



39 M

individuals
affected by
healthcare
breaches in FH
2023

-290 Days

average
recovery time
from a
ransomware
incident

\$ 10.1 M

Average Cost of
a healthcare
data breach

Managed Healthcare Extended Detection And Response

Advanced Threat Detection and Response

The rise malicious attacks and data breaches has shown just how brittle the US healthcare industry has become. The continuity of care, availability and quality of clinical operations, and patient data are all threatened by cyber risks. Cybersecurity risks are now patient risks.

Security Operations are the final line of defense against accidental data leaks and full-scale, nation-state backed cyber criminals. A new adaptive form of cyber defense is needed to stay ahead of cyber threats in the ever-evolving global arena of healthcare cybersecurity.

"Scaling up a security operations center (SOC) with only internal staff is difficult, if not impossible, for most organizations."

- Gartner SOC Model Guide, 2023

250-
1000x

Medical Record
value compared
to SSN on the
Black Market

10-15

Security Staff
needed for
Medium-sized
Health Systems

-35%

breaches
attributed to
3rd Party Risk

>50%

connected
medical devices
with known
vulnerabilities

Main Challenges

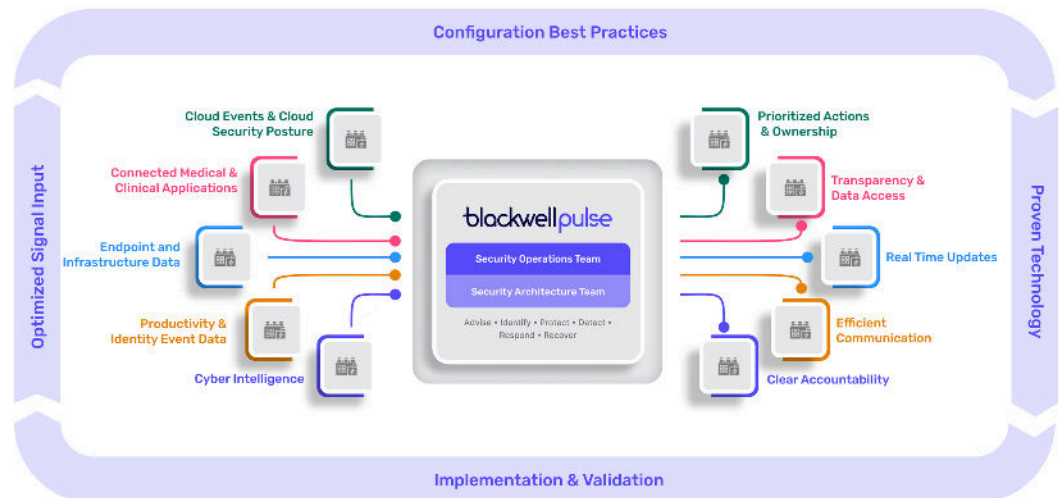
- **Sprawling attack surface** - Healthcare organizations are composed of diverse and highly unique cloud and on prem infrastructure, 3rd party tools, legacy systems, clinical and research assets.
- **PHI is everywhere** - Securing PHI across the sprawling attack surface and fragmented vendor systems requires constant vigilance and deep understanding of normal business operations and behavior.
- **Non-patchable Assets** - Due to the nature of the business, diagnostic, patient facing and care delivery assets cannot be easily taking offline for routine patch management leaving vulnerabilities open for accidental and malicious exploitation.
- **Shortage of professionals** - staffing trained and effective 24/7 security teams is cost prohibitive for many health organizations.
- **Budget constraints** - Every dollar not spent on patient care is highly scrutinized making it hard to drive a cyber initiatives.

Introducing MHXDR - Defending All of Healthcare

Blackwell Security is a robust technology-enabled Managed Healthcare Extended Detection and Response (MHXDR) Service Provider. With 24/7 Healthcare Threat Detection and Response capabilities, Blackwell focuses threat detection on alerts that pose the largest risk to patient care delivery, patient safety, and exposure to PHI.

Blackwell provides fast and accurate identification of threats to PHI security, care delivery, and patient safety with AI-informed playbooks and response procedures, giving you the best quality security service across your organizations attack surface.

Security Process Flow



The
blackwell
Difference

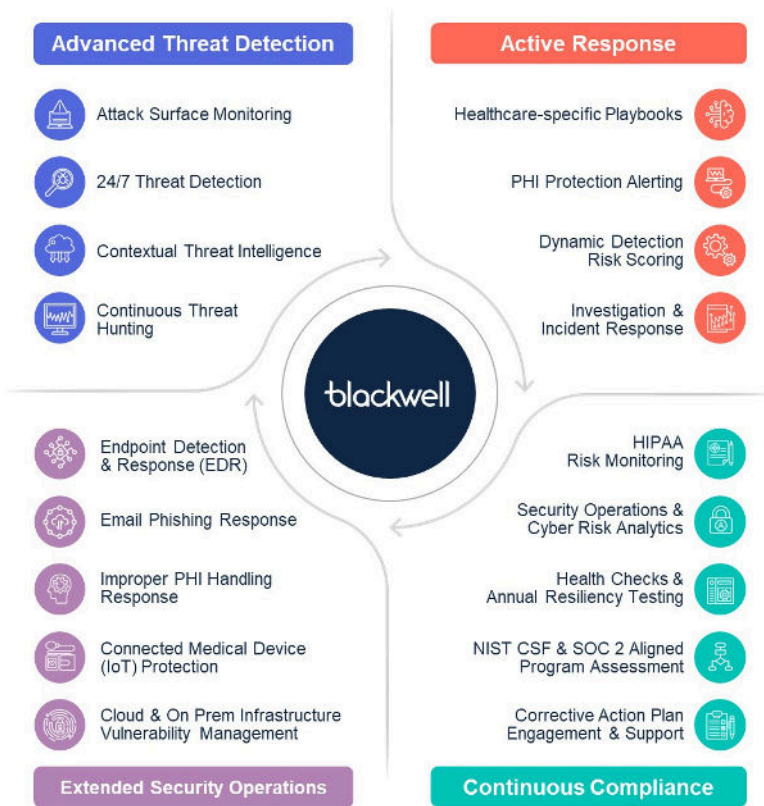
Breadth of
Technology
Integrations

PHI Data
Detection &
Response
Handling

Healthcare
Tailored
Playbooks

Fully US-based,
expert Security
Team

Core Features



A Modern SOC - The Cyber Fusion Center

Blackwell’s MHXDR is purpose built for healthcare organizations. We tailor our services to your security program through complete coverage and collection of your unique medical attack surface, beyond endpoint and infrastructure assets.

With an average of 15 years of on-the-job cybersecurity expertise, Blackwell’s US-based Security Operations & Services team has managed some of the largest incidents and cyber threats in the industry. You get a fully trained and operational staff with 24/7 eyes on screen and continuous visibility and transparency in the work being done on your behalf.

There is no black box separating you from your organizations alerts, investigations, and incidents. You have direct access to a team of experts when everything is on the line.

Cybersecurity Made for Healthcare

Free up your security team to work on longer-term strategic initiatives while Blackwell Security’s Security Operations and Incident Response Teams tackle alerts, reduce noise, and manage the most important threats to your organization.

Blackwell Security is a dedicated Managed Healthcare Extended Detection & Response provider. We are purpose-built to safeguard patient care delivery and patient data.

Contact us at blackwellsecurity.com | info@blackwellsecurity.com

