



## 170 million malware incidents across 10,000 organizations...and that was in just one year

In 93% of cases, it took attackers minutes or less to compromise systems, according to an international data breach study.\* And these numbers only reflect *known* attacks – the ones that have been identified and intercepted. In a world of increasingly sophisticated foreign governments, organized crime, and hackers, you need much more than just defenses.

**You need a castle.**

### CyberCastle Managed Security Service

CyberCastle is CyberESI's comprehensive security monitoring and management service. CyberCastle provides **defense in depth** that continuously adapts to the latest cyber threats in order to keep your data, applications, and critical infrastructure secure. CyberESI secures your valuable assets, helps ensure regulatory compliance, and enables your IT team to focus on daily IT business operations.

The truth is that conventional firewalls, anti-virus and anti-malware software are like castle walls built on sand. The question is not *whether* they will be breached – but *when*. CyberCastle counteracts complex threats with the latest machine + human intelligence:



#### DXR

Our unique network data recorder provides full-packet capture, providing you with complete visibility into network traffic and in-depth forensic analysis before, during, and after an intrusion.

#### SXR

Our site server is the central command and analysis engine for CyberCastle, providing intrusion detection, event log collection and aggregation, endpoint scanning, and remote forensics across thousands of endpoints.

#### CXR

A threat platform that combines multiple threat data sources with patented techniques to identify existing and emerging threats and keep pace with ever-evolving cyberattacks.

#### SOC

Skilled and experienced cybersecurity experts in our Security Operations Center conduct real-time network risk analysis, digital forensics, and deep interpretation of security breaches.

### Building a Better Castle

We designed CyberCastle to jump a high bar: delivering superior performance at a competitive price for midsize organizations whose cybersecurity exposure is growing faster than their resources.

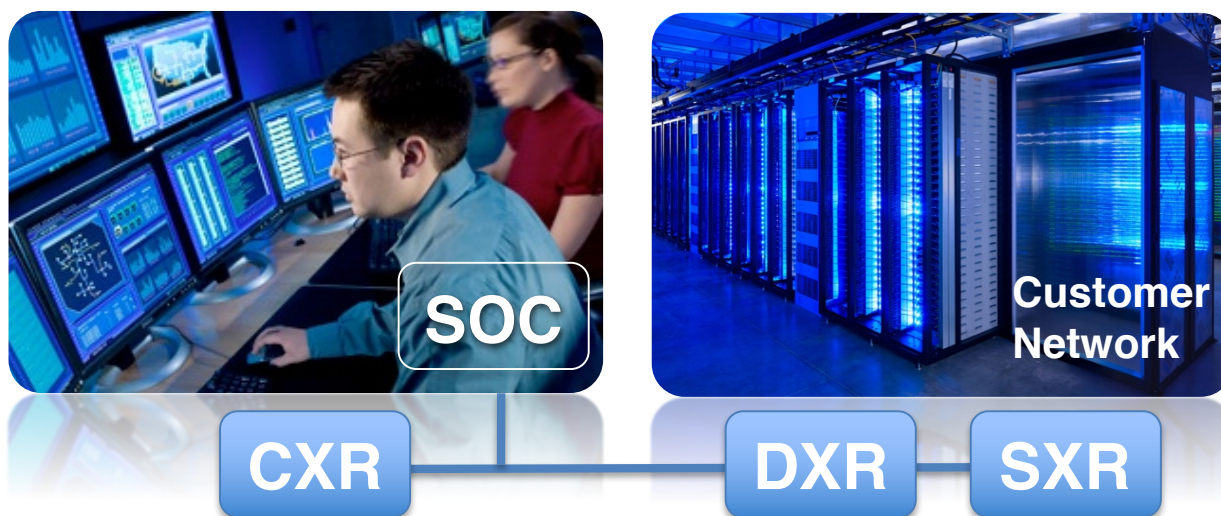
- The DXR data recorder system installed on-premise provides complete network visibility and ultrafast indexing, which enables us to capture and time-stamp every single packet. This power is provided in a low-profile unit (1U to 4U), featuring ultra-dense storage and less power consumption than a traditional SAN. Operating at up to 40 Gbps, it can be expanded in modular fashion from 4TB to 768TB.
- The SXR is the gateway to a fully managed solution that includes an Intrusion Detection System (IDS)/Intrusion Protection System (IPS) and alerts, endpoint scanning, event log collection and aggregation and forensic tools. It lets you stop reviewing logs and alerts and get back to running your business.

- The CXR combines multiple threat data sources with patented techniques that identify existing and emerging threats to keep pace with ever-evolving cyber threats.
- The SOC maintains a very low customer-to-analyst ratio, which allows our experts to become familiar with your specific security posture and operating environment. That personalized knowledge, captured in our management systems, makes us far more effective in predicting, preventing and analyzing security breaches.
- Flexible pricing and service options let you purchase the service you need today while providing room for the future.

## Why You Need CyberCastle

CyberESI was founded on the principle that **network visibility** is the bedrock of cybersecurity. The question is not *whether* you will be breached – but *when*. Network vulnerabilities and cyber-defense limitations make it inevitable. CyberCastle's high-visibility platform returns control of cyber-defense to our customers and turns the tables on sophisticated attacks.

## Comprehensive Protection



## About CyberESI

CyberESI is a Managed Security Service Provider founded in 2010 by a team of cybersecurity experts with experience serving the US Government, National Institute of Standards and Technology and commercial industry leaders. Focusing on the midsize enterprise with expanding cybersecurity needs, we provide 24x7x365 remote security monitoring and management of your mission-critical networks. In addition, we offer a full range of professional services that assess your risks, establish the right policies to meet them and design in-depth network defenses.

For centuries, castles safeguarded the defense of a far-flung realm. Skillfully designed with multiple layers of defense, these fortresses withstood frontal attacks and long sieges. The structures were the kingdom's eyes and ears in the region, with the ability to dispatch armed forces to counter threats as they arose. Long before the Internet, ancient castles provided a model for the defense of modern-day networks.



**CyberESI**

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\* 2015 & 2016 Verizon Data Breach Investigations Reports