



Homeland  
Security

# Daily Open Source Infrastructure Report

## 11 August 2014

### Top Stories

- Thirteen suspects were indicted in federal court August 7 for allegedly operating a major counterfeit currency ring that distributed over \$77 million in fake bills in several States since at least 1999. – *Bloomberg News* (See item [6](#))
- A hunter was charged August 7 with starting the August 2013 Rim Fire which burned over 250,000 acres in California, injured 10 people, and damaged over 100 structures. – *Los Angeles Times* (See item [20](#))
- Kaspersky Lab identified the infection methods used in the Epic Turla cyber-espionage campaign that targeted military organizations, government agencies, education institutions, and pharmaceutical companies in over 45 countries. – *Securityweek* (See item [27](#))
- Accuvant announced that up to 2 billion smartphone handsets are at risk for over the air hijacking which can be exploited through the Open Mobile Alliance Device Management protocol, used by approximately 100 mobile phone manufacturers. – *The Register* (See item [30](#))

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## **Energy Sector**

1. *August 7, Associated Press* – (Illinois) **NRG Energy to close 1 Illinois coal unit, convert facility to reduce carbon emissions.** NRG Energy Inc., announced August 7 that it will close Will County Unit 3, one of its two coal-fired generating units in Romeoville in April 2015 and convert a power facility in Joliet to natural gas in 2016 in order to reduce carbon dioxide emissions.

Source:

<http://www.greenfieldreporter.com/view/story/9420d12a77c54a0faf2be04ddbe8e855/IL--Illinois-Coal-Plants>

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## **Chemical Industry Sector**

2. *August 8, Farmington Daily Times* – (New Mexico) **Semitrailer with hazardous materials explodes.** Authorities are investigating after a semi-truck carrying hazardous chemicals exploded on U.S. Highway 491 in Naschitti August 7, prompting the several-hour closure of the highway. An evacuation order for residents living within a 2-mile radius of the crash site was lifted after about 3 hours.

Source: [http://www.daily-times.com/News/ci\\_26293312/Semitrailer-with-hazardous-materials-explodes](http://www.daily-times.com/News/ci_26293312/Semitrailer-with-hazardous-materials-explodes)

3. *August 8, WZZM 13 Grand Rapids* – (Michigan) **Fire causes evacuation at Holland plant.** Authorities believe a fire that started in a piece of machinery and spread to a ventilation system was the cause of a several hour evacuation of the Uniform Color Company plant in Holland, Michigan, August 8.

Source: <http://www.wzzm13.com/story/news/local/holland-zeeland/2014/08/08/holland-plant-fire-uniform-color/13763707/>

4. *August 7, WCAU 10 Philadelphia* – (Pennsylvania) **MontCo building fire sparks Hazmat situation.** Two workers were injured in a chemical fire that broke out inside a Penn Color Inc., colorant facility in Hatfield August 7. Firefighters brought the blaze under control and the incident is under investigation.

Source: <http://www.nbcphiladelphia.com/news/local/Hamat-270421011.html>

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## **Nuclear Reactors, Materials, and Waste Sector**

Nothing to report

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## **Critical Manufacturing Sector**

5. *August 7, U.S. Department of Labor* – (Ohio) **US Department of Labor's OSHA cites**

**Exel Inc. for unsafe forklift operation at Toledo, Ohio, auto parts warehouse.** The Occupational Safety and Health Administration cited Exel Inc., for one repeat and two serious safety violations at its Toledo automotive parts distribution center and warehouse for exposing workers to hazards due to improper forklift operation. Proposed fines totaled \$52,500.

Source:

[https://www.osha.gov/pls/oshaweb/owadisp.show\\_document?p\\_table=NEWS\\_RELEASES&p\\_id=26499](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=NEWS_RELEASES&p_id=26499)

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## **Defense Industrial Base Sector**

See item [27](#)

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## **Financial Services Sector**

6. *August 7, Bloomberg News* – (International) **U.S. charges 13 with spreading \$77 million in fake bills.** Thirteen suspects arrested by U.S. Secret Service agents in May and June were indicted in federal court August 7 for allegedly operating a major counterfeit currency ring that distributed over \$77 million in fake bills in several States along the East Coast since at least 1999. The fake bills were believed to have been manufactured in Israel, and the group allegedly established a counterfeit bill printing press in New Jersey in January 2014.

Source: <http://www.businessweek.com/news/2014-08-07/u-dot-s-dot-charges-13-with-spreading-77-million-in-fake-bills>

7. *August 7, Miami Herald* – (Florida) **TotalBank responds to computer security breach.** Miami-based TotalBank notified 72,500 customers after an investigation revealed that unauthorized individuals may have accessed the bank's systems and obtained customer names, account numbers, addresses, account balances, and other personal information. The bank stated that it took action to secure its systems and is continuing to investigate.

Source: <http://www.miamiherald.com/2014/08/07/4277318/totalbank-responds-to-computer.html>

8. *August 7, IDG News Service* – (International) **Some mobile POS devices still affected by critical flaws months after patch.** A researcher with MWR InfoSecurity and a colleague presenting at the Black Hat 2014 conference detailed how flaws in mobile point of sale (mPOS) devices from several manufacturers may be vulnerable to being taken over by attackers using customized smart cards in order to steal the payment card information read by the devices. The researchers reported the flaws previously and a patch for the EMV library was released in April, but some vendors have yet to push out the update to their devices, leaving the devices vulnerable.

Source: <http://www.networkworld.com/article/2463081/security/some-mobile-pos->

[devices-still-affected-by-critical-flaws-months-after-patch.html](#)

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## **Transportation Systems Sector**

9. *August 8, WNBC 4 New York City* – (New York) **Train evacuated after derailment on Staten Island: MTA.** The last car of a 4-car Metropolitan Transportation Authority train derailed as it approached the St. George Terminal in Staten Island August 7 prompting authorities to evacuate the 90 customers on board and shut down service for repairs. The railway operated limited local service through August 8.  
Source: <http://www.nbcnewyork.com/news/local/Train-Derail-Staten-Island-Ferry-Police-Emergency-270363641.html>
10. *August 8, KMOV 4 St. Louis* – (Missouri) **Six injured after propane explosion in north St. Louis.** Six workers were injured in an explosion due to a leak from a propane tank being switched out on a forklift being used to move hazardous materials at SAIA Motor Freight Line in St. Louis August 7.  
Source: <http://www.kmov.com/news/local/Firefighters-Five-injured-after-propane-explosion-in-north-St-Louis-270419421.html>
11. *August 7, KBMT 12 Beaumont* – (Texas) **I-10 reopened after acid spill shut down stretch of highway for nearly 8 hours.** Two people were injured in an accident involving two semi-trucks and a car August 7 that prompted a stretch of eastbound Interstate 10 in Beaumont to shut down for nearly 8 hours and reopen August 8.  
Source: <http://www.12newsnow.com/story/26227779/acid-spill-shuts-down-eastbound-lanes-of-interstate-10-in-beaumont>

For additional stories, see items [2](#) and [19](#)

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## **Food and Agriculture Sector**

12. *August 8, KMGH 7 Denver* – (Colorado) **Fort Collins restaurant Tortilla Marissa's reopens after Hepatitis A outbreak.** Tortilla Marissa's North of the Border Cafe in Fort Collins, the restaurant linked to a possible Hepatitis A outbreak, will reopen August 9 after it voluntarily closed for 6 weeks to undergo a deep clean and inspection by the Larimer County Department of Health. Hundreds of patrons received vaccination shots after a worker at the restaurant tested positive for Hepatitis A in June.  
Source: <http://www.thedenverchannel.com/news/local-news/fort-collins-restaurant-tortilla-marissas-reopens-after-hepatitis-a-outbreak>
13. *August 7, Associated Press* – (Wisconsin) **Manure digester explosion sparks fire.** Officials believe an explosion that destroyed the \$250,000 nylon inflatable roof of a 1.25-million gallon manure digester at the Clear Horizons LLC biodigester near Waunakee was caused by the ignition of methane gas when an employee started an

electric blower. The digester was taken offline indefinitely while authorities investigate and determine if the biodigester is safe to resume operations.

Source: [http://www.twincities.com/localnews/ci\\_26296885/manure-digester-explosion-sparks-fire](http://www.twincities.com/localnews/ci_26296885/manure-digester-explosion-sparks-fire)

14. *August 7, Mississippi Press* – (Mississippi) **Omega Protein resumes operation at Moss Point plant after fatal explosion.** Normal operations resumed August 6 at the Omega Protein fish processing facility in Moss Point following a comprehensive inspection of the facility's equipment. One subcontractor was killed and three others were injured July 28 when a fish oil storage tank inside the plant exploded.  
Source: [http://blog.gulflive.com/mississippi-press-news/2014/08/omega\\_protein\\_resumes\\_operatio.html](http://blog.gulflive.com/mississippi-press-news/2014/08/omega_protein_resumes_operatio.html)
15. *August 6, KCAU 9 Sioux City* – (Nebraska) **Laurel man dies in grain bin accident.** A worker that was trying to break corn loose in a grain bin near Dixon, Nebraska, died August 5 when he was submerged by the released corn.  
Source: <http://www.siouxlandmatters.com/story/d/story/man-dies-in-grain-bin-accident-in-dixon-co/16330/iZbeV2Up9EW8jHcIb8Vngg>

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## **Water and Wastewater Systems Sector**

16. *August 7, Salt Lake Tribune* – (Utah) **Grand County wastewater firm agrees to pay Utah a \$50,000 fine.** Danish Flats Environmental Services agreed to pay \$50,000 to Utah to resolve Grand County's allegations that it build and operated evaporation ponds without permits from the Utah Division of Air Quality (DAQ). The company was issued an approval order for its operations August 4 by the DAQ.  
Source: <http://www.sltrib.com/sltrib/politics/58267844-90/danish-flats-oil-gas.html.csp>

For another story, see item [21](#)

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## **Healthcare and Public Health Sector**

17. *August 8, KJRH 2 Tulsa* – (Oklahoma) **St. John Medical Center evacuates basement occupants as a result of a bleach spill.** Patients and employees at Mary K. Chapman Health Plaza in Tulsa were evacuated for over 2 hours August 7 after bleach was spilled in the basement of the St. John Medical Center building. The building's HVAC system was shut down as a precaution while a HAZMAT crew tested the air quality and cleared the scene.  
Source: <http://www.kjrh.com/news/local-news/chlorine-spill-at-st-johns-medical-center-reports-spill-in-basement>
18. *August 7, U.S. Department of Labor* – (New York) **Corizon Health Inc. cited for inadequate workplace violence safeguards at Rikers Island correctional facility in**

**New York.** The Occupational Safety and Health Administration cited Corizon Health Inc., for knowingly failing to protect employees against workplace violence and assault following an inspection of Rikers Island correctional facility in New York City that began in February. The administration found an increase in the number of workplace violence incidents involving employees and proposed fines totaling \$71,000.

Source:

[https://www.osha.gov/pls/oshaweb/owadisp.show\\_document?p\\_table=NEWS\\_RELEASES&p\\_id=26505](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=NEWS_RELEASES&p_id=26505)

For another story, see item [27](#)

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## **Government Facilities Sector**

19. *August 7, Associated Press* – (Oregon; Idaho; Washington) **Evacuated after Oregon fire, some residents return.** Evacuation orders for some residents living in Oregon's Columbia Gorge were lifted August 7 while fire crews continued to battle the Rowena Fire which grew to 4.1 square miles. Firefighters also worked to contain numerous wildfires burning in Idaho and Washington which have combined, burned thousands of acres and destroyed several homes and structures.

Source: <http://news.msn.com/us/evacuated-after-oregon-fire-some-residents-return>

20. *August 7, Los Angeles Times* – (California) **Hunter charged with sparking massive Rim fire, state's third-largest.** A hunter was charged by a federal grand jury August 7 with starting a campfire in the Stanislaus National Forest in August 2013 that spread to become the Rim Fire burning over 250,000 acres in and around Yosemite National Park. The fire left 10 people injured and burned more than 100 structures in addition to causing significant environmental damage.

Source: <http://www.latimes.com/local/lanow/la-me-ln-rim-fire-charges-20140807-story.html>

For another story, see item [27](#)

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## **Emergency Services Sector**

21. *August 7, KOVR 13 Stockton* – (California) **Thousands of gallons of water stolen from small town's fire department.** Officials are investigating after thieves stole 8,000 gallons of water from the North San Juan Fire District in Nevada County by driving up to the valve and pumping water out of the water tanks on site.

Source: <http://sacramento.cbslocal.com/2014/08/07/thousands-of-gallons-of-water-stolen-from-small-towns-fire-department/>

22. *August 7, WLEX 18 Lexington* – (Kentucky) **For the second time this week a Kentucky fire station burns.** The South Hopkins Fire Department facility in

Nortonville was destroyed along with five fire trucks that were inside the building after a fire broke out August 6, causing an estimated loss of nearly \$1 million. Volunteer fire departments around the area will cover the South Hopkins district.

Source: <http://www.lex18.com/news/for-the-second-time-this-week-a-kentucky-fire-station-burns>

For another story, see item [18](#)

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## **Information Technology Sector**

23. *August 8, Softpedia* – (International) **Network access storage devices are highly exploitable.** A researcher from Independent Security Evaluators presenting at the Black Hat 2014 conference reported finding a wide variety of vulnerabilities in network access storage (NAS) devices from several manufacturers, including directory traversal, command injection, memory corruption, authentication bypass, or back door vulnerabilities.  
Source: <http://news.softpedia.com/news/Network-Access-Storage-Devices-Are-Highly-Exploitable-454103.shtml>
24. *August 8, Help Net Security* – (International) **Critical bug in WordPress plugin allows site hijacking.** Sucuri researchers identified and reported a vulnerability in the Custom Contact Forms plugin for WordPress that could allow attackers to take control of sites using the plugin. The developers of Custom Contact Forms published an update for the plugin after the issue was published by the WordPress Security team.  
Source: <http://www.net-security.org/secworld.php?id=17227>
25. *August 8, Help Net Security* – (International) **Two Gameover Zeus variants targeting Europe and beyond.** Researchers at Bitdefender identified two Gameover Zeus variants in the wild, one botnet primarily targeting the U.S. while the second targets Belarus and Ukraine. The first botnet is generating around 1,000 domains per day while the second generates 10,000 per day but appears to currently be inactive.  
Source: [http://www.net-security.org/malware\\_news.php?id=2833](http://www.net-security.org/malware_news.php?id=2833)
26. *August 8, Securityweek* – (International) **Cybercriminals steal cryptocurrency via BGP hijacking.** Researchers with Dell SecureWorks reported finding cybercriminals using fake Border Gateway Protocol (BGP) broadcasts to redirect traffic from cryptocurrency mining pools to servers they control, diverting tens of thousands of dollars in cryptocurrency. The attackers compromised 51 mining pools hosted on 19 hosting companies.  
Source: <http://www.securityweek.com/cybercriminals-steal-cryptocurrency-bgp-hijacking>
27. *August 7, Securityweek* – (International) **Attackers used multiple zero-days to hit spy agencies in cyber-espionage campaign.** Kaspersky Lab researchers identified the infection methods used in the Epic Turla cyber-espionage campaign (also known as



Snake or Uroburos) that targeted intelligence agencies, military organizations, government agencies, education institutions, pharmaceutical companies, and research groups in over 45 countries. The attackers behind the campaign used several malware platforms and zero-day exploits in Windows XP and Server 2003 and Adobe Reader to infect systems and then could upgrade the malware with additional capabilities once in place.

Source: <http://www.securityweek.com/attackers-used-multiple-zero-days-hit-spy-agencies-cyber-espionage-campaign>

28. *August 7, Dark Reading* – (International) **Attack harbors malware in images.** A researcher with Dell SecureWorks reported finding the Lurk malware being distributed within a fake digital image as part of a click fraud campaign that infected around 350,000 systems. The malware in the campaign was spread through iFrames on Web sites containing an Adobe Flash exploit, and required victims to have a vulnerable version of Adobe Flash that is used to download the fake image file, which contains an encrypted URL that downloads a second malicious payload.

Source: <http://www.darkreading.com/endpoint/attack-harbors-malware-in-images/d/d-id/1297867>

29. *August 7, Securityweek* – (International) **Flaws in email and Web filtering solutions expose organizations to attacks: Researcher.** A researcher at NCC Group presenting at the Black Hat 2014 conference published two whitepapers outlining how email and Web filtering solutions can be used by attackers in the reconnaissance phase of attacks to obtain information on a potential target network if the attackers can determine which products or services are being used on the target network.

Source: <http://www.securityweek.com/flaws-email-and-web-filtering-solutions-expose-organizations-attacks-researcher>

For another story, see item [30](#)

### Internet Alert Dashboard

To report cyber infrastructure incidents or to request information, please contact US-CERT at [soc@us-cert.gov](mailto:soc@us-cert.gov) or visit their Web site: <http://www.us-cert.gov>

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

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## Communications Sector

30. *August 8, The Register* – (International) **‘Up to two BEEELLION’ mobes easily hacked by evil base station.** Researchers from the security firm Accuvant announced at the Black Hat 2014 conference August 7 that up to 2 billion smartphone handsets are at risk for over the air hijacking and abuse which can be exploited through the Open Mobile Alliance Device Management (OMA-DM) protocol, used by approximately 100 mobile phone manufacturers. To access the handsets remotely the hacker only



needs to know the handset's unique International Mobile Station Equipment Identity (IMEI) number and a secret token.

Source:

[http://www.theregister.co.uk/2014/08/08/two\\_billeon\\_mobile\\_phones\\_easily\\_hackable\\_with\\_dummy\\_base\\_station/](http://www.theregister.co.uk/2014/08/08/two_billeon_mobile_phones_easily_hackable_with_dummy_base_station/)

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## **Commercial Facilities Sector**

31. *August 8, Kansas City Star* – (Missouri) **Children escape injury when Kansas City church collapses.** Sixty-three children and staff members attending a vacation bible school held by Rio de Agua Viva were safely evacuated from a Kansas City church August 7 as the building partially collapsed. Authorities believe the structural collapse may be a result of heavy rain that caused gutters to clog.  
Source: <http://www.kansascity.com/news/local/article1164274.html>
32. *August 8, WCAU 10 Philadelphia* – (Pennsylvania) **1 Hurt, 25 impacted as fire burns through Montco apartments.** Authorities are investigating after up to 25 residents were displaced from about 8 units at the Woods Apartment Complex in Ambler due to a fire that tore through the building August 8. One resident was transported to an area hospital with symptoms of smoke inhalation.  
Source: <http://www.nbcphiladelphia.com/news/local/Woods-Upper-Dublin-Fire-270445781.html>
33. *August 7, KDFW 4 Dallas* – (Texas) **Arsonist closes Lancaster Walmart with fake flower fire.** Authorities are searching for a suspect that was caught on surveillance video setting artificial flowers on fire inside a Walmart store in Lancaster, Texas, August 5. The building's sprinkler system was activated by the fire and the store remained closed until at least August 8.  
Source: <http://www.myfoxdfw.com/story/26225391/police-lancaster-wal-mart-fire-set-by-arsonist>
34. *August 7, Wareham Week* – (Massachusetts) **Two-alarm fire tears through East Wareham Home Depot.** Firefighters responded August 7 to a Home Depot store in East Wareham to extinguish a 2-alarm fire that started near the electrical department of the store and caused an estimated \$300,000 in damage. The store closed indefinitely due to cleanup efforts and an investigation into the cause of the blaze.  
Source: <http://wareham-ma.villagesoup.com/p/two-alarm-fire-tears-through-east-wareham-home-depot/1222908>
35. *August 7, Boston Globe* – (Massachusetts) **Two-alarm fire damages Malden church.** Fire officials are investigating the cause of a 2-alarm fire that started in a hollow column at the First Church in Malden August 7 and caused an estimated \$75,000 to \$100,000 in damage.  
Source: <http://www.bostonglobe.com/metro/2014/08/07/two-alarm-fire-damages-malden-church-and-authorities-are-searching-for->

[cause/HPWmEjrQmP0pHVDgEbYQeL/story.html](http://www.fourstateshomepage.com/story/d/story/fire-destroys-carl-junction-united-methodist-church/78607/ucEpRvNT4UigmztAJjI8og)

36. *August 7, KODE 12 Joplin* – (Missouri) **Fire destroys Carl Junction United Methodist Church.** Authorities believe a lightning strike may be responsible for an August 7 fire that rendered the Carl Junction United Methodist Church a total loss.  
Source: <http://www.fourstateshomepage.com/story/d/story/fire-destroys-carl-junction-united-methodist-church/78607/ucEpRvNT4UigmztAJjI8og>

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## **Dams Sector**

37. *August 7, Advance-Monticellonian* – (Arkansas) **Lake Monticello dam fails inspection; city working to fix problems.** A report by the Arkansas Natural Resources Commission to the city of Monticello showed that the dam at Lake Monticello has become eroded in several areas and the upstream slope and downstream slope have become densely vegetated concluding that the dam has not been properly maintained over the years. The city responded and has begun the process of inspecting the dam and correcting the problems.  
Source: [http://mymonticellonews.net/news/article\\_56aac130-1e4a-11e4-b466-001a4bcf887a.html](http://mymonticellonews.net/news/article_56aac130-1e4a-11e4-b466-001a4bcf887a.html)

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**Department of Homeland Security (DHS)**  
**DHS Daily Open Source Infrastructure Report Contact Information**

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**Contact DHS**

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

To report cyber infrastructure incidents or to request information, please contact US-CERT at [soc@us-cert.gov](mailto:soc@us-cert.gov) or visit their Web page at [www.us-cert.gov](http://www.us-cert.gov).

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