

THE HERTFORDSHIRE CARE PROVIDERS ASSOCIATION

DSPT to CAF: Are You Prepared for the Security Shake-up?



VIRTUALIT

P R E S E N T E D B Y
P A U L D A V I S



INTRODUCTION

PAUL DAVIS

Virtual IT



VIRTUALIT



CyberSecurity in the Care Sector:

From DSPT to CAF

DSPT to CAF: Are You Prepared for the Security Shake-up?

What is DSPT & CAF?

DATA PROTECTION AND SECURITY TOOLKIT (DSPT):

Scope and Application: Focused on healthcare organisations.

Framework Structure: Comprehensive for data security and regulatory compliance.

Risk Management: Evaluates existing security measures.

Regulatory Compliance: Ensures compliance with healthcare regulations.

CYBER ASSESSMENT FRAMEWORK (CAF):

Scope and Application: Broad application across multiple sectors.

Framework Structure: Structured approach to evaluating and improving security protocols.

Risk Management: Provides a more structured and comprehensive approach to managing risks.

Regulatory Compliance: Aligns with the latest cybersecurity standards and regulations.

The Garden of Care: Nurturing Patients and Protecting Data



Sunlight and Water: Patients
need personalised care to thrive



Fertiliser:
Update medical
records for the
best treatment.



Pest Control: Cybersecurity
protects data from breaches.



Fencing: Privacy
policies safeguard
sensitive information.

Why is Compliance Important?

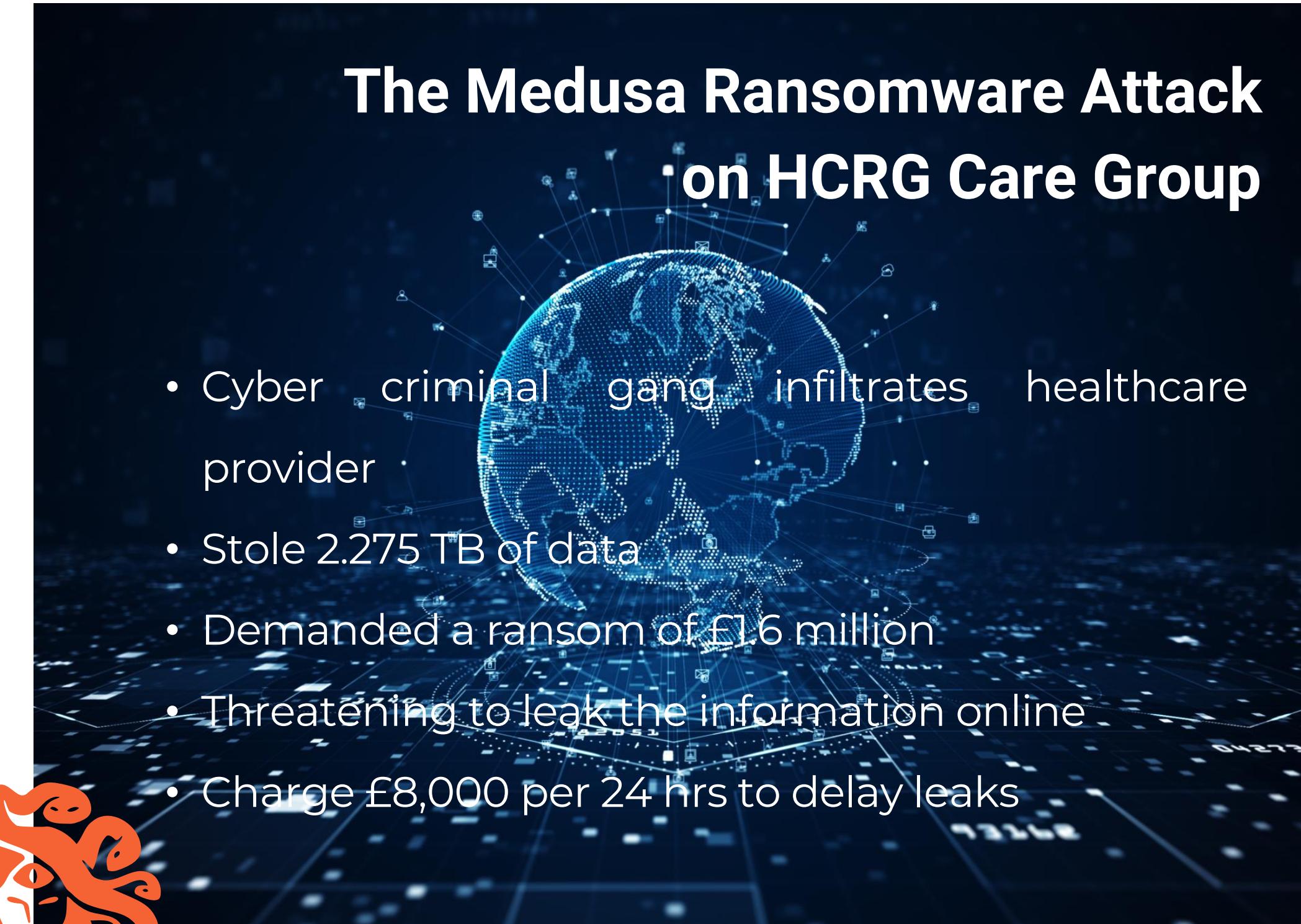


Who's my Neighbour?



February 2025

The Medusa Ransomware Attack on HCRG Care Group

A blue-toned globe is positioned in the center of a dark blue background. The globe is covered in a network of white lines and small icons, representing a global network or a map of affected locations. The background is a dark blue gradient with some subtle digital patterns.

- Cyber criminal gang infiltrates healthcare provider
- Stole 2.275 TB of data
- Demanded a ransom of £1.6 million
- Threatening to leak the information online
- Charge £8,000 per 24 hrs to delay leaks

A stylized orange logo of the mythological creature Medusa is located at the bottom left of the slide. It features a central circular eye and several tentacles or snakes radiating outwards in a swirling, tentacle-like pattern.

The Potential effect of a Cyber Attack?



- **Business folds!**
- **Service Disruptions**
- **Patient Data Compromised**
- **Privacy concerns and fines**
- **Damaged Reputation**
- **Potentially dire consequences to patient health**
- **Loss of contracts**
- **Lost revenue**
- **Supply chain disruptions**
- **Invoice fraud**

Just How at Risk is the Care Sector?



- 2.39 million instances of cybercrime in 2023.
- 52% of these targeted health and social care businesses.
- Average cost of a data breach in the health and social care sector is up to £3 million per incident.



Is My Organisation at Risk?

If so, from what?

Ransomware Attacks

Phishing & Social Engineering

Insider Threats & Human Error

Unsecured IoT Devices

Weak Data Protection & Compliance Issues

Practical Steps We Can All Take



Regular Cybersecurity Training



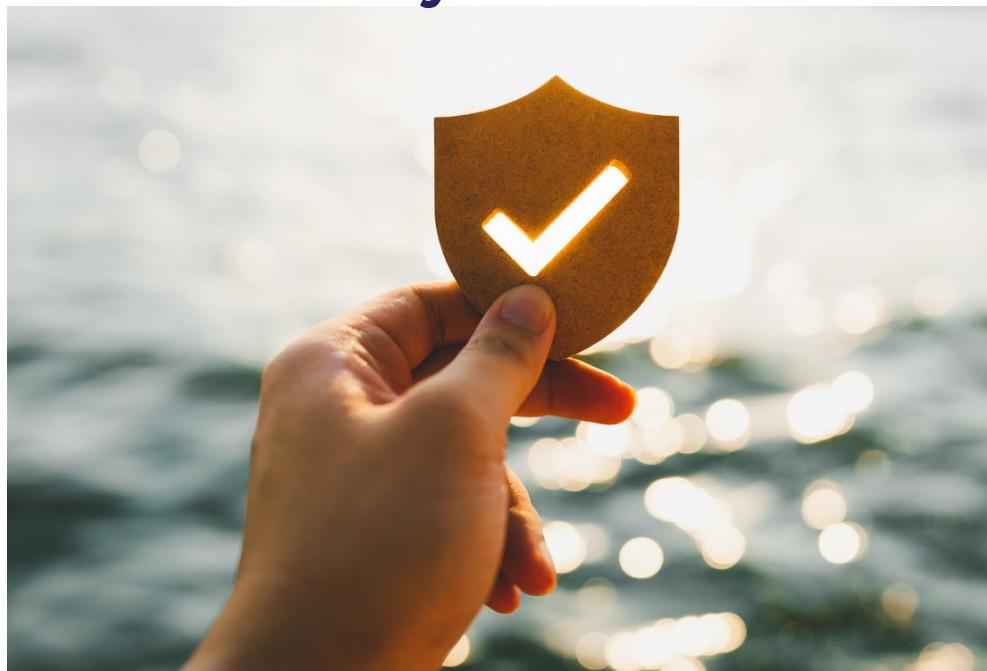
Upgrade Legacy Systems



Strict Access Controls



Routine Backups



Strong Endpoint Protection



Password Hygiene

Embrace Compliance...

Get the ***fundamentals*** in place and partner with the right **technology provider**



Focus on delivering ***exceptional*** care while **compliance** is taken care of in the background.

...and Win Coveted Tenders

Smooth Sailing in Healthcare Compliance

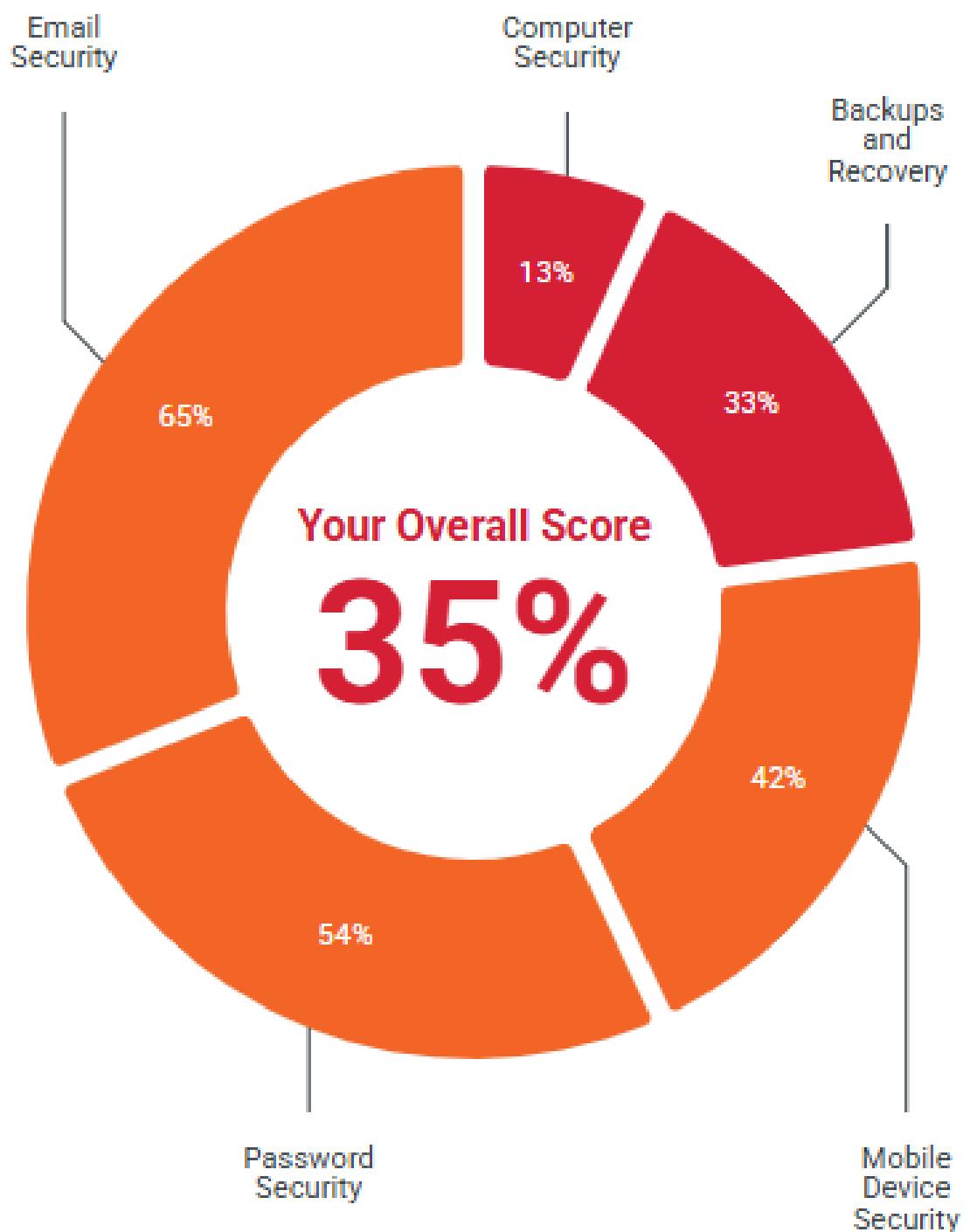
Ensure
compliance is
met by
partnering
with the right
provider



Continue to
provide
excellent
patient care



Discover your Cyber Health Scorecard



E M A I L C Y B E R @ V I R T U A L I T . C L O U D

W E B W W W . V I R T U A L I T . C L O U D



V I R T U A L I T

THANK YOU

*DSPT to CAF: Are You
Prepared for the
Security Shake-up?*

PRESENTED BY PAUL DAVIS



VIRTUALIT