry integrated voice and data, using the public-switched network. ISDN BRI (Basic Rate Interface) is a two 64 kbps Bearer channels (2B) plus one 16 kbps Data channel (D) service. ISDN BRI terminates at the customer premise with the U interface.

Console Connections A console is a type of DTE through which commands are entered into the host device. Most Cisco devices support the RJ-45 console connection. A rollover cable with an RJ-45 connector is used to connect the PC or terminal to the console port of the Cisco device.

Modular and Fixed Interfaces Unlike a fixed interface router, a modular interface router allows you to add new interface cards without buying a new router. In the fixed interface series, you refer to the interfaces as: interface_type interface_number

The Harlow Report Geographic Information Systems - Vol 27 Issue 03

For example, the first serial interface on a Cisco 2503 router would be referred to as serial 0. Higher routers have modular interfaces that allow you to change the interfaces as and when required. Here, the interfaces are referred to as: interface_type module_number/interface_number

To practice such commands you can download a free router simulator from <http://www.SemSim.com> and proceed to the Troubleshooting 1 exercise that configures ethernet 0 interface.

SemSim.com provides training for Cisco certification exams: CCIE, CCNP, CCNA, CCDP, CCDA. It offers free learning resources and router simulation labs. For more information and free trial of the router simulator visit <http://www.SemSim.com/>

Internetworking: Cabling Cisco Devices
Copyright© 2004 by <http://www.SemSim.com>



Sales Lessons from Bob Vila

by
BIG Mike McDaniel

Editor's Note: BIG Mike McDaniel, is a Professional Speaker and former Major Market TV News Anchor. The BIG Ideas Group helps small business grow with mastermind groups, seminars and sales training. Check them out at: <http://BIGIdeasGroup.com/>. This article takes a household names and clearly describes how it became so closely identified with home improvement and Sears. Even if you are not in sales, you could learn how to be the person your employer identifies with success. Subscribe to "BIG Mike's BIG Ideas" Newsletter [subscribe-956603364@ezinedirector.net](mailto:956603364@ezinedirector.net)

With so many different programs, and reruns and repackaging of older programs, we can assume there are few people on the planet who do not know about Bob Vila. Starting with the original "This Ol' House" programs on PBS in 1979, Bob Vila and his empire, have grown into a major force in the Home Improvement Television genre.

The professional salesperson can learn a whole lot more from Bob Vila than how to screet concrete or put mud on the drywall.

Bob Vila is a study in brand awareness. Bob is the brand. The challenge was getting people to recognize, and ultimately respect Bob Vila, as THE home improvement expert. Whatever he did before that first TV program is inconsequential as is whether or not he can saw a board of drive a nail (something he does very little of on his show).

Bob Vila became a household name. Brand awareness to the highest degree. So high in fact that Sears asked him to be a spokesperson and that killed his deal with PBS (his first network gig). Now Bob has "Home Again with Bob Vila", "Bob Vila's Guide to Historic Homes" and others plus specials, books and tapes and even "Bob Vila's Home Design" series on two CD's (handsomely packaged, of course). They are recycling the first PBS shows and calling them "This Ol' House Classics." Bob is a TV pitchman, too. He sells credit card debt reduction and every product Sears can come up with, plus a closet full of books and videos.

This didn't happen by accident, but by clever design. The design element continues today, every time you see him on the tube. How did he do it? Simple, all he did was get all the people on TV to call him by name, over and over. A lot like subliminal advertising. You don't realize you are getting the message. A typical segment of any of his programs, past or present, might go like this:

Bob: Today on our show, Fred Murtz is going to show us how to cut a board with a handsaw. Welcome to our show Fred.

Fred: Thanks, Bob, glad to be here.

Bob: You've been cutting boards for a long time.

Fred: I sure have Bob. I got my first hand saw at age seven, from my grandpa. I brought several saws to show you, Bob.

Bob: Show us how to use that saw (pointing).

Fred: That is a crosscut saw, Bob. It is the mainstay in most basic construction. Bob, this is the easiest

The Harlow Report Geographic Information Systems - Vol 27 Issue 03

of all saws to use. You hold it like this, Bob. And when you begin the movement up and down, you put your index finger along the side here, can you see that, Bob? That's how you cut straighter Bob, with that little finger pointing the way ... blah blah Bob Bob and so on.

Catching on? Everyone Bob talks with uses his name repeatedly. If you look at it apart from the program, you can see that people don't really talk that way. Could all his guests be instructed to use his name in every sentence possible? Bob never uses their name after the introduction until the end bit when he thanks the guest, by name.

So who's name do we hear, hundreds of times in a program? Bob Vila! It didn't take long for him to be recognized as consummate hammer and nails guru. Better yet, he doesn't do any of the work on his shows, he just gets people to use his name while they do it all.

How does this relate to sales you ask? Easy answer. Use the Bob Vila approach on your customers. Use their name at every opportunity. Practice until you can use it in every third sentence. It will create instant rapport. The more you can use the customer's name, the more you can build trust and confidence with that person.

Think about the many times you have watched Bob on TV and not noticed how the guests use his name over and over. The majority of people don't see it until someone (like me in this article) points it out. Most folks never see the hidden meaning there, or recognize the unusual sentence structure. You can use name-infected sentences in any conversation, to your advantage, every time. They work, beautifully. And they never offend ("Hey, Fred, would you mind not using my name so much, I'm sorta sensitive!").

The next time you talk with a customer, remember what Bob Vila did and you, too, can be the most respected person in your field.

For another article about business, get "Voice Mail Can Be Your Buddy"
VoiceMail@BigIdeasGroup.com

Sales Lessons from Bob Vila
Copyright© 2004 by BIG Mike McDaniel, All Rights Reserved

Out of the Box

Editor's note: In “Out of the Box” we bring you news snippets that are not necessarily related specifically to GIS. These are items that come across my screen that help me understand our industry, by understanding the world around us. For the complete article just click “Details Here.” Think of it as thinking **Out of the Box**

In State and Local Government ...

- Shellfish Sanitation (Morehead City, FL) has been working with other environmental agencies for two years to upgrade the shellfish closure maps with Geographic Information Systems technology. “Hopefully by late fall we'll be able to start using this system,” said Patti Fowler, assistant section chief with Shellfish Sanitation. Details Here

[http://www.jdnews.com/SiteProcessor.cfm?Template=/GlobalTemplates/Details.cfm&StoryID=23796&Section=News"--](http://www.jdnews.com/SiteProcessor.cfm?Template=/GlobalTemplates/Details.cfm&StoryID=23796&Section=News)

- Michael Blake, director of Geographic Information Systems mapping from Tighe and Bond, outlined how difficult it will be to redistrict all the city's students for the Holyoke (MA) School District. “About 74 percent of the students will have to move to different schools,” he said. If done gradually by assigning kindergarten students to the school in their district every year, it will take 10 years to implement the change, Blake said.

Details Here <http://www.masslive.com/search/index.ssf?/base/news-7/1088842613195190.xml?nnch>

- Summit County (CO) government will pay \$50,000 this year to update its aerial photos used to help planners and decision makers considering development applications. The funds will cover the cost of photography, survey work and delivery of images required to update the county's Geographic Information Systems (GIS) database. Details Here

<http://www.summitdaily.com/apps/pbcs.dll/article?AID=/20040628/NEWS/106280009&rs=2->

In Technology ...

- Matrox Graphics showcased products from its family of professional graphics cards for CAD and GIS at Bentley Systems' 2004 BE Conference. These products include the Millennium P650, running Bentley MicroStation V8 2004 in DualHead, and the Parhelia™ 128MB, powering systems running other certified applications such as Bentley Enterprise Navigator and ESRI ArcInfo™ across three displays. Details Here .

http://www.tenlinks.com/NEWS/PR/matrox/051304_be.htm-

- At TechEd, Microsoft Corp. sketched out some of its future intentions in the identity management space, including federation services that likely will include Web single sign on. Some resellers say the timing couldn't be much better for these sorts of features to emerge for Windows. Others, though, contend that Microsoft should plug up existing security holes before venturing off into yet another new technology realm.

Details Here: <http://channelzone.ziffdavis.com/article2/0,1759,1604885,00.asp>

In Utilities ...

- Gov. Arnold Schwarzenegger's push to give more large power users freedom to shop for the best electricity deal faces opposition from Democrats and consumer advocates who fear it will lead to higher residential bills. Currently, large customers who must buy electricity through a utility company, claimed Dorothy Rothrock, vice president of the California Manufacturers and Technology Association. "We think there is a lot of innovation and creativity in the market that will be exposed once it's opened up." Ms Rothrock neglects to mention that regulated utilities cannot cherry pick their customers and must provide service to everyone. Details Here <http://www.mercurynews.com/mld/mercurynews/news/politics/8638317.htm?1c>
- An undiscovered natural gas reservoir was found near Sacramento, CA, by Fidelis Energy, Inc. Engineers calculated the first well to be able to provide over 12 million cubic feet per day. By some estimates, that is enough natural gas when supplied to a power plant to provide electricity to more than 125,000 homes daily. California is a net importer of natural gas and cannot produce enough gas to meet daily demand. This discovery could result in the state becoming more self-sufficient, Fidelis says. Details Here . <http://sanjose.bizjournals.com/sanjose/stories/2004/06/21/daily32.html>
- The U.S. Department of Energy reasserted a plan to ship waste from nuclear plants nationwide to the Hanford Nuclear Reservation in eastern Washington – though the agency reduced the maximum amount it plans to ship. The agency said that by 2035 it will ship as much as 82,000 cubic meters of waste from its other nuclear facilities to be treated and stored at Hanford. Details Here <http://www.oregonlive.com/news/oregonian/index.ssf?/base/news/1088078166268430.xml>



News to Use

GeoMicro Provides Mapping for Handmark Express™

<http://express.handmark.com/>

Handmark Express™ is a wireless information service for Smartphones (Palm OS and Windows Mobile) as well as PDAs with WiFi and an Internet connection. Handmark, a developer and publisher of software for smart mobile devices, created Express as a wireless information application to accelerate delivery of the information most in demand by a mobile generation. According to Handmark vice president Douglas Edwards, “even if there were no constraints on bandwidth, viewing web pages through a tiny two inch screen is a less than satisfactory experience. Express is an application that talks directly to Handmark servers for an optimum user experience, it’s faster, easier and does much more than try to squeeze a service designed for desktops onto a handheld screen. Express was created specifically for the mobile device. It’s much more than just better than browsing, Express makes smartphones smarter.”

DMP Adds Patrick F. Stone, former FNIS CEO, to Board of Directors

<http://www.digitalmapproducts.com/>

Digital Map Products (DMP), a developer of high-performance Internet-hosted mapping applications announced today the addition of several prominent businessmen to its Board of Directors. This includes Patrick F. Stone, a former CEO at Fidelity National Information Solutions (NASDAQ: FNIS) and President/COO at Fidelity National Financial (NYSE: FNF). Stone and the other new board members, Bruce R. Culver and William Urschel, bring a wealth of business, executive and entrepreneurial experience to DMP that will enhance its corporate strategy to increase penetration into the real estate market and expand nationally.

Blue Marble Adds 4MationGeo’s Pocket PC Software to Product Offering

[http://\(www.blumarblegeo.com/](http://(www.blumarblegeo.com/)

Blue Marble Geographics signed an agreement with 4MationGeo, Inc. (www.4mationgeo.com) to sell iSync Mobile 2.1, field data collection software for Windows CE and the Pocket PC. This field-proven product enables Blue Marble to provide its worldwide customer base with an easy-to-use, mobile solution for collecting spatial information. “In the past, geographical information systems were used almost exclusively by specialized users. However, as the market for GIS has broadened, a need for an easy-to-use, affordable field data collection solution has developed,” said Patrick Cunningham, president of Blue Marble. “

Avenza Announces MAPublisher Floating Licenses

<http://www.avenza.com/>

Avenza Systems Inc. announced the immediate availability of floating or networked licenses of MAPublisher 6.0 for Adobe Illustrator. MAPublisher 6.0 is feature rich mapmaking software used to produce high quality maps from GIS data. The addition of floating licenses make this powerful cartographic production environment even more efficient and workgroup friendly. This tri-platform solution offers support for Windows, Mac and Linux servers and includes the ability to check out a license for remote use on a laptop computer.

PG&E and Cadastra Inc. Select Boundary Solutions for HCA Project

<http://www.boundarysolutions.com/>

Boundary Solutions, Inc.(BSI) is announced that Pacific Gas and Electric and Cadastra Inc. choose BSI to help comply with federal requirements for pipeline safety, or “High Consequence Areas,” (for more about the regulations see <http://www.epa.gov/fedrgstr/EPA-IMPACT/2002/August/Day-06/i19840.htm>).

SautinSoft Releases HTMLtoRTF Converter 2.5

<http://www.SautinSoft/>

HTMLtoRTF Converter is a handy software utility that takes a web-page (HTML or ASP file) and instantly converts it to .rtf file that can be used in any word processor. The resulting document looks exactly like the original HTML file (web page). The tables are unchanged and located in their appropriate places, the alignment is exactly the same, font face, color and size are not altered, and bold, italic and underlined text stays what it should be. A free demo version is available at <http://htmltortf.com/> for evaluation.

National Geographic Redesigns Its Online MapMachine

<http://www.nationalgeographic.com/mapmachine>

National Geographic’s award winning MapMachine Internet application was completely redesigned using 100 percent ArcWeb Services. Averaging more than a million page views a week, the MapMachine is one of the most popular tools online, and its redesign opens the doors to a treasure trove of geographic information. National Geographic partnered with ESRI to revamp the application, which boasts improved usability and ease of maintenance as well as new tools and content.



Why I Am Happy to be a Man

Editor's Note: This just in from friend John Kercher. No doubt he snagged it from cyberspace. Still he deserves some credit for sending it to me. On the other hand, any man could have created this list.

Why am I happy to be a man?

1. Your last name stays put.
2. The garage is all yours.
3. Wedding plans take care of themselves.
4. Chocolate is just another snack.
5. You can never be pregnant.
6. You can wear a white T-shirt to a water park.
7. You can wear NO T-shirt to a water park.
8. Car mechanics tell you the truth.
9. The world is your urinal.
10. You never have to drive to another gas station restroom because this one is just too icky.
11. You don't have to stop and think of which way to turn a nut on a bolt.
12. Wrinkles add character.
13. Wedding dress: \$5000. Tux rental: \$100.
14. People never stare at your chest when you're talking to them.
15. The occasional well rendered belch is practically expected.
16. New shoes don't cut, blister, or mangle your feet.
17. One mood ... all the time.
18. Phone conversations are over in 30 seconds flat.
19. You know stuff about tanks.
20. A five day vacation requires only one suitcase.
21. You can open all your own jars.
22. If someone forgets to invite you, he or she can still be your friend.
23. Your underwear is \$8.95 for a three-pack.
24. Three pairs of shoes are more than enough.
25. You almost never have strap problems in public.
26. You are unable to see wrinkles in your clothes.
27. The same hairstyle lasts for years, maybe decades.
28. You only have to shave your face and neck.
29. You can play with toys all your life.
30. Your belly usually hides your big hips.
31. One wallet and one pair of shoes one color for all seasons.

The Harlow Report Geographic Information Systems - Vol 27 Issue 03

32. You can wear shorts no matter how your legs look.
33. You can “do” your nails with a pocketknife.
34. You have freedom of choice concerning growing a mustache.
35. You can do Christmas shopping for 25 relatives on December 24 in 45 minutes.

No wonder men are happier!



If you change your
Email address,
tell us!

Charlow@charter.net



**Looking for a domain name, email address or an inexpensive web hosting services?
Go to <http://www.aadomain.net> where domain names are \$8.75 or less!**