Health Sector Collaborates
to Advance Medical Technology Security

Healthcare & Public Health Sector Coordinating Councils
PUBLIC PRIVATE PARTNERSHIP

Washington, D.C., January 28, 2019 – Today, the Healthcare and Public Health Sector Coordinating Council (HSCC) released new recommendations for manufacturing and managing the security of medical devices for clinical practice. Developed over the past year, the "Medical Device and Health IT Joint Security Plan (JSP)" is a total product lifecycle reference guide to developing, deploying and supporting cyber secure technology solutions in the health care environment. This essential reference also will be discussed during the FDA's January 28-29 workshop on medical device security in Silver Spring, MD.

The JSP utilizes "security by design" principles throughout the product lifecycle of medical devices and health IT solutions. It identifies the shared responsibility between industry stakeholders to harmonize security related standards, risk assessment methodologies & vulnerability reporting requirements to improve the information sharing between manufactures and healthcare organizations. The JSP will be a living document and will be updated as required to adapt to the ever-changing threat environment for medical devices and health IT solutions.

"We are proud of partnerships and alliances that demonstrate the far-reaching potential of collaboration across the public and private sector," said Suzanne Schwartz, M.D., associate director for science and strategic partnerships at the FDA's Center for Devices and Radiological Health. "Securing medical devices from cybersecurity threats cannot be achieved by the FDA on its own. That's why the FDA has long been committed to working hard with various stakeholders like the HSCC to stay a step ahead of constantly evolving cybersecurity vulnerabilities. In this way," Schwartz concluded, "we can help ensure the health care sector is well positioned to proactively respond when cyber vulnerabilities are identified in products that we regulate."

The JSP responds to a set of recommendations issued in June 2017 by the Health Care Industry Cybersecurity (HCIC) Task Force, which urged strong efforts toward increasing the security and resilience of medical devices and health IT. The HCIC was established by the Department of Health and Human Services at the direction of the Cyber Security Act of 2015.

Kevin McDonald, director of clinical information security at the Mayo Clinic, and co-chair of the initiative said, "The goal of this effort was to align cybersecurity priorities and processes between medical device manufactures and healthcare providers to lower the cybersecurity risk in medical devices. By creating this alignment," McDonald added, "we can strengthen the security of medical technology against cyber threats, improve cyber risk management within healthcare organizations, and better protect patient safety."

"The medical device industry recognizes that, as patient care is increasingly provided across a networked and internet-connected environment, security in turn needs to keep pace with the technological innovation that is driving patient care," said Rob Suarez, director of product security with Becton Dickinson and the other industry co-chair. "The JSP provides a scalable security roadmap for large and small manufacturers, and the customers they serve."

By adding the JSP to last month's release of the Health Industry Cybersecurity Practices (HICP) resource (https://healthsectorcouncil.org/hhs-and-hscc-release-voluntary-cybersecurity-practices-for-the-health-industry/), the HSCC is throwing a one-two punch at the sector's cybersecurity challenges. With broad adoption of these tools, we are confident the sector will demonstrate measurable improvement to healthcare cybersecurity risk management in the coming months and years.

Top 10
Health Related Cyber Events for February:

HHS releases voluntary cybersecurity guidance

Hospitals Spend 64% More on Advertising After a Data Breach

Indiana healthcare group hit by third-party data breach

Ransomware Corrupts 24,000 Patient Records of California Specialist

Hackers Launching DNS Infrastructure Hijacking Campaign, Feds Warn

Unprotected server of Oklahoma Department of Securities exposes millions of government files

Monster 773 million-record breach list contains plaintext passwords

Privacy breach at Family Physicians Group may have affected 8,400 Orlando patients

Third-Party Vendor Phishing Attack Breaches 31,000 Patient Records

2019 Malware Trends to Watch

H-ISAC is pleased to publish a monthly member newsletter. It is designed to bring events and other important ISAC information to your attention. If there is something you would like to see included please email: contact@h-isac.org

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H-ISAC Staff Planning Retreat

In January, H-ISAC staff spent two days at the new SOC reviewing KPIs from 2018 and setting goals for the coming year. Pictured above are some non-cyber tabletop exercises: verbal one-way communication instructions and team strategy to build and decorate a gingerbread house in 15 minutes. Always working on ways to improve!
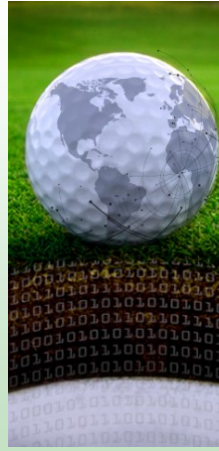
"Whole-in-One Community"

Spring Summit
May 13-17, 2019
Start making your plans!

Paper Acceptance notices go out February 15 and registration will open February 25th.

Some highlights include Member Grand Rounds and an HHS Townhall.

https://h-isac.org/summits/2019-spring-summit/

H-ISAC Radio
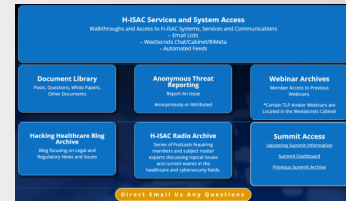
Member-to-member discussions

Join us February 25 noon ET
for a discussion on **Software Security**.

The join link will be sent in the Membership Listserv and posted in the Member Portal.

RSA Member Meetup? Let's Do it Again!

Last year's Member Meetup at the RSA Conference in San Francisco was such a success, we are planning one for this year, closer to the site. Details coming soon.

The Member Portal Gets a Facelift

Take a look at the changes:

Member Services Walkthroughs and access to H-ISAC Systems, Services and Communications

Document Library for posts, questions, whitepapers, etc.

Anonymous Threat Reporting to report an issue.

Webinar Archives for members only.

Archive sections Prior TLP Amber blogs and Radio podcasts.

Summit Access includes information on the upcoming summit, your own summit dashboard and previous summit archives.

Upcoming Events:

Connect with H-ISAC Around the Globe!

London—February 5th EU Council Meeting / Workshop

Tokyo-—February 9, 13th Seminar by Medical ITSecurity Forum

Cleveland—March 19-20 Presenting, conducting exercise and exhibiting at HIT Summit

San Antonio—March 20-22 Presenting and Exhibiting at NARHC

Orlando—April 1-3 Exhibiting at InfoSec World

Chicago—April 1-4 Exhibiting at Becker's Annual Meeting

Singapore—April 24-26 H-ISAC is participating with Booz

H-ISAC Israel Showcase & Innovation
April 8-13 in Tel Aviv, Israel
Israel cybersecurity and digital innovators,
a workshop covering cybersecurity topics
and opportunities to tour Israel.

H-ISAC IoMT Executive Symposium

April 15-16 in Munich, Germany
Includes Tour of IBM Watson IoT Tower and industry demos

Find more information and registration on our Events page https://h-isac.org/events/