Health Sector Coordinating Council

Cybersecurity Working Group

HSCC Cybersecurity Working Group

Q3 2023 Progress Report

September 30, 2023

Chairman's Forward

Erik Decker
Industry Co-Chair
HSCC Cybersecurity Working Group

As we head into the 4th quarter of 2023 we begin looking to 2024 on a number of fronts:

- Complete and publish in February our Health Industry Cybersecurity Five-Year Strategic Plan and get it implemented across our complex and interdependent ecosystem. Our task group work will pivot from content development to outreach and mobilization; i.e., leading the horse to water and getting it to drink – the horse being the industry and the water being the reservoir of policies and controls available to strengthen the security and resiliency of the health sector.
- Continue to strengthen HSCC collaboration on initiatives and policies with our government partners in HHS, 405(d), CISA, NIST and others. We expect to see forward-leaning cybersecurity initiatives from HHS and CISA in the coming weeks and months, so stay tuned.

With an increase of just 85 more Cybersecurity Working Group members in 2024 we can reach 500 organizations and more than 1000 personnel, which would be a ten-fold increase since 2017. This shows a panoply of perspectives and strength of representation. Many new members arrive on our doorstep simply because many of you serve as effective and energetic ambassadors by pointing your peers to the collaborative effort of the HSCC. Everyone should continue to get out and recruit new organizations, especially those non-patient care operators, such as plans, HIT, med tech and pharma.

As for the third quarter, our activities and accomplishments speak for themselves:

- HSCC briefings to several government advisory committees about our progress, joint publications, and partnerships, with a consistent message that with industry leadership and government support we can move the industry forward to stronger position of security and resiliency
- One new and 4 updated or reprinted publications to keep the drumbeat of useful resources available to the sector.

I continue to be amazed and proud about how many of you have stepped to contribute to the improvement of the sector against our cyber adversaries, and how that hard work and collaboration are being recognized by our government partners and the broader healthcare ecosystem I am excited about more to come this year and well into next year. But as I have written before: we are never done, only better.

Q3 2023 MEMBERSHIP

Membership by the Numbers

As of September 30, 2023

- 415 organizational Industry members, including:
    - 51 Industry association members
    - 58 non-voting Advisor companies
- Government organizations include 11 federal agencies, 3 state agencies, 2 city agencies, and 2 Canadian
- Total representing personnel: 949

Member Distribution by Subsector

- Direct Patient Care: **40.5%**
- Health Information Technology: **6.8%**
- Health Plans and Payers: **5.3%**
- Mass fatality and Management Services: **0**
- Medical Materials: **9.6%**
- Laboratories, Blood, Pharmaceuticals: **6.0%**
- Public Health: **5.5%**
- Cross-sector: **8.2%**
- Government (Fed, State, County, Local): **3.9%**
- Advisors: **14.2%**

Q3 2023 ACTIVITIES

Health Sector Coordinating Council
Cybersecurity Working Group

HSCC Publications, 2019-2023

SEE: https://healthsectorcouncil.org/hscc-publications

2023

- *Reprint* Health Industry Cybersecurity Protection of Innovation Capital (HIC-PIC)
- *Reprint* Health Industry Cybersecurity Tactical Crisis Response Guide (HIC-TCR)
- *Updated* Updated Health Industry Cybersecurity Information Sharing Best Practices
- *Updated* Health Industry Cybersecurity Matrix of Information Sharing Organizations
- Coordinated Healthcare Incident Response Plan
- Recommended Government Policy & Programs
- Hospital Cyber Landscape Analysis (Joint HSCC/HHS)
- Prioritized Recognized Cybersecurity Practices
- Health Industry Cybersecurity Practices 2023 (Joint
- Cybersecurity for Clinician Video Training Series
- Health Industry NIST CSF Implementation Guide (Joint)
- Managing Legacy Technology Security
- Artificial Intelligence Machine Learning

2022

- Operational Continuity-Cyber Incident Checklist
- MedTech Vulnerability Communications Toolkit
- Model Contract-Language for Medtech Cybersecurity

2021

- Securing Telehealth and Telemedicine

2020

- Supply Chain Risk Management
- Health Sector Return-to-Work Guidance
- Tactical Crisis Response
- Protection of Innovation Capital
- Information Sharing Best Practices
- Checklist for Teleworking Surge During COVID-19

2019

- Matrix of Information Sharing Organizations
- Workforce Guide
- Medical Device and Health IT Joint Security Plan
- Health Industry Cybersecurity Practices (Joint HSCC/HHS)

Publications on Deck

- (Joint HHS-HSCC) Operational Continuity-Cyber Incident – Q4
- Medical Device and Health I.T. Joint Security Plan v2 (JSP2) – Q4
- Coordinated Privacy-Security Compliance – Q4

2023 Priority:
Five Year Strategic Plan
Publication Expected Q1 2024

Health Sector Cybersecurity Five-Year Strategic Plan

Five years after publication of 2017 HHS-Health Care Industry Cybersecurity Task Force report found healthcare cybersecurity to be in "critical condition":

- Identify the HCIC recommendations that the HSCC Cybersecurity Working Group publications have addressed, and which remain a priority for CWG and sector attention;

- Assess how identified healthcare industry trends over the next five years may present continued or emerging cybersecurity challenges to the sector;

- Recommend how the industry and government should prepare for those changes, with a measurable vision of what "Stable Condition" looks like in 2029; and

- Prescribe specific initiatives and tactics that the CWG and government must do as a public-private partnership to motivate and facilitate achievement of those preparedness objectives.

Q3 2023 GOVERNANCE

Task Groups 2023

- **405(d) HEALTH INDUSTRY CYBERSECURITY PRACTICES (HICP)**

Ongoing enhancement of 405(d) HICP resources

- **5-YEAR PLAN**

Update the Health Care Industry Task Force (HCIC) recommendations as a five-year plan reflecting emerging threat scenarios in a rapidly evolving healthcare system

- **INCIDENT RESPONSE - BUSINESS CONTINUITY**

Develop a healthcare cyber incident response and business continuity plan aligned with existing physical incident response protocols. First publication on emergency management after extended cyber-related outage released April 2022 ; second publication on enterprise incident response plan imminent

- **MEASUREMENT**

Developing methodology for health sector specific cybersecurity performance goals.

- **POLICY**

Activates as needed for policy proposals and response

- **MEDTECH CONTRACT LANGUAGE**

Updating Model Contract for Cybersecurity MC2) first published March 2022

- **MEDTECH SECURITY DEVELOPMENT (JOINT SECURITY PLAN UPDATE - JSP2)**

Published Medical Device and Health IT Joint Security Plan (JSP); and benchmarking report. Developing updated JSP2.

- **MEDTECH VULNERABILITY COMMUNICATIONS**

Provide guidance on preparing, receiving and acting on medical device vulnerabilities communications. First publication on patient awareness released April 2022. Second version on HDO preparedness in process.

- **OPERATIONAL TECHNOLOGY MANUFACTURING SECURITY**

Develop best practices guide for securing OT manufacturing networks for healthcare manufacturing subsectors.

- **OUTREACH & AWARENESS**

Develop tools and strategies for enhancing visibility and messaging the imperative of healthcare cybersecurity, HSCC CWG and its resources.

- **PRIVACY-SECURITY COLLABORATION**

Facilitate the interdependence of security and privacy risk to confidentiality, integrity, and availability of entity systems, data, etc., in patient safety and care.

- **PUBLIC HEALTH**

Identify strategies for strengthening the cybersecurity and resilience of SLTT public health agencies with the support of private sector and academic organizations.

- **RISK ASSESSMENT**

Published with HHS the NIST Cyber Framework Implementation guide; follow-on marketing and effort to measure adoption

Healthcare & Public Health Sector Coordinating Councils
PUBLIC PRIVATE PARTNERSHIP

2023 Executive Committee

CHAIR: Erik Decker, VP - Chief Information Security Officer, Intermountain Healthcare

VICE CHAIR: Chris Tyberg, Chief Information Security Officer, Abbott

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Leanne Field, PhD, M.S. Clinical Professor & Founding Director, Public Health Program, The University of Texas at Austin

Denise Anderson, President & CEO, Health Information Sharing & Analysis Center

Jonathan Bagnall Head of Cybersecurity, Digital Service & Solutions – Medical Technology, (CE), Fresenius Medical Care

Dr. Adrian Mayers, Vice President, Chief Security Officer, Premera Blue Cross

Sanjeev Sah, Vice President, Chief Security Officer, Centura Health

2023 Government Co-Chairs

Brian Mazanec, PhD
Deputy Assistant Secretary and Director
Office of Security, Intelligence, and Information Management
Administration for Strategic Preparedness and Response
U.S. Department of Health and Human Services

Suzanne Schwartz
Director
Office of Strategic Partnerships & Technology Innovation
Center for Devices and Radiological Health
U.S. Food and Drug Administration

Julie Chua
Director, GRC Division
HHS Office of the Chief Information Officer
U.S. Department of Health and Human Services

FALL ALL-HANDS MEETING

Wednesday, Thursday December 6-7

Hosted by Intermountain Health
Salt Lake City

Contact

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