



Department of Homeland Security IAIP Directorate Daily Open Source Infrastructure Report for 23 July 2004

Current Nationwide
Threat Level is



[For info click here](http://www.whitehouse.gov/homeland)

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Daily Overview

- Cisco Systems, Inc. has fixed multiple malformed packet vulnerabilities which could be exploited to launch a DoS attack on the optical device. (See item [33](#))
- The Morning Call reports the discovery of a case of dynamite in a scrap yard next to the Seventh Street bridge in Allentown, PA, paralyzed rush-hour traffic, forced the evacuation of about 70 residents and, with heightened terrorism awareness immediately led local authorities to alert federal agents. (See item [38](#))
- CNN reports the independent National Commission on Terrorist Attacks Upon the United States has released its findings in a 570-page report, which also offers recommendations for reforming U.S. security agencies. (See item [42](#))

DHS/IAIP Update *Fast Jump*

Production Industries: [Energy](#); [Chemical Industry and Hazardous Materials](#); [Defense Industrial Base](#)

Service Industries: [Banking and Finance](#); [Transportation](#); [Postal and Shipping](#)

Sustenance and Health: [Agriculture](#); [Food](#); [Water](#); [Public Health](#)

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Energy Sector

Current Electricity Sector Threat Alert Levels: Physical: Elevated, Cyber: Elevated

Scale: LOW, GUARDED, ELEVATED, HIGH, SEVERE [Source: ISAC for the Electricity Sector (ES-ISAC) – <http://esisac.com>]

1. *July 22, The Phoenix (PA)* — Exelon wants more security at Limerick nuclear plant. Exelon Corp. has presented plans to Limerick Township, PA, to build a larger training center and install seven guard towers at its Limerick Generating Station. The training center and guard towers are part of mandated security upgrades ordered by the Nuclear Regulatory Commission (NRC). The NRC issued the regulations in 2003 to address concerns about security at the nation's nuclear power plants in light of the terrorism threat, Exelon

spokesperson Craig Baines said on Tuesday, July 20. The 84,000–square–foot training center would be located in a parking lot adjacent to the learning center, just northeast of the second cooling tower, he said. The guard towers will be strategically placed throughout the facility to improve the security, Curtis said. The NRC has mandated that these improvements be completed by October 29, Curtis said. However, township Supervisor Rick Fidler said he was aware of the importance of the new structures, but said he believes that Exelon is asking for an excessive amount of waivers from township ordinances.

Source: http://www.phoenixvillenews.com/site/news.cfm?newsid=12432254&BRD=1673&PAG=461&dept_id=17915&rfti=6

2. *July 22, Chicago Tribune* — **Region cleans up after storm. Some south suburban residents may be without electricity through Saturday, July 24, after storms blacked out thousands of households and businesses, knocked down trees and created havoc across the Chicago, IL, area.** No injuries were reported in the storms, which pummeled the region with winds clocked at 60 to 75 m.p.h. Wednesday, July 21. Across northern Illinois, about 55,000 households and businesses were still without power as of noon Thursday, July 22. Electricity was not expected to return to all affected areas until Saturday. Also, **about 250,000 Commonwealth Edison customers were without electricity at some point overnight, up from earlier estimates of slightly more than 100,000.** Flights at O'Hare International and Midway Airports were delayed at least 1–1/2 hours, with flights departing to southern or eastern destinations grounded for at least four hours at Midway, said Department of Aviation spokesperson Annette Martinez.
Source: <http://www.chicagotribune.com/news/local/chi-040722weather.1.2778891.story?coll=chi-news-hed>
3. *July 22, CBSNews.com* — **OPEC plans boost in oil. The Organization of Petroleum Exporting Countries (OPEC) aims to boost its oil production capacity by at least ten percent by the end of next year, in an effort to keep crude prices from rising further, the group's president said** Thursday, July 22. OPEC is already pumping 2 million barrels a day above its output target of 25.5 million barrels, Purnomo Yusgiantoro said. A robust demand for oil imports from China and refining bottlenecks in other major importing countries have fanned "unwarranted fears" about possible crude shortages. To calm a nervous and sensitive market, OPEC members are investing in their oil fields and facilities to add between 2.5 million and 3.5 million barrels of daily production capacity by the end of 2005, he said. **Although oil–exporting countries are happy to maximize profits, OPEC and its de facto leader Saudi Arabia worry that global economic growth and the long–term demand for crude could suffer if prices soar higher.** "We've seen very strong demand worldwide for petroleum at the same time that OPEC, until recently, was trying to hold back on production," said Ron Planting at the American Petroleum Institute.
Source: <http://www.cbsnews.com/stories/2004/07/22/world/main631235.s.html>
4. *July 21, Associated Press* — **NRC official sees delay judging license for Yucca Mountain. The Department of Energy's (DOE) 2010 target for opening a national nuclear waste repository in Nevada might be pushed back five years to allow the Nuclear Regulatory Commission (NRC) time to evaluate the project,** a commission member said Wednesday, July 21. Commissioner Edward McGaffigan said the delay may be necessary while a decision is made about a radiation protection standard that a federal appeals court rejected earlier this

month. **Commission Chairman Nils Diaz said agency lawyers were trying to determine the commission's responsibilities for evaluating a license to operate the Yucca Mountain repository following the July 9 decision by the U.S. Court of Appeals for the District of Columbia.** DOE still intends to file a license application this year to build and operate the repository. It expects NRC approval for the project's design within four years, and initial construction to take three years. Tunnels would continue to be drilled at the site, 90 miles northwest of Las Vegas, during the 24 years the government expects to entomb 77,000 tons of spent nuclear fuel and highly radioactive military and industrial waste from 39 states.

Source: http://www.mercurynews.com/mld/mercurynews/news/breaking_news/9208800.htm?1c

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Chemical Industry and Hazardous Materials Sector

5. *July 22, Associated Press* — **Chemical spill at Dow Corning plant in Kentucky disrupts highway, water and rail traffic. A chemical spill at a Dow Corning plant early Thursday, July 22, released a cloud of hydrochloric acid vapor, disrupting traffic along the area's highway, water and rail lines, officials said. Two employees were taken to a hospital.** "The vapor was contained on site and there was no danger to the public," said Stacy Floden, a spokesperson for the state Division of Emergency Management. The two workers were treated and released from a hospital after the 3:25 a.m. spill, plant spokesperson Jack Hicks said. Details of the injuries were not released. Hydrochloric acid fumes can irritate the eyes, skin, mouth and respiratory system. **Authorities closed nearby rail lines, a four-mile section of U.S. 42 and stopped water traffic on the Ohio River for about four hours. Residents within two miles were told to stay indoors,** Carroll County Judge-Executive Harold Tomlinson said. Carrollton is about midway between Louisville and Cincinnati.
Source: <http://www.signonsandiego.com/news/nation/20040722-0700-chemicalrelease.html>

6. *July 22, KFMB-TV (CA)* — **Chemical spill closes part of I-15.** A stretch of Interstate 15 in California's North Co, July 22, after Hazmat crews finish clearing a caustic chemical that spilled from a tanker truck, authorities said. **A corrosive mix of hydrochloric, nitric, chromic and hydrofluoric acids spilled onto Interstate 15 in the Hidden Meadows area just before 6 p.m. Wednesday, July 21, prompting authorities to close several miles of the freeway and evacuate 10 homes in the area, according to the California Highway Patrol (CHP).** Interstate 15 was closed in both directions between state Route 78 and Deer Springs Road, CHP officials said. A section of nearby Old Highway 395 was also closed as a precaution. A man driving north on Interstate 15 saw thick green smoke pouring out of the side of the 8,000-gallon tanker truck and motioned to the truck driver to pull over Wednesday evening, CHP officials said. No one was injured by the toxic, corrosive acid as it spilled onto the freeway, officials said. The driver, identified as Terry Lynn Eshleman, 62, of Bellflower, was not arrested, CHP officials said. Residents living along High Vista Drive, Quail View Drive and Eagle View Drive were evacuated from their homes around 8 p.m. as a toxic green-colored cloud blanketed the area, CHP officials said.
Source: <http://www.kfmb.com/topstory27484.html>

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Defense Industrial Base Sector

7. *July 22, Washington Post* — **Running low on ammo.** The U.S. military has assembled the most sophisticated fighting arsenal in the world. However, as billions of dollars have poured into the technology for futuristic warfare, the government has fallen behind on more mundane needs such as bullets. **The protracted conflicts in Iraq and Afghanistan and heightened combat training with live ammunition have left the military short of small-caliber bullets.** To offset the squeeze, the Army is taking unusual stopgap measures such as buying ammunition from Britain and Israel. It is also working to increase domestic production. **The tight supplies of bullets reflect a shutdown of factories in recent years and the unexpected level of resistance in Iraq, industry analysts said. The Army relies on one plant for its small-caliber ammunition, sharply limiting its options.** The Army estimates that it will need 1.5 billion rounds of small ammunition this year, triple the amount produced in 2001. The primary U.S. military supplier, the Lake City Army Ammunition Plant in Independence, MO, will manufacture only 1.2 billion rounds this year. The military has a stockpile of one billion rounds but resists dipping into it except for extraordinary emergencies. The Lake City plant aims to boost production to 1.5 billion rounds a year, but it is not expected to reach that target for another year. In the meantime, the Army has turned to alternate suppliers.

Source: http://www.washingtonpost.com/wp-dyn/articles/A4044-2004Jul2_1.html

8. *July 22, Washington Post* — **Fewer U.S. Army recruits lined up. The U.S. Army's pool of future recruits has dwindled to its lowest level in three years, worrying Pentagon officials as the service is being stretched by the unexpectedly difficult occupation of Iraq.** The Army watches the number of future soldiers in the "delayed entry" program — those who have enlisted but have not been shipped to boot camp — as a way to make sure it has enough recruits to keep training camps fully manned in the coming months. That number has declined to about 23 percent of the number of recruits being shipped this year — the lowest percentage in three years, said Lt. Col. Bryan Hilferty, a spokesperson for the Army's personnel office. The slippage, Hilferty said, reflects statistical factors more than a new reluctance among American youth — the Army, he said, has expanded its training base, and so it can take in more recruits rather than making them wait for spaces to become available. Overall, Hilferty said, **Army officials continue to watch the recruiting situation with concern but remain confident that they will meet their targets.**

Source: http://www.washingtonpost.com/wp-dyn/articles/A4013-2004Jul2_1.html

9. *July 21, Reuters* — **U.S. Army asking Guardsmen to stay longer in Iraq. The Army is asking some National Guard troops serving in Iraq to volunteer to stay on active duty beyond a statutory two-year limit for such service, officials said on Wednesday, July 21, in a fresh sign of the strain on the U.S. military amid operations in Iraq and Afghanistan.** Secretary of Defense Donald Rumsfeld said "we don't plan at the moment" to extend such reserve troops involuntarily beyond the two-year limit, but added "one should never say never." With the Pentagon relying heavily on reservists to maintain troop levels in Iraq and Afghanistan, many other troops may soon be bumping up against the two-year limit. The Pentagon has taken a series of unusual steps to maintain force levels in Iraq and Afghanistan, while still opposing congressional proposals to enlarge the military by tens of thousands of troops. The Army has issued "stop-loss" orders preventing tens of thousands of soldiers from

leaving the military if their volunteer service commitment ends during their deployment, and has notified 5,600 former soldiers from the Individual Ready Reserve that they are being involuntarily mobilized and deployed. The United States has about 140,000 troops in Iraq and about 20,000 in Afghanistan.

Source: <http://www.reuters.com/newsArticle.jhtml?type=topNews&storyID=5735889>

10. *July 20, Associated Press* — **Many elite soldiers leave for better pay.** Just when the U.S. military needs them most, senior Green Berets, Navy SEALs and other elite forces are leaving for higher-paying jobs. **After getting years of training and experience in the military, they leave for other government jobs or for what defense officials said Tuesday, July 20, has been an explosion in outside contractor work.** "What makes them so valuable to us makes them highly marketable on the outside," said Chief Master Sgt. Robert V. Martens Jr., senior adviser at the U.S. Special Operations Command, which also oversees equipping and training elite Army Rangers and Air Force special operations commandos. Better salaries, retirement benefits and educational opportunities are among incentives that might help stem the problem, defense officials said as they met with lawmakers to discuss ways to keep forces who have become so crucial to the war on terror.

Source: <http://www.guardian.co.uk/uslatest/story/0,1282,-4332309,00.html>

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Banking and Finance Sector

11. *July 22, CRN* — **Instant messages carry latest phishing scams. Phishing schemes have moved into the realm of instant messaging.** Security experts on Thursday, July 22, reported that instant message advertising links to malicious URLs have begun appearing, and that such URLs could be phony Website fronts used for phishing scams. One sample phishing scam sent an instant message pop-up reading "you have been sent a picture. To view it, Click here," wrote George Bakosto, an event handler at the Internet Storm Center, Bethesda, MD. In this sample, "the From address is four random letters. However, a trusted name could be used." Of this new form of phishing, Bakosto wrote, "it is important to understand that most instant messaging systems use only weak authentication schemes. Instant messaging is not a tool for exchanging confidential information. Only few instant messaging systems allow for encryption and sophisticated authentication." Similar instant messaging schemes have been used a few times in the past to distribute viruses, according to Bakosto.

Source: <http://www.crn.com/sections/breakingnews/dailyarchives.jhtml?articleId=23904957>

12. *July 22, Internetnews.com* — **E-mail operator indicted for record data theft.** A Florida operator of an Internet advertising and e-mail business was indicted on 144 federal counts Wednesday, July 21, in what the Department of Justice (DOJ) characterized as likely the largest case to date of stolen personal data. Scott Levine allegedly stole approximately 8.2 gigabytes of information from Acxiom Corp., one of the world's largest companies managing personal, financial and corporate data. According to the DOJ, there is no evidence the data was used in any fraudulent schemes. The charges stem from alleged illegal intrusions by Levine and employees of his Snipermail.com firm into a computer database owned and operated by the Arkansas-based Acxiom. The task force investigating the case claims that beginning in April 2002, individuals employed at Snipermail allegedly obtained

access to databases on the ftp.axiom.com server in Conway, AR, and by the spring of 2003, started regularly accessing large data files and downloading them. The indictment alleges the activity continued through July 2003.

Source: <http://www.internetnews.com/security/article.php/3384661>

13. *July 22, The Vista (OK)* — **Office warns students of financial aid scam.** The Office of Financial Aid at the University of Central Oklahoma issued a warning last week to students about a scam targeting them and their bank accounts. **Students nationwide have received telephone calls by a person claiming to be a representative of the U.S. Department of Education. The imposter offers grants to replace student loans and asks students for their bank account information so that a processing fee can be charged to them.** The National Association of Student Financial Aid Administrators has issued an announcement about the scam stating the Department of Education does not have a program replacing loans with grants, and there is no processing fee to obtain Title IV grants. Announcement: <http://www.nasfaa.org/publications/2004/EAImpersonate071404.html>
Source: <http://www.thevistaonline.com/vnews/display.v/ART/2004/07/22/4100093f0d02e>

14. *July 21, CBS.MarketWatch.com* — **Latest scams, hidden viruses make Net more treacherous.** From hidden viruses that commandeer PCs via trusted Websites to next-generation phishing e-mails that plant information-gathering devices on your computer, the online world is beginning to feel more like a dangerous war zone than a fun place to surf. **In the latest phishing, the spam e-mails contain code that installs a keyword logger on your computer, which then starts collecting personal data, even if you never clicked on the message but previewed it in the viewing pane. The scammers' aim is often personal financial data.** That's the same aim of hackers who've compromised some Website pages, so visitors unwittingly download viruslike code that hijacks their PCs. NetSec, an Internet security company, announced last month that 50 Websites, many of them trusted names, had been hacked in this way, with untold numbers of home PCs infected. "All you have to do is open up a Web page [and] this appended a program to it," said Chris O'Ferrell, chief security officer of NetSec. That program is then used to steal personal information.
Source: <http://cbs.marketwatch.com/news/story.asp?guid=%7B9887632A-6171-4CC5-A1F8-26ED86DE5B70%7D&siteid=google&dist=google>

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Transportation Sector

15. *July 22, Associated Press* — **Threatening note found on Amtrak train.** An Amtrak passenger found a threatening note on board Thursday, July 22, and the train was detained for more than an hour as police checked passenger identifications and searched luggage racks. The Washington-to-New York train was declared safe and allowed to continue its morning route. **Amtrak spokesperson Dan Stessel said he did not know the exact contents of the note, which a passenger found attached to a mirror in the cafe car's restroom. The passenger alerted the train crew, and police boarded at the next scheduled stop, Newark Penn Station, to perform the search, Stessel said.** "The passenger did exactly the right thing," Stessel said. The note will analyzed at a crime laboratory, he said. Passengers were not told what was going on during the delay. Over a cell phone from a passenger on board the train, an

unidentified railroad or police worker was overheard telling passengers, "This is an unusual situation." **Police also searched overhead luggage compartments with a metal wand, and at least one police dog was brought aboard the train.** Nobody was allowed on or off the train, and the nearby platform was cordoned off with yellow police tape, Taylor said. Passengers were told that anyone who needed to get off the train for medical reasons should speak to authorities.

Source: http://story.news.yahoo.com/news?tmpl=story&cid=519&ncid=718&e=5&u=/ap/20040722/ap_on_re_us/train_search

16. *July 22, Department of Transportation* — **FTA awards \$2.3 million for transit training and educational programs. The Federal Transit Administration (FTA) today announced a grant for \$2.3 million to Rutgers University in New Jersey to support the ongoing efforts of its National Transit Institute (NTI), which provides training, education and services in support of public transportation.** The National Transit Institute serves the FTA, industry and state and local officials by developing and conducting training sessions and education programs for transportation employees. The NTI supports a number of FTA training initiatives including management, supervision, advanced technology, workforce safety and security and multi-modal planning courses. This latest grant marks the twelfth year the program has received funding. In addition, the NTI annually selects a group of Fellows representing industry practitioners with a variety of expertise to provide workshops and short seminars on industry-related topics.

Source: <http://www.dot.gov/affairs/fta2804.htm>

17. *July 22, CNN* — **Dozens killed in Turkey derailment. At least 128 people have been killed and 57 injured after a high-speed train derailed in northwestern Turkey, according to a Turkish health ministry official. The train -- traveling on its maiden voyage from Istanbul to Ankara -- derailed Thursday, July 22, killing at least 70 people, the governor of the province told CNN Turk.** One witness told the private NTV television station that body parts were strewn over the ground. Oguz Dizer, a journalist who was traveling in the area, said he saw several bodies lying near the tracks. Ali Kemal Ergulec, vice president of Turkish railroad services, said Train 1106 was en route from Istanbul to Ankara when four cars derailed near Pamukova, a small town near the epicenter of a 1999 earthquake. The cause of the wreck was not known.

Source: <http://www.cnn.com/2004/WORLD/europe/07/22/turkey.train.accident/index.html>

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Postal and Shipping Sector

18. *July 22, TMCnet* — **USPS Electronic Postmark equivalent to registered mail. AuthentiDate, Inc., the technical provider of the U.S. Postal Service (USPS) Electronic Postmark (EPM), announced Thursday, July 22, that e-mail using the EPM service has been added to South Carolina's recently adopted Uniform Electronic Transactions Act (UETA), as an alternative to certified or registered mail for certain types of electronic communications, and will carry the same force of law and legal effect as those physical mail services.** UETA is a model code that states may adopt to provide a legal framework for electronic transactions, and gives electronic signatures and records the same validity and

enforceability as manual signatures and paper-based transactions. An example of a strategic benefit that the USPS EPM provides is that it allows individuals or corporations to serve process for law suits electronically on corporations, partnerships, or other unincorporated associations whose e-mail addresses are registered with the South Carolina secretary of state. Source: <http://www.tmcnet.com/submit/2004/Jul/1058879.htm>

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Agriculture Sector

19. July 22, KPVI (ID) — Pink Rot found in Idaho. The University of Idaho extension office is asking potato growers to be on the look out for premature wilting and discoloration of roots. Some early signs of the fungus, Pink Rot, has been found in eastern Idaho. Pink Rot can infect a crop of potatoes, rotting the plant and ruining them. **New research conducted by the school has detected the mold in areas that are dry and sandy in addition to traditional locations.** Scientist Jeff Miller says one reason the problem could be growing worse is that the mold has developed a resistance to chemical spray. If growers see signs of unusual wilts, or symptoms of discolored roots that look new to them, Miller asks you contact the University of Idaho extension office.

Source: <http://www.kpvi.com/index.cfm?page=nbheadlines.cfm&ID=20136>

20. July 22, Reuters — Thai bird flu spreads to Bangkok outskirts. The resurgence in Thailand of the deadly bird flu that ravaged Asian flocks earlier this year has reached the outskirts of Bangkok, a senior Agriculture Ministry official said Thursday, July 22. Suspected cases of the H5N1 virus were being investigated in two southern provinces not affected by the bird flu epidemic earlier this year, Yukol Limlaemthong, head of the ministry's Livestock Department, told reporters. **Indonesia, which said Wednesday, July 21, that it had discovered new cases of the disease, said it would take around three years to eradicate it.** Fifteen of Thailand's 76 provinces have been hit, including northeastern Nong Khai that borders Laos — one of many Asian countries hit earlier this year by the disease. "Bird flu is confirmed in three districts of Bangkok. They are Don Muang, Nong Chok and Min Buri," Yukol said, referring to areas on the outskirts of the capital. **Thailand, the world's fourth largest chicken exporter in 2003, has culled 160,000 fowl since the new outbreak was confirmed on July 3, officials said.**

Source: <http://www.reuters.co.uk/newsArticle.jhtml?type=healthNews&storyID=5741621§ion=news>

21. July 21, Associated Press — Agricultural agents learning about bioterrorism. Some 200 county agricultural agents and livestock inspectors, in New Mexico, have learned how to respond to terrorism or biological threats such as mad cow and foot-and-mouth diseases. New Mexico State University began the training in a two-day workshop that began Tuesday, July 20, in Albuquerque. The homeland security training coordinator for New Mexico State, Billy Dictson, says agricultural agents and livestock inspectors are important because a lot of animal diseases travel very quickly. He says such diseases must be isolated and contained, and the right people have to be notified so as not to expose others. The group will learn the right way to collect animal and soil samples and to detect biological problems early.

Source: <http://kobtv.com/index.cfm?viewer=storyviewer&id=12477&cat=HOME>

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Food Sector

22. *July 22, USAgNet* — **U.S. and Japan close to resuming beef exports. Senator Max Baucus, (D-MT), said Tuesday, July 20, he believes U.S. and Japanese officials are on the verge of an agreement that could allow the resumption of U.S. beef shipments to that country.**

Baucus expressed optimism after speaking with Japan's ambassador to the U.S., whom the Senator described as "upbeat" and giving "strong assurances" about the prospect of an agreement soon. How such an agreement would look, though, Baucus couldn't say, and added he received no guarantees on any possible provisions. However, Baucus said he believed Japan would ease up on certain testing requirements for cattle under 30 months of age and allow U.S. beef back on the market. Japan was among the countries that imposed bans on U.S. beef imports last year, after an animal in Washington state tested positive for mad cow disease. Japan has said it wouldn't allow U.S. beef back into that country until the U.S. adopts blanket testing of slaughtered cows for the disease, or puts in place measures that would have a similar effect.

Source: <http://www.usagnet.com/story-national.cfm?Id=757&yr=2004>

23. *July 21, Food Safety and Inspection Service* — **Chicken products recalled. KD Acquisitions I, LLC, a Braselton, GA, firm, is voluntarily recalling approximately 36,980 pounds of frozen, fully-cooked, chicken products that may be contaminated with Listeria monocytogenes, the U.S. Department of Agriculture's Food Safety and Inspection Service (FSIS) announced Wednesday, July 21.** The products subject to recall are: 14 lb. boxes of "Tyson, Fully Cooked Chicken Breast Fillet Fritters with Rib Meat." Additionally, 20 lb. boxes of "Spare Time, Fully Cooked, Chicken Breast Fillet Fritters with Rib Meat" have been recalled. These products were produced on July 13, 2004, and distributed to warehouses in Georgia and Arkansas. According to the company, these products have not reached retail stores. Also subject to recall are: 12 lb. boxes of "America's Choice, Fully Cooked – Breaded Chicken Nuggets Chopped and Formed. These products were produced on July 13, 2004, and distributed to grocery stores in Maryland and New York. According to the company, 120 lbs may have reached the retail level. The problem was discovered by the company. FSIS has received no reports of illnesses associated with consumption of these products.

Source: http://www.fsis.usda.gov/News_&_Events/Recall_025_2004_Release/index.asp

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Water Sector

24. *July 22, Denver Post (CO)* — **Water projects forecast to fall short of needs. Projects already in the works could supply most of the water Colorado needs for another 2.8 million residents expected by 2030, a state study has found. But the state will run short, even under the best of circumstances, according to the Statewide Water Supply Initiative, a \$2.7 million study funded by the legislature in 2003. If all the projects are built and deliver what planners expect, the state could get 90 percent of the water needed for growth. Hundreds**

of thousands of acres used for farming could dry up as cities buy their water, the study estimates. Colorado currently has 3.4 million acres of irrigated cropland. The 10 percent deficit between supply and demand will swell, said Susan Morea, project engineer for Camp Dresser & McKee, the consulting firm collecting, organizing, and analyzing the data. Many proposed projects face up to 50 percent risk of failing completely because of cost or competition, or failing to yield the amount of water planners expect, she said. Beyond draining farmland, alternatives include conserving, storing more in reservoirs, tapping aquifers more, recycling wastewater, and controlling thirsty weeds along rivers and reservoirs. **Under the best of circumstances, the state will have a gap of 15.6 billion gallons between supply and demand by 2030, according to the study.**

Source: <http://www.denverpost.com/Stories/0,1413,36~23447~2286910,00.html>

25. *July 22, Government Accountability Office* — GAO-04-974T: Safeguarding the District of Columbia's Supplies and Applying Lessons Learned to Other Systems (Testimony).

Concerns have been raised about lead in District of Columbia drinking water and how those charged with the safety of this water have carried out their responsibilities. The Government Accountability Office (GAO) is examining the current structure and coordination among key government entities that implement the Safe Drinking Water Act's lead regulations in the District of Columbia, the availability of data necessary to determine which adult and child populations are at greatest risk from exposure to elevated lead levels, and the state of research on the health effects of lead exposure. **GAO has found one of the key relationships in the effort to ensure the safety of the District's drinking water is the one between the District's Water and Sewer Authority (WASA) and the Environmental Protection Agency's Philadelphia, PA, office, which oversees WASA's compliance with drinking water regulations.** Recent statements and corrective actions by these parties clearly indicate that coordination and communication could have been better between them in the years preceding the current lead controversy. **WASA, also, faces challenges in collecting the information needed to identify residents at greatest risk from lead in drinking water. Nationally, little research has been done to determine actual lead exposure from drinking water.**

Source: <http://www.gao.gov/cgi-bin/getrpt?GAO-04-974T>

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Public Health Sector

26. *July 22, Medical News Today* — Physicians warn of brewing superbug crisis. To avert a looming public health crisis with a unique set of underlying causes, Congress and the Bush Administration, including federal public health agencies, must act quickly to reinvigorate pharmaceutical investment in antibiotic research and development. Otherwise, doctors won't have drugs to protect Americans against antibiotic-resistant infections. That is the key message of the report, *Bad Bugs, No Drugs: As Antibiotic Discovery Stagnates ... A Public Health Crisis Brews*, which the Infectious Diseases Society of America (IDSA) presents Thursday, July 22, to Congress and federal policymakers. The report is the product of a year's worth of research by some of the country's top infectious disease physicians. **This year, nearly two million people in the U.S. will acquire bacterial infections while in the hospital, and about 90,000 of them will die, according to estimates from the Centers for Disease Control and Prevention. More than 70 percent of the bacteria that**

cause these infections will be resistant to at least one of the drugs commonly used to fight them. In a growing and frightening number of cases, these bacteria are resistant to many approved drugs. Copies of the report can be accessed and downloaded from the IDSA home page at <http://www.idsociety.org>.

Source: <http://www.medicalnewstoday.com/medicalnews.php?newsid=11074>

27. July 22, Reuters — Possible vCJD transfer via blood found. The UK government has extended restrictions on blood donations after a second person was suspected of being infected with the human form of mad cow disease through a blood transfusion. The government announced what was thought to be the world's first case of transmission of variant Creutzfeldt–Jakob disease (vCJD) via transfusion last December, after a patient died several years after receiving blood from a donor later found to have had the illness. "A second case of possible transmission of vCJD from person to person via blood transfusion has now been confirmed by the National CJD Surveillance Unit," the Department of Health said in a statement on Thursday, July 22. It added that the unidentified patient, now dead, received a blood transfusion in 1999 from a donor who later went on to develop vCJD. After the first suspected case, the UK banned people who have had transfusions over the past 24 years from donating blood, to reduce the risk of spreading vCJD. It widened the restrictions on Thursday, July 22, to include donors who are unsure whether they have previously had a blood transfusion and those only donating a specific blood component such as platelets.

Source: <http://www.reuters.co.uk/newsPackageArticle.jhtml?type=topNews&storyID=551889§ion=news>

28. July 22, United Press International — BioWar: balancing rights and needs legally. Public health laws are set primarily by the states and vary from place to place. That variation troubles federal officials concerned with making national plans. To help states make changes, the U.S. Centers for Disease Control and Prevention funded an effort to look at what provisions states needed to consider. The result was the Model State Emergency Health Powers Act (MEHPA). Draft language for MEHPA was written by the Center for Law and the Public's Health for state lawmakers to use as a template. **If enacted, MEHPA would permit states to take control of medical supplies and drugs, even those owned by others, during a public health emergency. Officials could also seize, use, and, if necessary, destroy property. During an emergency officials could isolate or quarantine anyone who refused to be examined, vaccinated, or treated.** People could be tested for illness. Isolation and quarantine could take place with only the written directive of public health officials. Control of resources is another sticky point that will need to be worked out. During the anthrax attacks in 2001, the government put a halt on manufacturer shipments of the antibiotic Cipro. Kaiser Permanente was unable to get Cipro for East Coast patients from suppliers.

Source: <http://www.upi.com/view.cfm?StoryID=20040721-101902-3555r>

29. July 21, Los Alamos National Laboratory — Mapping the evolution of a virus. A University of California scientist working at Los Alamos National Laboratory with collaborators from the University of Cambridge (England) and the World Health Organization have developed a computer modeling method for mapping the evolution of the influenza virus. **The method could soon help medical researchers worldwide develop a better understanding of certain mutations in influenza and other viruses that allow diseases to dodge the human immune system.** In a paper published in the journal *Science*, the team of scientists describe their work

quantifying and visualizing the antigenic and genetic evolution of the influenza A (H3N2) virus from its initial introduction into humans in 1968 up to 2003. The study resulted in a map that shows the virus evolved as a series of 11 closely related virus clusters as it has sought to elude human immunity over the decades. The mapping method will allow researchers involved in vaccine development and viral surveillance programs for influenza, and potentially for other pathogens, to quantify and visualize the evolution of these viruses. It can assist in monitoring antigenic differences among vaccine and circulating viral strains. **The approach also offers a route for predicting the relative infection success of emerging virus strains.**

Source: <http://www.sciencedaily.com/releases/2004/07/040721085329.htm>

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Government Sector

Nothing to report.

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Emergency Services Sector

30. July 22, Times–Standard Online (CA) — Spill drill to test Hazmat response. A car jets out from the stop sign at the Samoa Bridge trying to beat the tanker truck motoring onto the Samoa Peninsula. The big rig topples, fracturing its tank, spilling thousands of gallons of chemicals onto State Highway 255. The California Highway Patrol (CHP) gets the first 911 call. **It's all part of an exercise planned for next week to see what happens from there. The Humboldt County Department of Health and Human Services Environmental Health Division wants to test the response of up to 60 agencies to a hazardous materials spill.** What are the strong points of the response? What are the weak points? The department will recreate the accident at the Samoa drag strip near the Eureka Municipal Airport on the peninsula Tuesday morning. Department hazardous materials specialist Melissa Martel won't give details of the plan that's been in development for a year. "We want to treat it as a surprise," Martel said.

Source: <http://www.times-standard.com/Stories/0,1413,127~2896~228825,3,00.html>

31. July 22, Dallas Morning News (TX) — Grant helps city cope with disaster, boost communications and equipment. Grants worth about \$510,000, will help improve communications capabilities at City Hall and law enforcement efforts in Irving, TX. Crews will place fiber–optic cable between City Hall and an emergency operations center. Some of the grant money will be used to replace an emergency generator at City Hall. Other funds will be used to purchase a surveillance vehicle for the Police Department and to enhance police security, perhaps at police headquarters at the Criminal Justice Center, said Officer David Tull, Irving police spokesperson. The city has received at least \$2.3 million in security grants since 2001, officials said. While earlier grants were aimed at emergency responders who would be the first to help during a crisis, the latest grants are focused on beefing up city infrastructure. Funding is based on a variety of factors, including population, said Jason Cook, spokesperson for Texas Engineering Extension Service, the state's administrative agency for Department of Homeland Security funds.

Source: <http://www.dallasnews.com/sharedcontent/dws/news/city/irving>

32. *July 21, United Press International* — **First-responder communications vulnerable.** There are more than 2.5 million first responders — police officers, fire fighters, emergency medical personnel, public-health officials and others — within more than 50,000 public-safety organizations nationwide, according to the Wireless Public Safety Interoperable Communications Program (SAFECOM) housed within the Department of Homeland Security (DHS). Volunteers constitute 85 percent of fire personnel, and nearly as many emergency management technicians are volunteers with elected leadership. **An array of technologies, equipment types and spectrum bands are used by various agencies, making communication between agencies difficult during times of crisis.** In response, the Federal Communications Commission (FCC) has designated certain channels in the public-safety bands specifically for interoperability. Beginning January 1, 2005, the FCC will require newly certified public-safety mobile radio units to have the capacity for interoperability. In May the DHS created the Office of Interoperability and Compatibility, which it expects to be fully established by November.

Source: <http://www.upi.com/view.cfm?StoryID=20040720-014048-2234r>

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Information Technology and Telecommunications Sector

33. *July 23, Cisco Systems, Inc.* — **Cisco Security Advisory: Cisco ONS 15327, ONS 15454, ONS 15454 SDH, and ONS 15600 Malformed Packet Vulnerabilities.** Cisco has fixed multiple malformed packet vulnerabilities in the TCP/IP stacks of Cisco ONS 15327 Edge Optical Transport Platform, the Cisco ONS 15454 Optical Transport Platform, the Cisco ONS 15454 SDH Multiplexer Platform, and the Cisco ONS 15600 Multiservice Switching Platform. **The malformed packet vulnerabilities could be exploited to launch a DoS attack on the optical device.** The timing for the data channels traversing the switch is provided by the control cards. On the Cisco ONS 15454, ONS 15327, and ONS 15454 SDH hardware, whenever both the active and standby control cards are rebooting at the same time, the synchronous data channels traversing the switch drop traffic until the card reboots. Asynchronous data channels traversing the switch are not impacted. Manageability functions provided by the network element using the TCC+/TCC2, XTC, and TCCi/TCC2 control cards are not available until the control card reboots. The CSCee27329 (passwd) vulnerability could be exploited to gain unauthorized access to an account with a blank password set.

Source: <http://www.cisco.com/warp/public/707/cisco-sa-20040721-ons.s.html>

34. *July 21, University of Michigan* — **Researchers overcome barrier to shrinking wireless devices. University of Michigan (UM) researchers have figured out how to build wireless systems even smaller while still retaining range and power efficiency.** One obstacle to further shrink small wireless devices has been trying to fit all the components onto one chip but UM researchers have built a tiny silicon-compatible antenna and frequency resonator that will do just that. The antenna and resonator are two of the most problematic off-chip components in wireless systems. The two components require large amounts of space off the chip. Until now, small antennas weren't power efficient and resonators were not accurate, said Kamal Sarabandi, director of the radiation laboratory department in electrical engineering and computer science

(EECS). Rather than using a traditional wire antenna, researchers built a slot antenna. Because of the antenna's shape, the wireless system does not need a network to match the antenna's frequency to the rest of the electronic device. The second component UM scientists replaced is the quartz frequency resonator, which allows a wireless device to focus on a specific signal and ignore others. Instead of quartz, UM scientists used MEMS-based technology to build the resonator so it can be fitted onto the chip.

Source: http://www.eurekalert.org/pub_releases/2004-07/uom-rob072104.php

35. *July 21, Government Accountability Office* — **GAO-04-926T: German DTV Transition Differs from U.S. Transition in Many Respects, but Certain Key Challenges Are Similar (Testimony)**. In Berlin, Germany, the transition from analog to digital television (DTV) culminated in the shutoff of analog signals in August 2003. **The December 2006 deadline for culmination of DTV transition in the U.S. seems unlikely to be met. Failure to meet this deadline will delay the return of valuable spectrum for public safety and other commercial purposes.** The Government Accountability Office (GAO) examined the structure and regulation of the German television market, how the Berlin DTV transition was achieved, and whether there are critical components of how the DTV transition was achieved in Berlin and other areas of Germany that have relevance to the ongoing DTV transition in the United States. GAO found much of the challenge of government officials leading up to and during the simulcast in Berlin was on ensuring households who rely on terrestrial television received the necessary consumer equipment. **The challenge facing the U.S. Congress and the Federal Communications Commission is encouraging households to purchase set-top boxes or digital televisions.**

Source: <http://www.gao.gov/cgi-bin/getrpt?GAO-04-926T>

36. *July 21, Government Computer News* — **FTC wants to encourage e-mail authentication standards. The Federal Trade Commission (FTC) is responsible for policing the Internet for online fraud, but keeping up with the onslaught of new schemes is a major challenge.** A Gartner Inc. study estimated 1.8 million people have submitted information to fraudulent sites. **Being able to identify the origin of e-mail is key to enforcing laws against online fraud, so FTC will host a summit for industry experts this fall to help develop requirements for an e-mail authentication standard.** Some e-mails contain official-looking forms, and others contain links to official-looking Web sites where personal information can be submitted. A number of standards are in the works for authenticating the origin of e-mail. Microsoft Corp. recently announced it would combine its proposed Caller ID for E-Mail protocol with the Sender Policy Framework into a single technical specification. Yahoo is working on Domain Keys, a public-key infrastructure scheme, and the Internet Engineering Task Force has established a working group that expects to propose an authentication standard this year.

Source: http://gcn.com/vol1_no1/daily-updates/26674-1.html

37. *July 21, Government Accountability Office* — **GAO-04-957T: Information and Technology Management: Responsibilities, Reporting Relationships, Tenure, and Challenges of Agency Chief Information Officers (Testimony)**. Federal agencies rely extensively on information technology (IT) to effectively implement major government program. To help agencies manage their substantial IT investments, the Congress has established a statutory framework of requirements, roles, and responsibilities relating to IT management. **The**

Government Accountability Office (GAO) was asked to summarize its report on federal chief information officers' (CIO) responsibilities, reporting relationships, and tenure and on the challenges that CIOs face (Federal Chief Information Officers: Responsibilities, Reporting Relationships, Tenure, and Challenges, GAO-04-823, July 21, 2004) and to offer suggestions for actions that both the Congress and the agencies can take in response to these findings.

Source: <http://www.gao.gov/highlights/d04957thigh.pdf>

Internet Alert Dashboard

DHS/US-CERT Watch Synopsis

Over the preceding 24 hours, there has been no cyber activity which constitutes an unusual and significant threat to Homeland Security, National Security, the Internet, or the Nation's critical infrastructures.

US-CERT Operations Center Synopsis: Microsoft has released its July Security Updates. Two of these updates are of a critical nature and should be applied to vulnerable systems. For more information, see Microsoft's bulletin http://www.microsoft.com/security/bulletins/200407_windows.m_spx

Current Port Attacks

Top 10 Target Ports	4899 (radmin), 135 (epmap), 1433 (ms-sql-s), 137 (netbios-ns), 1434 (ms-sql-m), 9898 (dabber), 5554 (sasser-ftp), 445 (microsoft-ds), 6129 (dameware), 25 (smtp)
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Source: <http://isc.incidents.org/top10.html>; Internet Storm Center

To report cyber infrastructure incidents or to request information, please contact US-CERT at soc@us-cert.gov or visit their Website: www.us-cert.gov.

Information on IT information sharing and analysis can be found at the IT ISAC (Information Sharing and Analysis Center) Website: <https://www.it-isac.org/>.

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Commercial Facilities/Real Estate, Monument & Icons Sector

38. *July 22, Morning Call (PA)* — Dynamite found in Allentown, PA, under bridge, closing streets, snarling traffic. The discovery of a case of dynamite Wednesday, July 21, in a scrap yard next to the Seventh Street bridge in Allentown, PA, paralyzed rush-hour traffic, forced the evacuation of about 70 residents and, with heightened terrorism awareness, immediately led local authorities to alert federal agents. Residents were allowed back into their homes and traffic patterns were restored less than six hours after the initial call. The Allentown Fire Department's bomb squad doused at least 60 sticks of dynamite with diesel fuel to neutralize them, then burned them to avoid an explosion. The investigation is ongoing and includes officials from the FBI and the federal Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF).

Source: http://www.mcall.com/news/local/all-a1_5dynamite.3768097jul2.0.2903186.story?coll=all-newslocal-hed

39. *July 22, Courier (TX)* — **Officers respond to bomb threat at a Texas courthouse. Officers and bomb-sniffing dogs searched for hidden explosives at the Montgomery County Courthouse in Texas on Wednesday, July 21.** Jim Strong, director of the Montgomery County Emergency Management office, said the officers were responding to a bomb threat after an unknown man called in to a clerk inside the courthouse. Officers from Emergency Management, the Constable's office, and the Montgomery County Sheriff's Department then evacuated the courthouse, blocked off several streets surrounding the building and patrolled the perimeter to keep bystanders and onlookers from getting too close to the building. Two bomb-sniffing dogs were used to clear the building, one from the Constable's office and another from an Alcohol, Tobacco and Firearms (ATF) officer who happened to be in the area with his dog when he heard the news. Lt. Bruce Zenor, from the North County Detectives office of the Montgomery County Sheriff's Department, said that after two hours of searching the courthouse top to bottom, as well as parked cars on the street and in the garage, no bomb was found, and the building was cleared for reentry at 10:30 a.m.

Source: http://www.zwire.com/site/news.cfm?BRD=1574&dept_id=532215&newsid=12430550&PAG=461&rfi=9

40. *July 22, Christian Science Monitor* — **Boston battens down for Democratic National Convention (DNC). Local and federal cameras will be used to monitor the FleetCenter and buildings and streets across Boston, MA, during the DNC. Hundreds of cameras already in use by state and city agencies, including the Massachusetts Bay Transportation Authority (MBTA) and the Big Dig, will be available if necessary.** Hotels are also ratcheting up security measures. Harvey Brandt, chairman of the International Lodging, Safety, and Security Association (ILSSA) in Boston, says that security officers will check identification at many hotels before guests enter and then again at elevator banks.

Source: <http://www.csmonitor.com/2004/0722/p01s01-uspo.html>

41. *July 21, KGW –TV 8 (OR)* — **Portland police blow up package across from federal building. The Portland, OR, police bomb squad blew up a suspicious package Wednesday, July 21, across from the federal building in downtown Portland.** The bomb squad said a foot long square box was found at about 8:00 a.m., at the Terry Schrunk Plaza. Investigators said they don't know what was inside the package. They closed off several downtown blocks, while blowing up the package. The bomb squad then swept a nearby park, which is federal property, to ensure nothing else was there.

Source: http://www.kgw.com/news-local/stories/kgw_072104_news_suspicious_package.fe1d9d4.html

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General Sector

42. *July 22, CNN* — **Report from the 911 panel. The independent National Commission on Terrorist Attacks Upon the United States released its findings on Thursday, July 22, in a 570-page report, which also offers recommendations for reforming U.S. security agencies.** The chairman of the panel investigating the attacks of September 11, 2001, said his commission found that the "United States government was simply not active enough in combating the terrorist threat before 9/11." Thomas Kean and his fellow panelists are citing a "failure of

imagination" that they say kept U.S. officials from understanding the al Qaeda threat before the attacks on New York and Washington. In a news conference Thursday, Kean said that the United States is "faced with one of the greatest security challenges in our long history." "Every expert with whom we spoke told us an attack of even greater magnitude is now possible and even probable. We do not have the luxury of time," Kean said. The document will be on sale in bookstores for \$10. It will also be available online and through the Government Printing Office. **The bipartisan panel was established by Congress to investigate the events before, during and immediately after the attacks of September 11, 2001.**

Source: <http://www.cnn.com/2004/ALLPOLITICS/07/22/911.report/index.html>

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DHS/IAIP Products & Contact Information

The Department of Homeland Security's Information Analysis and Infrastructure Protection (IAIP) serves as a national critical infrastructure threat assessment, warning, vulnerability entity. The IAIP provides a range of bulletins and advisories of interest to information system security and professionals and those involved in protecting public and private infrastructures. By visiting the IAIP Web page (<http://www.nipc.gov>), one can quickly access any of the following DHS/IAIP products:

[DHS/IAIP Alerts](#) – Advisories and Information Bulletins: DHS/IAIP produces two levels of infrastructure warnings. Collectively, these threat warning products will be based on material that is significant, credible, timely, and that addresses cyber and/or infrastructure dimensions with possibly significant impact.

[DHS/IAIP Daily Open Source Infrastructure Reports](#) – The DHS/IAIP Daily Open Source Infrastructure Report is a daily [Monday through Friday] summary and assessment of open-source published information concerning significant critical infrastructure issues.

[DHS/IAIP Daily Reports Archive](#) – Access past DHS/IAIP Daily Open Source Infrastructure Reports.

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To report physical infrastructure incidents or to request information, please contact the National Infrastructure Coordinating Center at nicc@dhs.gov or (202) 282-9201.

To report cyber infrastructure incidents or to request information, please contact US-CERT at soc@us-cert.gov or visit their Web page at www.us-cert.gov.

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