

Commission Presentation

Cybersecurity



Agenda

- Cyber Threat Landscape
- Ransomware/Phishing/Malware
- City's Cybersecurity Defense
- Questions

Cyber Threat Landscape



Common Cyber Threat Landscape

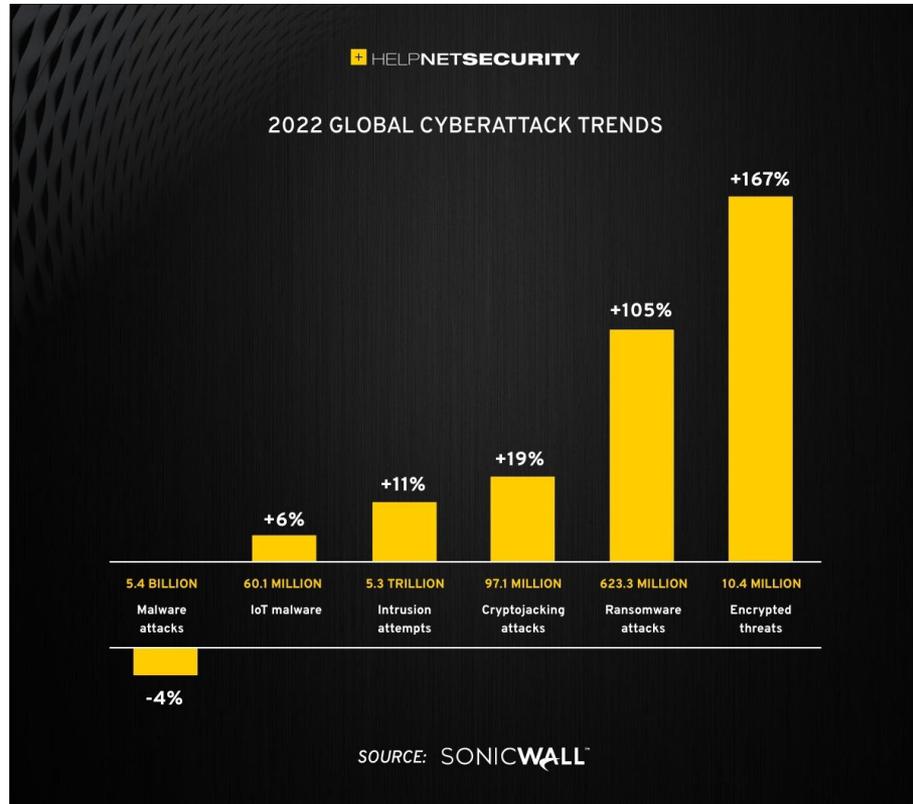
RANSOMWARE

MALWARE

PHISHING

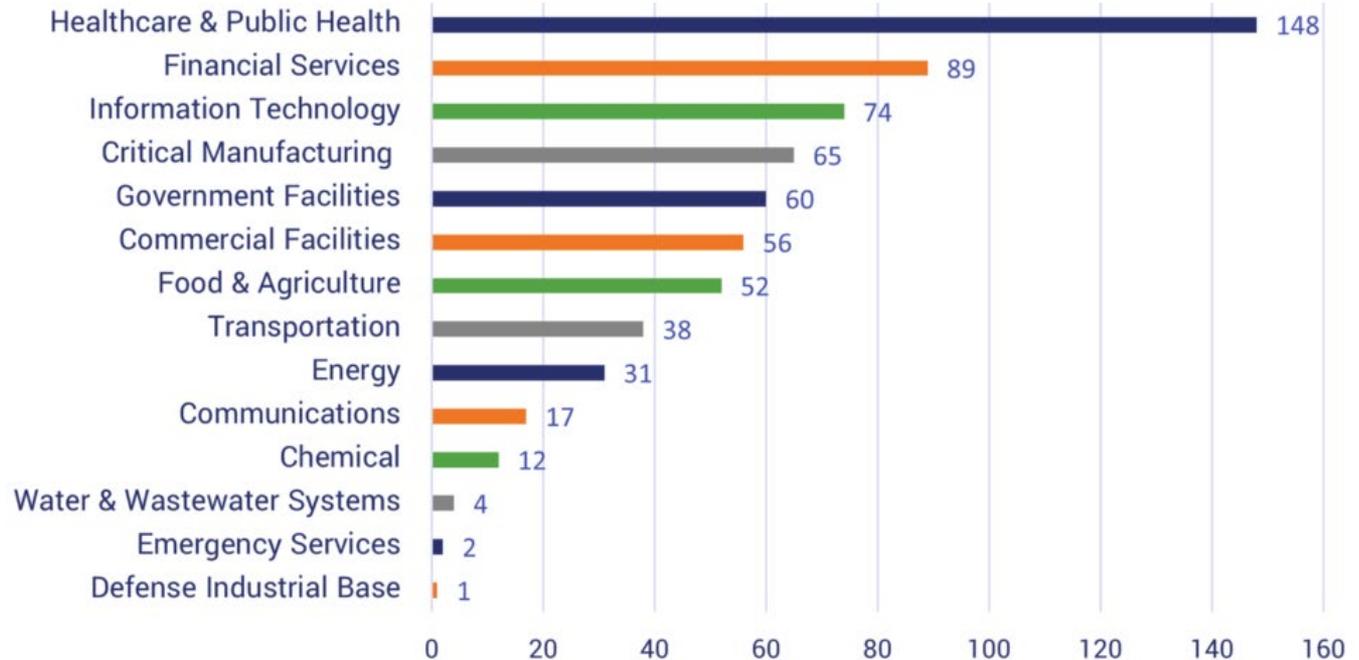
PUBLIC NETWORKS

Ransomware



Ransomware

Critical Infrastructure Ransomware Attacks (2021)

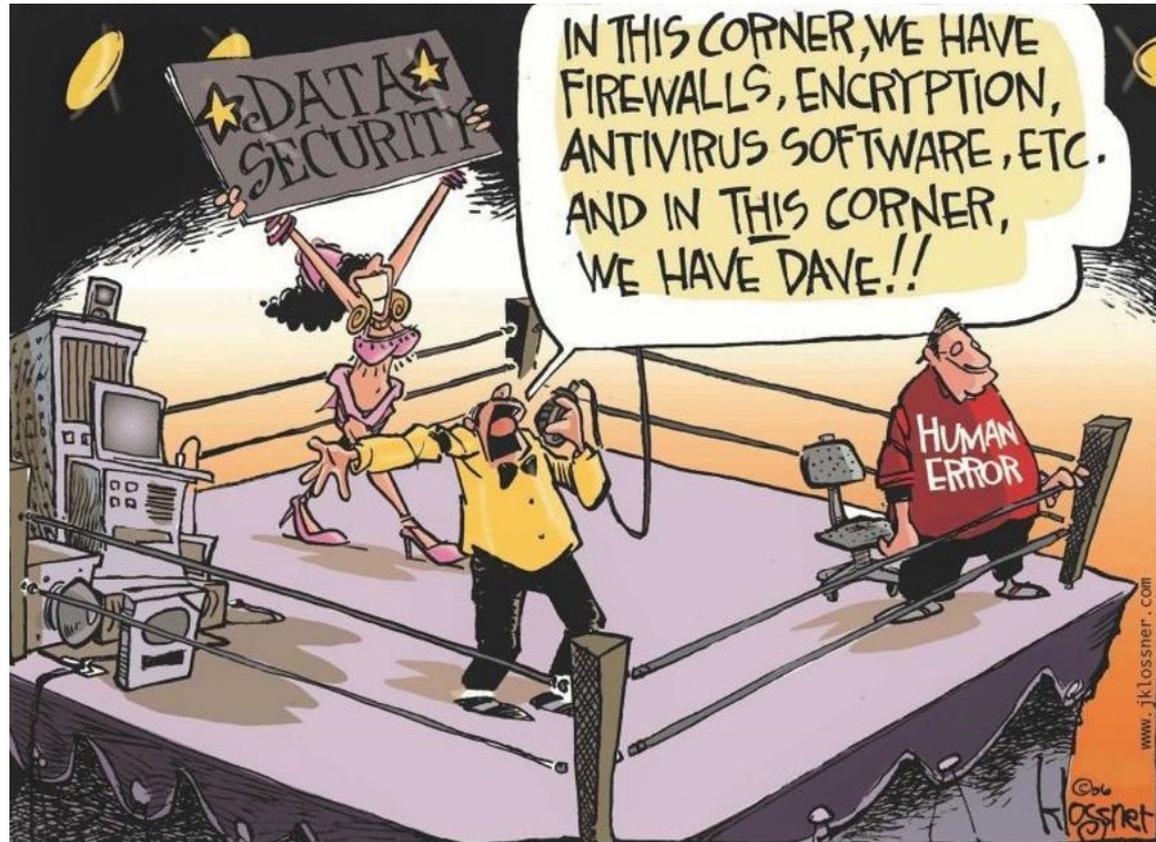


Ransomware

Successful Recent Attacks

- LA USD in CA
- Minneapolis, MN
- SF 49ers
- Glenn County Office of Education in CA
- Cisco
- Oakland, CA
- Dish Network

City's Cybersecurity Defense



City's Cybersecurity Defense

Training & Notification

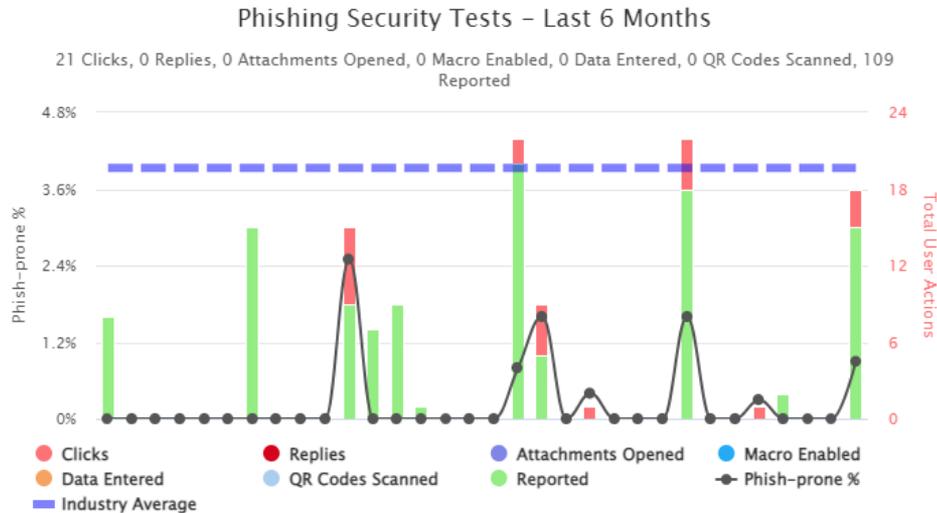
- Mandatory for all employees
- Phishing Campaigns
 - Fail – Remedial Training
- Caution Banner – Outside of Cupertino

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City's Cybersecurity Defense

Where we stand:

Phishing



Industry Benchmark Data ?

Account Average Phish-prone %	0.9%
Last Campaign Phish-prone %	0.9%
Industry Phish-prone %	3.9%

Industry:

Organization Size:

Program Maturity:

City's Cybersecurity Defense

Your Mission:



Questions?

