

IN THE NEWS

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World News

The new cold war with Russia is taking on ominous signs. For instance, Russia unveiled their new 'Satan 2' ICBM with an expected range of 11,000 kilometers and a payload of 100 tons [1]. The new missile is expected to enter production in 2018 and will carry a payload of 10 heavy or 16 lighter nuclear warheads [2]. Additionally, a flotilla of Russian warships has arrived off the coast of Syria [3]. Since the Philippines decided to distance themselves with the US, in favor of China, events are changing for the better [4]. For instance, for the first time in four years, Chinese warships have left the Scarborough Shoal [5]. What's more, the list of Asian countries moving toward China over the U.S. now includes the Philippines, Thailand, Cambodia, Laos, and Malaysia [6]. However, in the East China Sea, China issued a complaint that Japanese fighter planes were involved in dangerous intercepts [7]. Meanwhile, China continues to introduce advanced military technology. At the China Air Show, the communist giant introduced the J-20 (fifth generation stealth fighter) and its CH-5 combat drone (capable of staying aloft for 60 hours with a 24 missile payload) [8]. Additionally, they displayed a new lightweight main battle tank (MBT) [9]. China also launched its new Long March-5 heavy rocket; capable of placing a 25 ton payload into low earth orbit or 14 tons into geosynchronous orbit [10].

1. Shukla, Sebastian, and Smith-Spark, Laura, CNN, *Russia unveils 'Satan 2' missile, could wipe out France or Texas, report says*, October 26, 2016.
2. Chabba, Seerat, International Business Times, *Russia's 'Satan 2' Nuclear Missile: 5 Things To Know About Rocket That Could Wipe Out Area 'The Size Of Texas Or France'*, October 27, 2016.
3. Malpas, Anna, AFP, *Russian warship flotilla now off Syrian coast: mili-*

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Security

Now that a large segment of US technology has moved to China, the security risks are getting a renewed look. For instance, there are warnings that Chinese made Lenovo products could introduce cybersecurity vulnerabilities [1].

As more devices are connected using the Internet, new risks are emerging. The internet of things, including many smart devices, used in the distributed

denial of service attack that occurred on October 21 against Dyn, a US based Internet server farm provider [2].

Then there are the risks associated with state sponsored cyber-attacks. The recent cyber-attacks, allegedly by Russia, exposed cybersecurity vulnerabilities with our critical infrastructure [3].

The race to fix security holes continues. On Octo-

ber 20, Mozilla released patches to fix two Firefox vulnerabilities [4]. Then Microsoft released dozens of patches for all versions of windows and office products [5].

Many times, a cyber-attack victim recognizes an attack but seems at a loss over the significance or the way to respond. For instance, Yahoo reported to the FEC, it knew of the stacks that

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Special points of interest:

- Russia unveiled the Satan 2 ICBM
- IS flourishes in Pakistan

Security

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resulted in the loss of 500 million accounts, back in 2014 [6].

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2. Gertz, Bill, Washington Free Beacon, *The Cyber*

Threat: Dyn Cyber Attack Highlights Internet of Things Hacking, October 24, 2016.

3. Chalfant, Morgan, Washington Free Beacon, *Russian Hacks Bring U.S. Vulnerabilities to the Forefront*, October 24, 2016. .
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tober 21, 2016.

5. Leonhard, Woody, InfoWorld, *What you need to know about today's Windows security patches*, November 8, 2016.
6. Barth, Bradley, SC Magazine, *Yahoo tells SEC it knew of network intrusion as far back as 2014*, November 10, 2016.

*How horrible, how
fantastic, how incredible it
is that we should be
digging trenches and trying
on gas masks here because
of a quarrel in a faraway
country between people of
whom we know nothing—
Neville Chamberlain*

World News

(Continued from page 1)

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4. Browne, Andrew, Wall Street Journal, *For China, 'Clouds Are Fading Away' in the Philippines*, October 4, 2016.
5. Mogato, Manuel, Reuters, *Philippines says China vessels have left Scarborough Shoal*, October 28, 2016.
6. Heretik, Jack, Washington Free Beacon, *State Dept Embarrassed During*

Debate With Reporter Over Asian Countries Aligning With China, November 1, 2016.

7. Lendon, Brad, CNN, *China: Japanese military jets using 'dangerous' tactics*, October 28, 2016.
8. Beech, Hannah, Time, *China Shows Off Latest Military Innovations at Air Show*, November 1, 2016
9. Gady, Franz-Stefan, The Diplomat, *China Unveils New Tank for Mountain*

Warfare, November 2, 2016

10. Martina, Michael, Reuters, *China boosts space program with new heavy rocket launch*, November 3, 2016.

Terrorism

One piece reports the Islamic State (IS) is flourishing in Pakistan [1]. Case in point, the IS claimed responsibility for an attack on a police academy that killed at least 59 people [2]. Additionally, the terrorist group claimed responsibility for a suicide attack against a Sufi shrine that left at least 52 dead [3]. Elsewhere, IS also claimed responsibility for killing a 16-year old boy during a knife attack in Germany [4]. Finally, the IS claimed responsibility for a knife attack outside the US embassy in Nairobi, Kenya [5].

Another terrorist organization, the Taliban, continue their activities. Taliban suicide attacks against the German consulate in Mazar-i-Sharif caused extensive damage [6]. Then they launched an attack against Bagram Airfield, killing at least 4 people [7]. The four killed were Americans; two members of the armed services and two contractors [8].

The fight for Mosul has entered its third week. On the Western front, Shi'ite militias

launched attacks [9]. Reports indicate Iraqi special-forces have launched attacks on Mosul from the east [10].

In Baghdad, the IS claimed responsibility for bombs that killed at least 17 people [11]. Additionally, the terrorists are now using ambulances for suicide car bombs [12].

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2. Yusufzai, Gul, Reuters/Washington Free Beacon, *ISIS Claims Attack on Pakistan Police Academy, 59 Dead*, October 25, 2016.
3. Masood, Salman, New York Times, *Bombing at Sufi Shrine in Pakistan Kills Dozens*, November 12, 2016.
4. AP/Fox News, *ISIS claims responsibility for Germany stabbing that killed teen*, October 30, 2016.
5. Fahmy, Omar, Reuters, *Islamic State claims responsibility for attack outside U.S. embassy in Nairobi*, October 29, 2016.
6. VOA, *Scores Wounded in Taliban Attack on German Consulate in Afghanistan*, November 10, 2016.
7. Popalzai, Ehsan, and Sterling, Joe, CNN, *Afghanistan: 4 dead in blast at Bagram Airfield*, November 12, 2016.
8. BBC News, *Bagram blast: Bomber kills Americans at Afghan base*, November 12, 2016.
9. Kalin, Stephen, and Rasheed, Ahmed, Reuters, *Shi'ite militias launch offensive to seal off western Mosul*, October 29, 2016.
10. AP/Fox News, *Iraqi special forces approach Mosul from east*, October 31, 2016.
11. Kelkar, Kamala, PBS, *Baghdad bombs kill 17 as Iraq fights to regain Mosul from ISIS*, October 30, 2016.
12. BBC News, *Iraq suicide attacks: Ambulances used in Tikrit and Samarra*, November 6, 2016.

*People never lie so much as
after a hunt, during a war
or before an election—Otto
von Bismarck*

Economy

It is interesting to see how China is responding to its increase in labor costs. In order to maintain manufacturing dominance, China is fully committed to robotics [1]. According to the Labor Department, for the week ending October 22, the number of first time unemployment claims was 258,000 [2]. For the week ending October 29, the number of first time claims was 265,000 [3]. Then for the week ending Novem-

ber 5, the number reported was 254,000 [4].

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November 3, 2016.

4. Reuters, *US weekly jobless claims total 254,000 vs 260,000 estimate*, November 10, 2016.

*A politician thinks of the
next election. A statesman,
of the next generation—
James Freeman Clarke*
