CyberloQ

Since 2007, Verizon's annual Data Breach Investigations Report has analyzed security breaches across industries and networks worldwide to identify threat specifics.

Breaches in 2017

15% of identified breaches occurred in the healthcare industry

75% of breaches were carried out by outsiders

81% of breaches occurred via password login vulnerabilities

These statistics identify the need to provide a stronger form of authentication and authorization for access to healthcare data that isn't possible with just usernames and passwords.

HIPAA requires that healthcare providers ensure that safeguards be in place to protect patients' PHI, specifically unauthorized disclosure of information which is maintained or transmitted electronically, a requirement made all the more burdensome by increasing access from mobile devices.

Situation Report:
Healthcare Cybercrime

For a medical provider, the effects of a data breach, either malicious or unintentional, can have serious consequences.

Cybercrimes, such as stealing PHI and PII for identity theft, are a multi-billion dollar industry.

Such data breaches not only have an immediate financial impact, but the affected HCO can also face an ongoing loss of reputation and trust. Thus, protecting your enterprise's data assets and developing the ability to respond promptly to cyber threats is today an integral component of PHI and PII protection.

About CyberloQ

Grounded in 30+ years of experience providing domestic and international cybersecurity services for the U.S. Government, our patent-pending CyberloQ™ technology is designed specifically to provide a solution for proactive, real time control of identity governance to protect a HCO's patients, information assets, and the organization's brand reputation.

Secure Multifactor Authentication

Advanced Credit Technologies' patent-pending CyberloQ™ technology adds one more tool to the healthcare provider's arsenal to fight unauthorized access to protected resources. Rather than take action after a breach, CyberloQ uses Multi-Factor Authentication (MFA) to pro-actively ensure that only authorized users, on approved devices and within designated locations, can access your HCO's protected data.

Iron Clad Security

We're currently developing future enhancements to add additional layers of security to CyberloQ's current MFA solution by including biometrics for high level access security.

By using CyberloQ's MFA technology, HCOs can more than meet HIPAA privacy and security guidelines by ensuring that healthcare data is not accessed from unauthorized locations, on unapproved devices, or by unauthorized personnel. Healthcare records, essential in case of an audit by the HHS OCR for HIPAA compliancy, are recorded in a global administrative console that is easily accessible by your HCO administrators.

"Always Off" Perimeter Surveillance

Data protected by CyberloQ can be accessed only by those employees or patients who have been registered with the healthcare provider's CyberloQ enabled database such as Active Directory or LDAP. CyberloQ enabled client accounts will always be in an "inactive" state until they use their mobile device (a smartphone, laptop or tablet) and a PIN as a two-factor authentication credential to access any protected data resource, PHI or PII.

The medical provider also uses CyberloQ's administrator-defined geofencing capability to ensure that the user/device is within a certain geographical perimeter before access is granted. This location can be as large as a city or as small as a room, providing the ultimate perimeter surveillance scalability.

A user acount will only recieve access within the geofence perimeter. This feature is particularly important in a world where medical data is increasingly accessed via "always-on" active account logins.

Mobile App

Supports GPS and Location Permissions

Global View Console

Featuring comprehensive details and reporting for each information activation across users, devices, and locations.

- **GPS and Location Reports**
- **User Tracking Reports**
- **History Reports**
- **Activation Calendar**
- **Activation Map**

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