



Ransomware In Healthcare: An Emergency Managers Response and Recovery Manual

Presented by: **Grant Madden, Emergency Manager, University of California; UC San Diego Center for Healthcare Cybersecurity**

Presentation Abstract: Ransomware is a plague on healthcare systems as cyber criminals view data rich entities like hospitals as desirable targets. Ransomware is not a white collar crime, it is a threat-to-life crime that dismantles a hospitals ability to provide patient care, putting patient safety at risk. Ransomware is no longer the exclusive domain of IS to resolve - it requires Emergency Managers to revise how they view their Hazard Vulnerability Assessment, and develop a response and recovery plan, just as they would for earthquakes or hurricanes.

Learning Objectives:

- Revision of the Hazard Vulnerability Assessment for ransomware.
- Construct a Ransomware Incident Response Guide for any healthcare facility.

Speaker Bio: Grant is the Emergency Manager at the University of California San Diego, Center for Healthcare Cybersecurity under funding

from the Advanced Research Project Agency for health (ARPA-H). He is currently collaborating with clinical and informatics staff to write the world's first healthcare ransomware response guide that has a ""patient most at risk"" focus. Grant's role in the program is to author the Emergency Management and Hospital Incident Command Center Ransomware Incident Response Guide.

Grant is the former Business Continuity Manager at UC San Diego Health, when in 2023 he was awarded the University of California Risk Award for Innovation in Hazard Vulnerability Assessment Methodology. He was seconded to higher duties as Administrator of the University of California Business Continuity system before taking on his current role.