



**Health-ISAC™**

*Collaborating for Resilience in Healthcare*



ANNUAL REPORT 2024

**BUILDING**

# Sector Resilience



# Building Health Sector Resilience

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## ABOUT ISACs

Information Sharing and Analysis Centers (ISACs) are non-profit, mainly private sector, member-driven organizations specific to the critical infrastructure sectors and subsectors. ISACs, established in 1998, help critical infrastructure owners and operators protect their facilities, personnel, and customers from cyber and physical security threats and other hazards. This is accomplished by collecting, analyzing, and disseminating timely actionable threat information to their members and providing members with tools to mitigate risks and enhance resiliency. ISACs have broad reach within their sectors, communicating critical information far and wide to maintain sectorwide situational awareness, and collaborate through the National Council of ISACs.

## ABOUT HEALTH-ISAC

Health-ISAC — a non-profit, private sector, member-driven organization — plays an essential role in providing situational awareness around cyber and physical security threats to the Health Sector so that companies can detect, mitigate, and respond to ensure operational resilience. Health-ISAC connects thousands of health security professionals worldwide to share peer insights, real-time alerts, and best practices in a trusted, collaborative environment. As the go-to source for timely, actionable, and relevant information, Health-ISAC is a force-multiplier that enables health organizations of all sizes to enhance situational awareness, develop effective mitigation strategies and proactively defend against threats every single day.

## ABOUT HEALTH-ISAC'S MEMBERS

Health-ISAC membership connects a diverse body of Health organizations to form one community focused on improving health and saving lives. We are better together!

### Globally, Health-ISAC Members Include:

- |   |   |
|---|---|
| Academic Medical Centers                  | Medical Device Manufacturers                    |
| Animal Health                             | Medical Group Purchasing Organizations          |
| Biotechnology/Genomics                    | Medical Material Manufacturers and Distributors |
| Blood and Organ Banks                     | Medical Research & Development Centers          |
| Clearing Houses                           | Medical Technology                              |
| Consumer Health                           | Pharmaceutical Manufacturers                    |
| Electronic Health Record System Providers | Pharmacies                                      |
| Healthcare Delivery Organizations         | Public Health Sector                            |
| Health Information Exchanges (HIE)        | Radiological Centers                            |
| Hospice                                   | Revenue Cycle Management                        |
| Insurance Companies                       | Telehealth Providers                            |
| Laboratories                              |   |

## WELCOME FROM THE PRESIDENT AND CEO



**Denise Anderson**  
President and CEO Health-ISAC

*“Foundations are the bases upon which we can build larger and more complex things, and we need them to be solid to allow for development.”*

My grandmother always had a toy cupboard that we kids knew to go to whenever we visited, and in it was a wagon full of wooden building blocks\* – the kind that had alphabet letters and numbers on them. What kid doesn't like to stack the blocks up and then knock them over? I was a little different in that I liked to stack them up and have them stand. I learned that the wider the base, much like the Egyptians discovered with the pyramids, the stronger the structure. Of course, skyscrapers\*\* today don't have the luxury of space, so they rely on depth and bedrock. Bedrock is the first building block of a sturdy building, which keeps the foundation solid and allows the building to withstand forces such as wind, seismic activity, and weight.

Foundations are the bases upon which we can build larger and more complex things, and we need them to be solid to allow for development. For example, in math, we learn addition and subtraction before we can do algebra. In kindergarten, we learn how to communicate, solve problems, and behave so we can be successful in life. In security, we start with basic elements like strong passwords (although passwords are becoming obsolete) and firewalls before we move on to more basic but stronger protections and, ultimately, more complex mitigations.

When it comes to information, sharing Indicators of Compromise (IOCs), Tactics, Techniques and Procedures (TTPs), alerts, thought leadership and more, results in situational awareness, strategy, and preparedness, which makes organizations, regions, countries, and ultimately the global health sector more secure and resilient.

I hope you will enjoy learning all of the many things we did as a Health-ISAC community in 2024 to create the 'foundational blocks' to build sector resilience.

**Denise Anderson**  
President and CEO, Health-ISAC

### Fun Facts

- \* The global wooden toys market is estimated to reach \$27.28 billion in 2024
- \*\* The world's tallest building, the Burj Khalifa has a foundation of more than 164 feet deep – the equivalent of a 15-story building

## BOARD OF DIRECTORS

**Tarik Rahmanovic**  
Director, Research & Active Measures and Emerging Technologies, AbbVie

**Anthony Soules**  
VP & CISO, Amgen

**Anahi Santiago**  
CISO, ChristianaCare

**Scott Nichols**  
Global Product Security Leader, Danaher

**Brad Carvellas**  
VP and CISO, The Guthrie Clinic

**TJ Bean**  
CISO, HCA Healthcare

**Gregory Barnes**  
CISO, Regeneron Pharmaceuticals, Inc

**Roisin Sover**  
AVP, Cyber Threat Intelligence, Humana

**Nancy Brainerd**  
Senior Director, Product Security, Medtronic

**Terence Rice**  
VP, IT Risk Management and CISO, Merck & Co.

**Rishi Tripathi**  
CISO, Mount Sinai Health System

**Dirk de Wit**  
Head of Product Security, Philips

**Sahan Fernando**  
CISO, Rady Children's Hospital and Health Center

**Dr. Hans-Martin von Stockhausen**  
Principal Key Expert Cybersecurity, Siemens Healthineers

**Colleen McMahon**  
CISO & Head of Global Security, Viatris

# The Building Blocks of Resilience

## COLLABORATION IN ACTION

In 2024, Health-ISAC Member organizations operated in more than 140 countries, constituting a global reach across 71% of the world. Health-ISAC leadership participated in over 118 speaking engagements, 222 media mentions, and 75 interviews spreading the word about collaborating for resilience in the health sector. 178 new Member organizations joined Health-ISAC's community throughout the year, and the 97% retention rate shows the value gained from collaboration in this community.

*“Working with the Health-ISAC and all the members has been one of my best professional experiences.”*

Santiago Holly on LinkedIn

## GLOBAL MEMBER HEADQUARTER FOOTPRINT





# 2024

By The Numbers



97%

Member Retention



766k

Website Page Views

*"Now I see why everyone is part of this community."*

From a Prospective Member



More than

12,000

Security Professionals in the Health-ISAC Network Globally



178

New Member Organizations Joined Health-ISAC



10,000

Followers on LinkedIn, 22% Increase YOY, Influencer Status

#1

Ranking on LinkedIn in Post Engagements

#2

For Total and New Followers (Among Other ISACs)

250k

People Had Access to TLP Green & White Bulletins Through Health-ISAC Including Members, Industry Partners, and Associations



140+

Countries Represented



50k

Average Messages Per Month Within the Secure Chat Platform

*"The people of Health-ISAC work tirelessly to provide opportunities and platforms for the Members, and they do an incredible job at engaging and inciting us."*

**Barbee Mooneyhan**  
CISO

# Member Community: The Foundation for Success

Members are the heart of Health-ISAC. Through trusted relationships, collaboration, and open information sharing, they actively drive and shape member-focused initiatives. The Member Engagement Team has a vital role in this process, providing personalized guidance, direction, and support tailored to each member's unique needs. By fostering these connections, members are able to access and engage with offerings that matter most to them, ensuring they derive maximum value from their membership and contribute meaningfully to the community's collective success.

*"We just joined the community, so we've barely scratched the surface; but we're already getting an IMMENSE amount of value from our membership!"*

**Keith Lawson**

CISO, London Health Sciences Centre

## MEMBER-DRIVEN INITIATIVES

Health-ISAC supported many member-driven initiatives through collaboration in working groups, summits, workshops, and peer-to-peer discussion channels. Members came together to share initiatives and best practices and generated a number of white papers and other projects.

### New Working Groups

Third-Party Supplier Incidents Working Group

Cybersecurity Regulatory Compliance Working Group

Azure Sentinel Working Group

Artificial Intelligence Working Group

BISO Working Group

CISO Council

### 2024 White Papers & Thought Leadership

- Guidance for CTI in a Box
- Privileged Access Management: A Guide for CISOs
- Vulnerability Metrics and Reporting
- Impacts of the BIOSECURE Act on the Global BioTech Industry
- 2024 Active Shooter Hostile Event Response (ASHER) Exercise Series Report
- The Domino Effect: Understanding Supply Chain Attacks in Healthcare
- Passwordless: A Remedy for Better Security and MFA Fatigue
- Understanding Supply Chain Attacks in Healthcare
- Healthcare Cybersecurity Benchmarking Study 2024 (Partnered)
- 2024 Americas Hobby Exercise After Action Report
- Current and Emerging Healthcare Cyber Threat Landscape: Executive Summary for CISOs
- Critical Infrastructure Interdependencies
- The Role of Artificial Intelligence in the Evolution of Social Engineering
- Health-ISAC Hobby Exercise 2023 After Action Report (AAR)
- Health-ISAC 2023 Preparedness and Resilience Exercise Series After Action Report (AAR)

25

Number of Working Groups

15

Number of White Papers Published

# 41,000

Interactions Between Member Engagement and Members

# 1,801

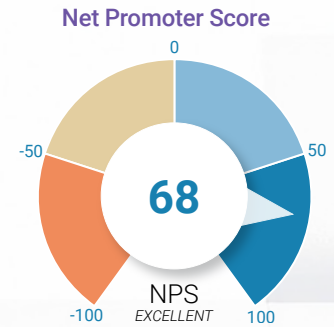
Members Participated in Working Groups

# 42

Members Engaged in Professional Development Provided by Health-ISAC

## Health-ISAC Annual Member Satisfaction Survey

Health-ISAC received an outstanding response from its members through the annual Membership Survey in 2024. Health-ISAC was rated with a Net Promoter Score of 68, signifying a high level of satisfaction and willingness to recommend membership to others.



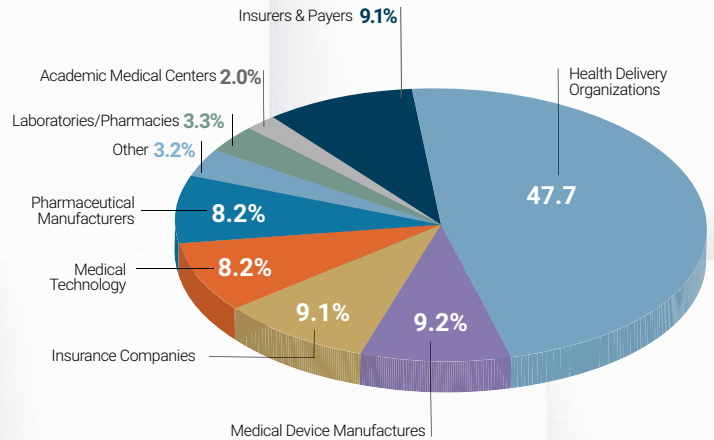
## Diverse Member Composition across the Health Sector

Health-ISAC connects security professionals within a large range of health organizations, from a regional clinic to a global health system, from a medical school to a medical device manufacturer.

*"I've had the opportunity to engage with Health-ISAC and found their resources invaluable! The collaborative environment fostered by Health-ISAC allows for sharing best practices and learning from peers across the health sector, which significantly strengthens our overall security strategy."*

**Miguel Angel Sanchez Valdez**  
Global Business Information Security Manager  
Novartis

## Member Composition



## Leaders in the Industry

Health-ISAC Membership represents different sizes and sections of the Health ecosystem, from <\$1M annual revenue to \$250B in annual revenue. The more organizations collaborate within Health-ISAC, the more resilient the global Health Sector becomes.

# Building Blocks of Intelligence

Health-ISAC's Threat Operations Center (TOC) provides in-depth and wide-reaching analysis of actionable cyber and physical threat intelligence to Members. Members use this information for timely action against phishing, ransomware, and other threats. Examples of TOC-produced intelligence include pre-public alerts, targeted alerts, vulnerability & threat bulletins, benchmarking surveys, situational awareness & physical security reports, daily cyber headlines, and webinar discussions for up-to-the-minute details on current threats. TOC analysts work with intelligence partners to monitor events and assess additional opportunities to provide value to membership.

**BUILDING  
BLOCKS OF  
ACTIONABLE  
DATA**



## Health-ISAC Expansion in APAC:

On November 4, Health-ISAC and CyberCX partnered on a Joint Research Bulletin discussing the potential impacts of the US BIOSECURE Act. The draft legislation would prohibit federally funded health entities from using biotechnology from adversarial nations such as China and would likely result in disruption to global supply chains. Health-ISAC will continue to expand the member base and services in APAC in 2025.







# 134

Physical Security Threat and Incident Bulletins for Members & Employees

# 97%

Of Members subscribe to the Physical Security Daily Reports and Alerts

### Physical Security: Building Strength from the Ground Up

The Physical Security initiative at Health-ISAC has continued to grow throughout 2024. The Physical Security Working Group has acquired 78 members, hosting a meeting every month. The Health-ISAC Spring and Fall Americas Summits have begun to cater more significantly to the physical sector, with a workshop at both summits and multiple sessions focusing on physical security and blended security topics. Progress made in incorporating the physical security professionals from within the membership will continue in 2025, increasing outreach efforts to expand the community with vendor partnerships and member participation.

# 99

Threat Intelligence Bulletins



# 60

Vulnerability Bulletins to Members



# 42

Geopolitical Alerts/ Strategic Intelligence



# 10,767

Member-to-Member Shared Indicators of Compromise (IOCs)

# 54%

Member organizations have adopted the new automated Health-ISAC Indicator Threat Sharing platform (HITS)



### Partnership with AHA:

Health-ISAC continued its partnership with the American Hospital Association (AHA), collaborating on a number of strategic intelligence reports and bulletins in 2024. For example, on June 26, and August 1, Health-ISAC and the AHA published joint threat bulletins on the impacts of ransomware attacks targeting the medical supply chain. The reports highlighted a spate of attacks by Russian ransomware gangs such as QiLin and BlackSuit that impacted the distribution of blood and plasma supplies in the US and Europe, causing massive disruption to patient care.

# 23

Member-Initiated Best Practice Surveys



# Top Incidents & Vulnerabilities of 2024

Health-ISAC's Threat Operations Center (TOC) disseminated over a thousand Vulnerability, Threat, and Incident bulletins throughout the year. Below captures a selection of the most prevalent incidents and vulnerabilities during 2024.



**5/9/24**  
**Ascension Health** shares IOCs with Health-ISAC After Hospital System Hit by Ransomware Attack the Previous Day



**1/11/24**  
**Threat Actors** Find New Vulnerability in Ivanti Connect Secure and Policy Gateway



**2/13/24**  
**Healthcare Conference** Targeted by TOAD Campaign



**3/26/24**  
**Baltimore Bridge** Collapses



**4/18/24**  
**Cross-Sector Analysis** of Recent Extremism Threats to Critical Infrastructure



**6/11/24**  
**Qilin Ransomware** Launches Disruptive Attacks Against Health Sector Organizations

JANUARY

FEBRUARY

MARCH

APRIL

MAY

JUNE



**2/7/24**  
**Volt Typhoon**, Chinese Nation-State Espionage Group, Gains Access to Critical Infrastructure



**2/25/24**  
**IOCs** from the Change Healthcare Incident Shared with Health-ISAC Members



**5/10/24**  
**Black Basta** Emerges as a Major Threat to Health Sector



**6/3/24**  
**Cyberattack** on Snowflake May Have Far-Reaching Effects



**2/21/24**  
**Change Healthcare** Suffers Ransomware Attack, Causes Major Disruptions to the Health Sector System Across the US



**4/24/24**  
**Lockbit Ransomware** Deployment Attempts Targeting Member Organizations



**5/24/24**  
**Threat Actors** Increase Attacks Ahead of Holiday Season

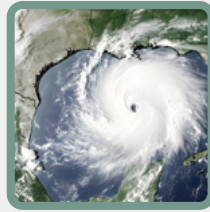


**6/25/24**  
**Threat Actors** use Social Engineering to Target the Health Sector

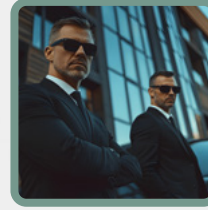




**7/16/24**  
**Increase in Fraudulent Phone Calls** Targeting Help Desk Personnel



**10/8/24**  
**Southeast US Braces** for Impact Category 5 Hurricane Milton



**12/9/24**  
**Threats to Healthcare Executives** Following Murder of United Healthcare CEO

- Threat Bulletins
- Physical Threat Bulletins
- Vulnerability Bulletins
- Cyber Incident



**7/15/24**  
**Global Microsoft Windows Outages** Caused by Faulty CrowdStrike Update



**9/25/24**  
**Hurricane Helene** Hits the US Southeast



**10/31/24**  
**Chinese Threat Actors** Use Stolen Credentials to Attack Organizations



**11/19/24**  
**Vulnerability in Fortinet's FortiClient** Windows VPN Exploited by Chinese Threat Actors



**12/9/24**  
**Threats to Healthcare Executives** are Circulating On-Line

JULY

AUGUST

SEPTEMBER

OCTOBER

NOVEMBER

DECEMBER



**7/25/24**  
**North Korean State Sponsored Threat Actor** Launches Global Espionage Campaign



**8/16/24**  
**North Korean Threat Actors** Posing as Remote IT Workers are Working in the US Health Sector



**10/29/24**  
**Midnight Blizzard,** Russian State Sponsored Threat Actor, Launches Spearphishing Campaign



**12/3/24**  
**South Korean Protests** Erupt after Declaration of Martial Law



**8/1/24**  
**Russian Ransomware Gangs** Attack Blood & Plasma Suppliers



**9/20/24**  
**Vulnerability** in Ivanti Cloud Exploited by Threat Actors



**11/20/24**  
**Two Baltic Subsea Cables** Severed Near Finland

# Laying the Groundwork

## BUILDING RESILIENCE IN EUROPE

Health-ISAC remains committed to its mission in Europe, fostering a connected community and providing a platform focused on addressing cyber and physical threats to the health sector across the region.

In 2024, Health-ISAC launched the European edition of the Monthly Threat Briefing, offering tailored insights into current cyber and physical threats. This initiative ensures members stay informed and prepared for evolving challenges.



Under the leadership of European Operations Director Vasileios Mingos, Health-ISAC has advanced efforts to enhance the region's health sector resilience. The European staff have shared global insights, spoken at seven conferences, and participated in multiple workshops, driving impactful collaboration and knowledge-sharing.

Health-ISAC also contributed to the European Cybersecurity Month's kick-off event, hosted by the European Economic and Social Committee (EESC) and the European Committee of the Regions (CoR), where health sector cybersecurity was a key focus.

*"As always: great content, great networking and discussions, and especially a great cultural extra."*

**Hans-Martin von Stockhausen**  
About the European Summit

## Health-ISAC European Hobby Exercise

Building up from last year's success, the second Hobby Exercise took place on October 15th in Athens, Greece. Over 40 participants from multiple organizations contributed in the discussions around simulated real world events affecting the European health sector.



*"Being [my] first time at this event, it really opened my mind that Health-ISAC could be actually utilized in a practical way. Also, people here are just keen to help you in any way. They will share common problems/solutions and also help you if you are stuck on your work path."*

**Bartłomiej Bedkowski**  
Eurofins GSC IT Poland  
About the European Summit



# A Cornerstone for Medical Device Security

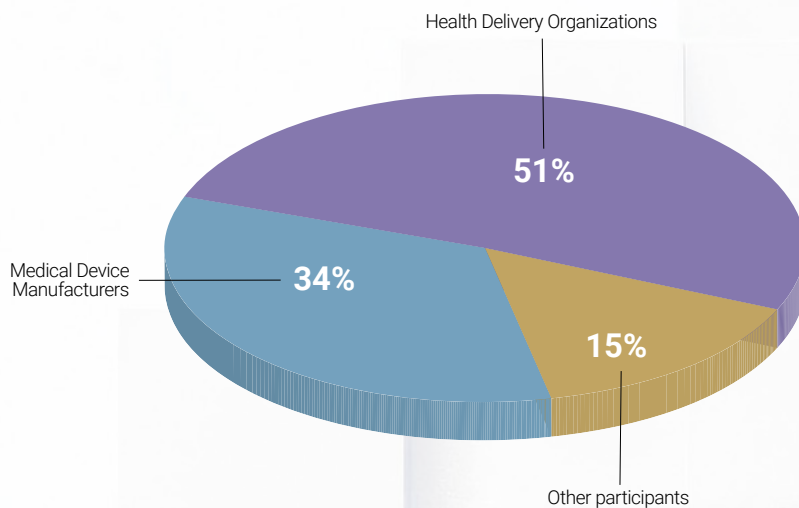
In 2024, Health-ISAC significantly expanded its efforts to unite Medical Device Manufacturers and Health Delivery Organizations, aiming to enhance the security of medical devices and thereby supporting patient safety. In January, the Medical Device Security Council launched a European chapter to address regulatory and medical device issues specific to that region. This was followed by the inaugural meeting of the Western Pacific chapter, which serves members in the Western region of Oceania. The number of participants grew to 480, and the number of organizations increased by more than 26%, reaching 183 organizations.

To support this growth, Health-ISAC added a Medical Device Security Analyst to its staff. Taylor Porter is a recent graduate of the University of Central Florida (UCF) and interned at the Threat Operation Center in the Spring of 2024. Her new role has enabled Health-ISAC to publish medical device alerts through Health-ISAC’s Threat Intelligence Portal (HTIP.) These alerts include cyber-related FDA medical device recalls, CISA ICS medical advisories, manufacturer vulnerability disclosures, and independent Health-ISAC research that uncovered several Known Exploited Vulnerabilities (KEVs) associated with medical devices. After contacting the medical device manufacturers for updated information, Health-ISAC shared these alerts with health providers through HTIP and the FDA.

*“A lot of these medical devices have been around and implemented before security was top of mind and before security was a big concern and now we’re really seeing how cyber incidents can lead to physical real world impacts.”*

**Ellen Lakin**  
Health-ISAC Member

## Medical Device Security Council Composition



\* as of 10/28/24 (organization make up)



**Phil Englert**  
Vice President of Medical Device Security,  
Health-ISAC

Phil Englert, VP of Medical Device Security, spoke at 14 Health Technology Management conferences and symposiums this year, urging biomedical professionals to play a larger role in maintaining the cyber-resilience of medical technologies. By collaborating with IT, Risk Management, and Clinical Leadership, biomedical technicians are taking a frontline role in ensuring that medical technologies are available and safe for patient care.

*“We’re looking for that workable middle ground. We can always come up with solutions that are not sustainable, but this is where, together, we find effective, efficient, and actionable methods of securing medical device environments.”*

**Phil Englert**

# The Power of Collaboration for Health Sector Resilience

## HEALTH-ISAC GLOBAL SUMMITS

Health-ISAC Summits unite top health sector leaders, cybersecurity experts, and innovators from around the world to confront the most urgent challenges in health security today.

Summits draw a diverse range of attendees, including CISOs, analysts, engineers, and industry visionaries—each bringing unique perspectives to shape the future of health sector physical and cyber security.

*“I appreciate the opportunity to connect with many peers and share the best practices for building a security program from scratch and utilizing AI securely and ethically.”*

**Shobhit M.**  
On LinkedIn talking about the Spring Americas Summit

**March, 2024**  
**APAC Summit: *Collective Security***  
Melbourne, Australia



**May, 2024**  
**Spring Americas Summit: *Champions of Security***  
Championsgate, FL



**September, 2024**  
**CISO Summit: *Charting Success Together***  
Newport Beach, CA  
*Inaugural Event*

October, 2024

European Summit: *Classic Security*  
Athens, Greece



December, 2024

Fall Americas Summit:  
*Threat Catcher*  
Phoenix, AZ

*"Had a great time at Health-ISAC [Summit] connecting with cyber professionals & presenting on Practical Applications of AI in SOC Management."*

Security Risk Advisors on LinkedIn

## ANNUAL MEMBER AWARDS



### The Routhy Award

The Routhy Award was created in 2018 in honor of the first Chairman of the Board, Jim Routh. It is awarded yearly to honor other influential forces within health and the information security profession.

**The Routhy Award went to Erik Decker, Intermountain Health.**



### The Securitas Award

The Securitas Award is presented to an individual or team from a Member organization judged to best exemplify collaboration, information sharing, active membership, and increased value to the cybersecurity community in the European region. The Securitas Award is awarded yearly at the European Summit.

**The Securitas Award went to Dr. Hans-Martin von Stockhausen, Siemens Healthineers.**



### The Steve Katz Hero Award

The Hero Award recognizes one Member each year who represents excellence in information sharing. This award has been renamed to honor the first CISO, Steve Katz, and was presented at the Fall Americas Summit.

**The Steve Katz Hero Award went to Rachel James, AbbVie.**



# Complimentary and Discounted Solutions for Member Resilience

Health-ISAC engages with vetted service providers who embody the mission of increasing Health Sector resiliency against all hazards. This unique, solution-based community provides Members with exclusive cost-effective security solutions, offers Members valuable opportunities to evaluate security services with less risk, and expands Member security awareness.

## AMBASSADOR PROGRAM

The Ambassador program aims to promote and accelerate the acceptance of a simple message — that a more secure health sector can be created by expanding a community for sharing threats, incidents, and best practices. Health-ISAC's Ambassador program is home to two well-known global brands that can reach health security audiences worldwide.

Learn more about the Ambassador Program:  
<https://health-isac.org/ambassador-program/>

## Booz Allen

**Andrew Turner**, Executive Vice President of Booz Allen's Global Commercial Business, expressed Booz Allen's pleasure in participating in Health-ISAC's Global Ambassador program. He emphasized,

*"That to our adversaries, it's one connected battlespace and stressed the importance of information sharing to improve security and bolster the resilience of health operators in Europe, APAC, and North America."*



Google Cloud

**Taylor Lehmann**, Director, Office of the CISO, Google Cloud said,

*"We are proud to enter our 3rd year working in partnership with Health-ISAC as part of its Ambassador Partner program. From day 1, our organizations have partnered closely to bring tools and resources from Google to help Health-ISAC execute its mission while elevating the Member experience. Google is active in a variety of education programs, intelligence sharing initiatives, working groups, and supporting each other's events. This year, our partnership featured efforts highlighted by the National Security Council (US) as well as a variety of programs that have taken our partnership international. Public-private partnerships are a key to resilience, and we are proud to team up with Health-ISAC's community to help build a stronger, more resilient healthcare ecosystem."*





## COMMUNITY SERVICES

Community Services providers offer their services to Health-ISAC Members at reduced fees or, in some cases, at no cost. In 2024, these 11 vested stakeholders shared their expertise across the Membership community at Health-ISAC Summits and in well-attended monthly lunchtime webinars exclusive to Membership. By providing unique solutions to Members, Community Services Providers increase resiliency for all Members across the health ecosphere, regardless of resource depth.

Learn more about Community Services:  
<https://health-isac.org/community-services/>

### Community Service Vendors



# Building Resilience: Strengthening Global Awareness for Health-ISAC's Mission

In 2024, Health-ISAC was featured in news stories nearly every 1.3 days, reflecting a staggering 396% increase in media mentions compared to the previous year. This significant milestone underscores Health-ISAC's reputation as a trusted and authoritative source for health security information.

For the latest Health-ISAC news, please visit: <https://health-isac.org/post-type//in-the-news/>

**7**  
Podcasts

## Media Mentions:

**222**  
Media  
Mentions

**368**  
*Total Media*  
222 media mentions + 60 articles + 4 press releases +  
7 podcasts + 75 interviews

**THE WALL STREET JOURNAL.**

 **Harvard  
Business  
Review**



Advisory warning that hackers using Black Basta ransomware have "recently accelerated attacks against the healthcare sector."

**CNN**  
Cyberattack forces major US health care network to divert ambulances from hospitals

Health-ISAC



**USA TODAY**  
What happens if medical records are stolen? As breaches become more common, be in the know

"Be careful not to share sensitive information over e-mail"

**Forbes**

**60**  
Articles

**OCBS  
NEWS**

**75**  
Interviews

**4**  
Press  
Releases

**The New York Times**

**AXIOS**



**The Washington Post**  
KFF Health News  
When Hospital Cyberattacks Compromise Care, Not Just Data

"In 2010, "We weren't pairing cybersecurity and health care in the same sentence.""

Denise Anderson  
President and CEO

## Podcasts:

*Hack-tivism: How Turmoil In The Middle East And Ukraine Have Increased Cyber Risk In The Healthcare Segment*, **Health Stealth Radio** Season 1: Episode 1, Denise Anderson, President/CEO Health-ISAC

*What Keeps Healthcare CISOs Up at Night? A Conversation with Michael Bray and Errol Weiss*, **Cy Beat Podcast**, Errol Weiss

*Understanding the Current & Evolving Healthcare Cyber Threat Landscape*, **Cyber From the Frontlines**, Episode 8, Errol Weiss

*The Current Cyber Threat Landscape in the Healthcare Sector with Health-ISAC*, **TribalHub Podcast**, Denise Anderson, President/CEO Health-ISAC

*The Impact of AI for Cybersecurity for the Healthcare Sector*, **RSA Conference podcast**, Errol Weiss

*The Cybersecurity Prescription Healthcare Needs*, **Cyberwire Caveat**, Episode 224, Errol Weiss Feature

*A High Stakes Swap*, **Cyberwire Daily**, Episode 2021, Errol Weiss Feature

Health-ISAC subject matter experts spoke at a wide range of events, representing the organization and sharing valuable insights to strengthen the health sector's security and resilience. Through these engagements, they helped build awareness of Health-ISAC's mission, fostering collaboration and knowledge sharing across the industry.

## Health-ISAC Leadership Speaking Sessions:



"Medical Device Security - You know what to do!" at the CMIA Connect Conference, Anaheim



European Commission Kickoff Event for Cybersecurity Awareness Month



Data Connectors Healthcare and Pharma Virtual Summit



International Association of Emergency Managers (IAEM) Critical Infrastructure Consortium Meeting



"Current and Emerging Cyber Security Threats in Healthcare, Plus Staying Safe Online" AHIMA24 Conference



118  
Speaking  
Sessions

ISMG Network



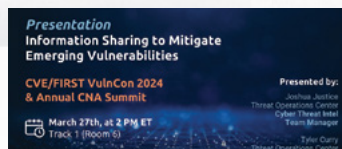
Systemic Risks within Critical Infrastructure at All Hands Across America, Washington, D.C.



Healthcare & Pharma Cybersecurity Summit



9th ENISA eHealth Security Conference, Budapest



"Information Sharing to Mitigate Emerging Vulnerabilities" CVE/FIRST VulnCon Summit





**Health-ISAC™**  
Collaborating for Resilience in Healthcare

Health-ISAC, Inc.  
12249 Science Dr, Suite #370  
Orlando, Florida 32826

Drève Richelle 161 M Box 57  
1410 Waterloo, Belgium

**Health-ISAC.org**

Health-ISAC's mission is to empower trusted relationships in the global Health Sector to prevent, detect, and respond to cybersecurity and physical security events so that Members can focus on improving health and saving lives.

### **DON'T MISS THE UPCOMING 2025 SUMMITS**

**APAC**

March 18–20  
**Kuala Lumpur,  
Malaysia**

**Spring Americas**

May 19–23  
**Naples, Florida**

**European**

October 14–16  
**Rome, Italy**

**Fall Americas**

December 1–5  
**Carlsbad, California**

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