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THIS MONTH IN TECHNOLOGY HISTORY

1975 – Microsoft is founded as a partnership between Bill Gates and Paul Allen.

1981 – The Osborne 1, the first successful portable computer, is unveiled at the West Coast Computer Faire in San Francisco.

1992 - The Dow Jones Industrial Average closes above the 10,000 mark (10,006.78) for the first time, during the height of the internet boom.



THIS MONTH IN BUSINESS HISTORY

1861 – US president Lincoln outlaws business with confederate states.

1922 – WAAB (Baton Rouge La) becomes 1st US radio station with "W" calls.

1972 – 1st electric power plant fueled by garbage begins operating.

1994 - Smoking banned in Pentagon & all US military bases.

Updated Compliance Requirements

DON CIO Info Alert

Mandatory Use of DON Enterprise Licensing Agreements

The purpose of this joint memorandum is to announce the mandatory use of Department of the Navy Enterprise Licensing Agreements (ELAs) by all DON organizations and programs to achieve maximum cost savings. Effective immediately, where a DON ELA exists, any software products, hardware and related services offered by that ELA must be procured using that ELA.

For details about the DON IM/IT Excellence Awards, visit:
<http://www.doncio.navy.mil/PolicyView.aspx?ID=3777>

DON CIO Info Alert

Register Now for DON IT Conference, East Coast 2012

The Department of the Navy Information Technology Conference, East Coast 2012 will be held Monday, May 14, to Wednesday, May 16, at the Virginia Beach Convention Center. On Monday, May 14 the conference sessions will be limited in scope to the Knowledge Management track only. No conference fee will be assessed, but registration is required. Pre-registration is now available on the DON CIO website.

For details visit:
<http://www.doncio.navy.mil/contentview.aspx?id=3723>

DON CIO Info Alert

Policy Provides Guidance for Better Management and Control of Cellular Costs

The "DON Policy on Mobile (Cellular) Services Cost Management" has been published. This memo provides interim policy for the Deputy, Department of the Navy Chief Information Officer for Navy and Marine Corps to better manage and control cellular costs. It applies to all Navy and Marine Corps personnel using government-provided mobile devices operating on commercial cellular networks for voice and data services.

For details visit:
<http://www.doncio.navy.mil/PolicyView.aspx?ID=3813>

DON Cyber Range Policy Guidance

This memo formally establishes Department of the Navy Cyber Range guidance. The Cyber Range provides an operationally realistic environment to support exercises, training, testing and evaluation with no risk to operational networks.

For details visit:
<http://www.doncio.navy.mil/PolicyView.aspx?ID=3744>

DON CIO Info Alert

Wounded Warrior Guide for Supervisors and Managers Helps With Workplace Transition

The reference guide for use by supervisors and managers, "From Wounded Warrior to Civilian Employee," has been published. Several commands were instrumental in developing and editing content for this guide, which was published by the Office of the Assistant Secretary of the Navy (Manpower and Reserve Affairs). The guide provides information on how to successfully support veterans who have transitioned to the civilian workplace..

For details visit:
<http://www.doncio.navy.mil/PolicyView.aspx?ID=3800>

Release of DON Enterprise Architecture Version 3.1.000

This purpose of this memo is to announce the release of the Department of the Navy Enterprise Architecture (DON EA) v3.1.000, which updates DON EA v3.0.000. With this release, effective immediately, the review of DON EA Open Architecture artifacts will be suspended for the remainder of FY12.

For details visit:
<http://www.doncio.navy.mil/PolicyView.aspx?ID=3845>

What's New?

DON CIO Discusses Changing Requirements for the Cyber/IT Workforce

The Department of the Navy Chief Information Officer spoke of the need to change requirements of the Department of Navy Cyber/IT workforce to stay competitive in the rapidly changing IT environment of today. During the DON IT Conference, Terry Halvorsen, DON CIO, spoke of his multidimensional approach to further professionalize the workforce through updating skill requirements, increasing coordination with DON business owners and revising laws to meet today's ever-changing virtual landscape.

As part of the effort, Halvorsen said he will work to align DON IT infrastructure, people, processes and policies to maximize the department's efficiency and effectiveness. The main end-goal is to have a Cyber/IT workforce that is agile, forward-looking and knowledgeable of industry trends, technology advances and new cyber threats.

To be successful, it will be necessary to build the depth of expertise and further professionalize the DON's Cyber/IT workforce. Halvorsen noted that this will require some investment both from the department and its employees. One mechanism to ensure the workforce stays on the cutting edge is to require professional certifications, from basic Microsoft certifications to more complex security- and cyber-related ones, to self-certifications that have been successfully used in avionics.

To view more, visit:

<http://www.doncio.navy.mil/ContentView.aspx?ID=3756>

Investment Review Board Process and Program Manager Accountability

The National Defense Authorization Act for Fiscal Year 2012 requires all Defense Business Systems (DBS) with a total cost in excess of \$1 million over the Future Years Defense Program, appropriated or non-appropriated, to be pre-certified by the DON chief management officer and then be certified by the Investment Review Board and DBS Management Committee. The goal of this memo is to reestablish the certification package submission deadlines.

To view more, visit:

<http://www.doncio.navy.mil/PolicyView.aspx?ID=3806>

DON CIO Discusses Future IT Initiatives

Recordings and transcripts of three sessions hosted by the Department of the Navy Chief Information Officer, Terry Halvorsen, during the DON Information Technology Conference, West Coast 2011, are now available.

The sessions include: the Cyber/IT Workforce Town Hall, the DON IT Way Ahead Discussion, and the Functional Area Managers/Command Information Officers session.

To view more, visit:

<http://www.doncio.navy.mil/ContentView.aspx?ID=2126>



Small Businesses Discuss How They Can Support the DON

Small businesses currently hire 43 percent of high-tech workers, including scientists, engineers and computer programmers. To help the Department of the Navy take advantage of that talent, Randy Cieslak, Command Information Officer, U.S. Pacific Command, hosted a panel to discuss how small businesses and the DON can better work together to find cost-effective, innovative solutions for tomorrow's military needs.

The panel, which took place during the DON Information Technology Conference in San Diego, included representatives from Tilson Government Services, LLC; IT TechPros, Inc.; Abtech Systems; Audavi Corporation; and MetroStar Systems.

According to the panel's discussion, small businesses can work on solutions for future challenges, freeing up large businesses and the military to focus on current problems and the primary mission, according to the panel's discussion. Small businesses are also able to take more risks, allowing for greater innovation, while generally costing one-third less than a larger business.

During the panel, participants addressed how the DON can better attract small businesses.

To view more, visit:

<http://www.doncio.navy.mil/ContentView.aspx?ID=3745>

Information Technology Areas of Interest

Portfolio Management

**DON SSN Reduction Plan Phase Three
DTG 171625Z Feb 12**

This Naval message provides details on the continued efforts of the Department of the Navy to implement guidance that better safeguards personally identifiable information by reducing or eliminating the collection, use, display and maintenance of the Social Security number (SSN). The DON has implemented phases one and two of the SSN reduction plan and is now implementing phase three. This DON-wide effort requires the attention and cooperation of senior leadership. It also requires compliance from all Sailors, Marines and civilians as well as all contractors operating under a DON contract.

To view more, visit:

<http://www.doncio.navy.mil/PolicyView.aspx?ID=3757>

Information Assurance

Do you know where your friends are? Facebook might be able to tell you -- whether they want you to know or not.

Facebook has debuted a new location service called Places that allows you to add your location to posts. It also allows others to tag you at a particular location, and it can even tell you who is near you at any moment. And as Facebook usually does with new features intended to rob you of any remaining illusions of privacy, it's all enabled by default. It's all well and good, until you happen to be somewhere that you prefer not to broadcast to the world. If nobody sees you, fine. If a friend recognizes you and tags your location, then good luck denying it later. (You can delete tags, but if you don't happen to see the notification for a few hours or days, the word will be out.)

Just what kind of scenario might lead you not wanting your location known, we leave up to you. Perhaps you want everybody to know when you're sipping cocktails at a posh bar in Northwest D.C., or that you just bought some worms at an Annapolis bait shop. But if you prefer not to have all of your Facebook friends aware of your movements, you need to change some privacy settings.

The good folks over at Gawker have a step-by-step guide, with pictures, to make it easy to do.

To view more, visit:

<http://gcn.com/articles/2010/08/19/facebook-location-privacy-settings.aspx>

Data Management

**Reference & Master Data
Management Guiding Principles**

The Data Management Association (DAMA) Data Management Book of Knowledge (DMBOK) describes six guiding principles for the implementation of reference and master data management into an organization:

- Shared reference and master data belongs to the organization
- Reference and master data management is a part of an on-going data quality improvement program
- Data Stewards are the authorities accountable for controlling reference data values
- Golden data values represent the most accurate, current and relevant data values
- Replicate master data values only from the database of record
- Request, communicate and approve changes to reference data values before implementation

The content of this article was derived from the Data Management Association (DAMA) Data Management Body of Knowledge (DMBOK)

The Enterprise copy of the DAMA DMBOK is located on the Enterprise Information Management (EIM) portal on DKO: <https://www.us.army.mil/suite/files/23278192>

Architecture

The DoD Deputy Chief Management Officer (DCMO) has release Business Enterprise Architecture version 9 (BEA 9). All MPTE programs of record must demonstrate compliance with BEA 9.0 by identifying the operational (business) activities, system functions, business processes, and capabilities supported by each program. This assessment is usually done during the annual review process for programs of record, although updates can be performed at any time by contacting the portfolio manager or enterprise architect for your echelon 2 command. BEA 9 is available for viewing at the DCMO website:

<http://dcmo.defense.gov/products-and-services/business-enterprise-architecture/9.0/index.htm>

How Will DON Data Center Consolidation Cut Costs?

Currently, the Department of the Navy has approximately 150 data centers that were established to meet the needs of individual organizations. This has resulted in a complex and duplicative network structure. Data center consolidation will reduce server requirements and merge the hardware residing in many data centers into fewer, more modern and efficient enterprise data centers. It will also virtualize DON applications and systems to reduce server requirements. Virtualization enables one server to act as many.

With data center consolidation, the DON will see reductions in facility space; electricity consumption; heating, ventilation, and air conditioning; and system acquisition and deployment costs. In support of this, the DON CIO released formal data center consolidation policy in July 2011. It states that before purchasing additional data center capacity, the DON must determine that there is no existing storage capacity and it is less cost effective to use an existing DON-owned Space and Naval Warfare Systems Command, Navy Marine Corps Intranet, or Marine Corps enterprise or regional data center. The DON will expand into these DON-owned data centers first. The DON will expand into DoD or commercial data centers if they meet DON data center standards at a cheaper rate.

Consolidating DON data centers makes sense for the DON in its quest to save money and transform business IT. It is also mandated by President Obama's green initiatives, which reduce federal spending through a reduction in energy use and real estate footprint; and the Office of Management and Budget's Federal Data Center Consolidation Initiative.

SPAWAR: The Tip of the Spear for Data Center Consolidation

SAN DIEGO - Enterprise information technology (IT) and the supporting components can eat up a significant chunk of a company's budget, with much of it allocated to the infrastructure and personnel needed to sustain it. In this respect, the Department of Defense (DOD) is no different than many large corporations, and IT is a significant investment across the entire Department of Navy (DON). In recent years, as budgets rose, the Navy and the rest of government experienced a substantial growth in IT networks, systems and applications. In order to attack these rising costs, the President signed a directive that started the Federal Data Center Consolidation Initiative (FDCCI) in February 2010, with the intent of addressing harsh fiscal realities while positioning government IT for the future.

Specifically, the FDCCI requires agencies to reduce their data center footprint by minimizing overhead costs, increasing security and stability of data center and improving the overall efficiency of the federal IT infrastructure. The DOD will be required to close more than 1,000 data centers by the end of 2015 to help meet those goals.

To meet a challenge of this magnitude, the Navy recognized the need for a technical authority and world-class expertise capable of executing a Navy-wide data center consolidation effort.

Read more:

<http://www.dvidshub.net/news/85977/spawar-tip-spear-navys-data-center-consolidation-effort>

EYE ON IT

Military Dating Data Dump May Be Work of Reformed Group

Love was not in the air -- or in cyberspace for that matter -- March 25th, when hackers exposed the information of thousands of users of a military dating website, or at least claimed to.

Read the article here:

<http://gcn.com/articles/2012/03/28/leaks-of-military-personal-info.aspx>



DATA SPOTLIGHT

Data Stewardship

The Data Management Association (DAMA) Data Management Book of Knowledge (DMBOK) defines Data Stewardship as:

The formal, specifically assigned, and entrusted accountability for business (non-technical) responsibilities ensuring effective control and use of data and information resources.

What are the roles and responsibilities of a Data Steward?

- . business leaders and / or recognized subject matter experts
- . protect, manage, and leverage resources
- . identify and resolve data issues and propose, draft, review, and refine business names, definitions, and other data model specifications for assigned entities and data attributes
- . appointed to represent the interest of all stakeholders
- . take an enterprise perspective for the use of data
- . define and maintain data quality requirements and business rules for assigned data attributes
- . maintain assigned reference data values and meanings and provide input to data policies, standards, and procedures

EXTRA BYTES

Navy Targets 15 Large Software Vendors for Enterprise Deals

The Department of the Navy is targeting new contracts with 15 of the largest software companies. The goal is to take advantage of the service's size to obtain cheaper prices.

Read the article here:

<http://www.federalnewsradio.com/412/2787217/Navy-targets-15-large-software-vendors-for-enterprise-deals->



How to Secure the Cloud

Cloud computing continues to be a hot topic for organizations, says Entrust's David Rockvam. What issues should be top-of-mind when using the cloud, and how can organizations ensure security?

In the coming year, Rockvam says more solutions will be introduced to enable users to authenticate to the cloud. Also, vendors will be placing solutions into the cloud for organizations to use.

Read the article here:

http://www.govinfosecurity.com/articles.php?art_id=4631

CANES Will Help Navy Support Floating Networks

The Navy's plans to upgrade its shipboard communications are moving forward quickly. In February, Northrop Grumman won a \$36.6 million contract that could expand to \$637.8 million over two years if all the options are implemented.

The award, part of the Consolidated Afloat Networks and Enterprise Services (CANES) program, will begin with destroyers and amphibious assault ships, expanding to most Navy surface ships and submarines over time. CANES, managed by the Space and Naval Warfare Systems Command, seeks to streamline operations and reduce overall costs by using standardized technologies. Standardized networks are already replacing a range of legacy architectures that have grown up over time.

"We're retiring four networks each time we install a CANES network. There's no way we can continue to manage with bits and pieces from all kinds of companies scattered on our

ships. Right now, we don't know what infrastructure we have on any ship," said CAPT Didier LeGoff, program manager of the Tactical Networks Program Office for the Program Executive Office for Command, Control, Communications Computers and Intelligence in San Diego.

The Navy plans to replace an array of different technologies with equipment built entirely with commercial off-the-shelf (COTS) products. As budgets decline, that's the only way the Navy can continue to operate and upgrade its communications systems, LeGoff said.

"That's how we'll keep costs down. COTS lets us complete, compete and compete again," he said. "The best way to get kicked out of this program is to give us something proprietary."

To view more, visit:

<http://defensesystems.com/articles/2012/02/28/program-brief-3-navy-canes.aspx?admgarea=DS>

Navy Wants iPads for its New Network

The Navy is eyeing support for Apple iPad tablet computers on its \$10 billion Next Generation Enterprise Network contract, slated for award this December, according to the work statement included in the draft request for proposals released last Friday.

The Navy, unlike the Air Force Air Mobility Command, did not want to support the equivalent of an iPad, whatever that means.

The Navy also wants the vendor or vendors who win the NGEN contract to also support iPhones, BlackBerrys and smartphones that run the Google Android operating system.

To view more, visit:

http://whatsbrewin.nextgov.com/2012/03/navy_wants_ipads_for_its_new_network.php

Bi-Monthly IT Tips

Add a Watermark to a Photo Using Microsoft PowerPoint

Adding a watermark to a photograph by using PowerPoint involves three main tasks: Adding the watermark, formatting it so that it looks transparent, and then grouping and saving the photograph.

<http://office.microsoft.com/en-us/powerpoint-help/add-a-watermark-to-a-photo-with-powerpoint-HA101886853.aspx?CTT=1>

Create an Easily Customizable Template in Word 2010

This video provides a quick overview of how to create, modify, and save templates in Word 2010. A template is a Microsoft Office document that's been designed with pre-existing themes, styles, and layouts, which has placeholder information instead of real content.

<http://office.microsoft.com/en-us/word-help/video-create-an-easily-customizable-template-in-word-2010-VA101982010.aspx?CTT=1>