

# HEALTHCARE AND CYBERSECURITY:

PATIENT DATA HIGHLY COVETED BY CYBERCRIMINALS

## TOP CAUSES OF BREACHES IN HEALTHCARE:



Ransomware



Phishing



Credential Stuffing



Social Engineering

54%

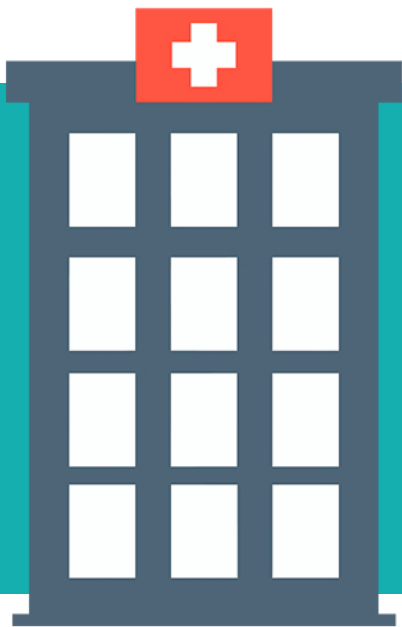
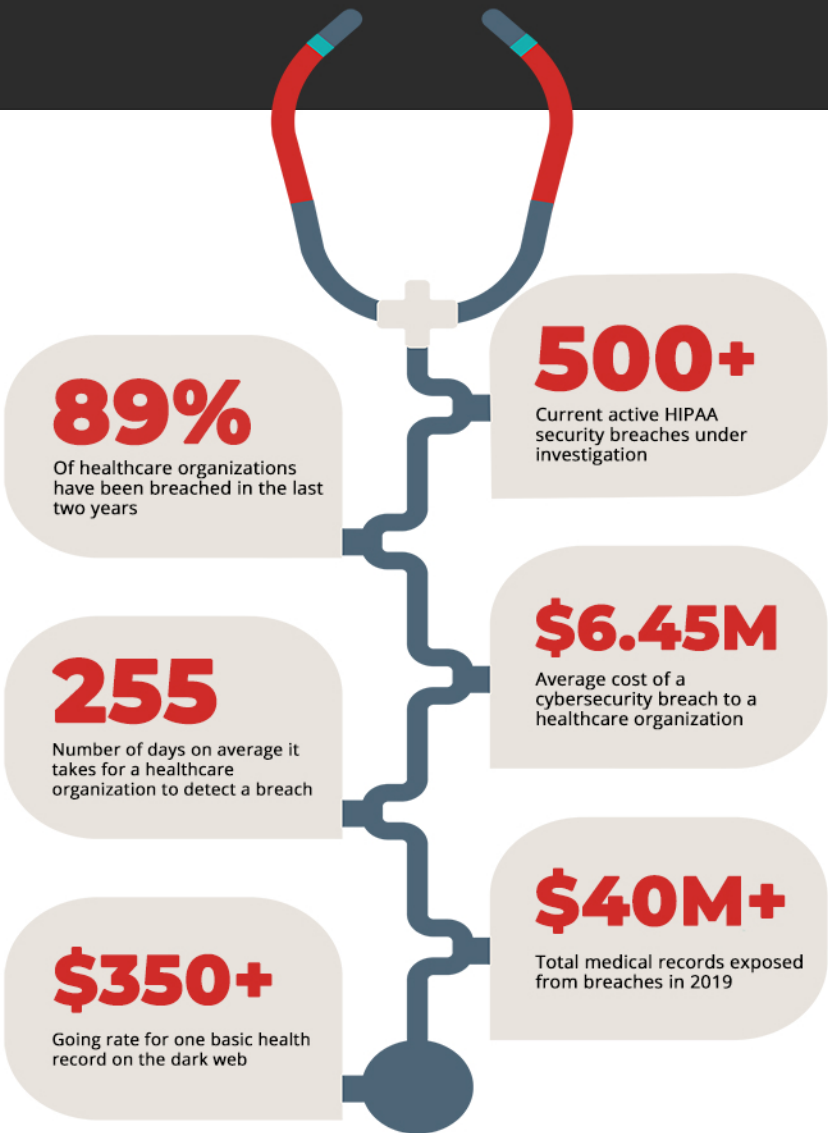
OF BREACHES ARE DUE TO EMPLOYEE NEGLIGENCE OR MALICE

25%

OF HEALTHCARE ORGANIZATIONS ARE NOT ENCRYPTING DATA DURING TRANSFER TO THE CLOUD

## A BREACH CAN ALSO HAVE THESE LASTING EFFECTS:

- HIPAA fines and investigations
- Reputational damage
- Loss of brand image
- Interruption of life-saving services to patients
- Data loss



## STAFFING CHALLENGES

82%

AMOUNT OF HEALTHCARE ORGANIZATIONS THAT SAY CYBERSECURITY IS A TOP CONCERN

58%

AMOUNT OF HEALTHCARE ORGANIZATIONS WITHOUT A DEDICATED SECURITY EXECUTIVE (C-LEVEL)

40%

AMOUNT OF SMALL-TO-MEDIUM SIZED HEALTH ORGANIZATIONS WITHOUT A SECURITY STAFF

## BINARY DEFENSE CYBERSECURITY SOLUTIONS

### REAL PEOPLE DETECTING REAL THREATS IN REAL TIME

Keep your patients’ private health information out of cybercriminals’ hands. Binary Defense offers comprehensive, proactive solutions to help safeguard the privacy and security of your patient data.

- SOC-as-a-Service
- Security Information & Event Management
- Managed Detection & Response
- Counterintelligence

## IMPROVE CYBERSECURITY AT YOUR ORGANIZATION



**Data encryption:** securing data with encryption makes it harder to be stolen



**Establish multi-factor authentication** for an additional layer of protection



**Employee education** is your first line of defense – make sure they know what to look for



**24/7/365 monitoring by a Security Operations Center** as an extension of your own team can ease the burden on your staff



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