CYBERSECURITY & INFRASTRUCTURE SECURITY AGENCY

**OCTOBER 12, 2021**

NEBRASKA STATE WATCH CENTER

# CRITICAL INFRASTRUCTURE RANSOMWARE ATTACKS

CISA Region 7 is experiencing a **significant** number of ransomware attacks impacting numerous Critical Infrastructure Sectors. We need your help. We are requesting your assistance in sharing the resource links below with all your partner organizations and their members to increase cybersecurity protective measures and employee awareness on the ever-changing ransomware threat to companies across the region.

Ransomware is an ever-evolving form of malware designed to encrypt files on a device, rendering any files, and the systems that rely on them, unusable. Malicious actors then demand ransom in exchange for decryption. The resources found at StopRansomware.Gov are designed to help individuals and organizations prevent ransomware attacks that can severely impact business processes and leave organizations without the data they need to operate and deliver mission-critical services:

Stop Ransomware | CISA

**Additional NO-COST CISA RESOURCES:**

- Cybersecurity 101 Video Series
  - Gain an understanding of ransomware, phishing, and disinformation and how to keep you and your organization safe online from this three-part video series from CISA.
- FBI Cyber Investigative Response
  - This is a high-level overview of ideas cyber security professionals should consider and details what to expect during an FBI investigation of a cyber intrusion, including descriptions of what the FBI can and cannot do.
- Cyber Essentials
  - This is a CISA guide for leaders of small businesses as well as leaders of small and local government agencies to develop an actionable understanding of where to start implementing organizational cybersecurity practices.

**WHAT CAN YOU DO TODAY TO REINFORCE YOUR CYBERSECURITY?**

A question CISA security professionals receive often is, “What can I do today to help protect my organization?” These four steps are the foundation for stronger cybersecurity:

1. **Turn on multi-factor authentication**
2. **Update your software**
3. **Think before you click**
4. **Use strong passwords (and ideally a password manager)**

Finally, five products in the National Cyber Awareness System offer a variety of information for users with varied technical expertise. Individuals with more technical interest can read the Alerts, Analysis Reports, Current Activity, or Bulletins. Users looking for more general-interest pieces can read the Tips.

A subscription to any or all of the National Cyber Awareness System products ensures that you have access to timely information about security topics and threats:
National Cyber Awareness System | CISA

CISA leads the Nation’s strategic and unified work to strengthen the security, resilience, and workforce of the cyber ecosystem to protect critical services and American way of life:
CYBERSECURITY | CISA

Remember, no organization can confront today’s security challenges alone, and no organization that partners with CISA will ever have to.

For further questions please contact us at: CISAregion7@CISA.DHS.Gov