

## Healthcare Use Case

# Protect your Website and Web App from Attack

### Security Challenge

Websites and applications are essential communication channels that enable medical centers and other healthcare organizations to engage with patients, staff and the community at large. But as the public-facing online presence of the institution, they are also highly exposed and vulnerable to attack.

### Consequences

Cybercriminals may copy websites to spoof them for credential theft; penetrate and alter them to deliver ransomware; or otherwise manipulate websites and apps for financial gain or to spread misinformation to the public at large.

### Risks

Attacks on healthcare organization websites and apps may expose the owners to regulatory censure and fines if data is exposed; paralyze systems with ransomware, shutting down essential services and burdening organizations with remediation and/or ransom expenses; risk patients' and visitors' well-being by replacing public health information with malicious misinformation; and cause reputational damage to the organization.

### Solution

Ericom Shield Web Application Isolation airgaps websites and web apps from users and visitors. It cloaks site elements from view, shielding site content and potential vulnerabilities from hackers who might exploit them as well as competitors seeking information, and protecting users who access the site.

### Ericom Shield: Remote Browser Isolation Protection for Websites and Web Apps

Ericom Shield protects healthcare organization websites and web applications by cloaking website or app code, APIs and 3rd party apps from malicious actors seeking vulnerabilities to exploit, backend systems to breach, or design details that will make their spoofed sites precise. By airgapping backend website and app information from visitors' view, Ericom Shield protects host organizations without impacting delivery of the information and functions they were meant to provide.

For further protection, Ericom Shield can scan documents that users upload via web applications, removing any malware before it reaches organization systems or networks, and delivering only safe document content.

Copyright © Ericom Software