



Data Security: Extra resources for ethical practice

Explore the resources below to learn more about the importance of protecting data in the era of digital health and guidance for developing safe and effective products.

[Biohacking Village](#)

The Biohacking Village brings forth issues in emerging biotechnology, regulations, medical and pharmaceutical manufacturing, cybersecurity, and citizen science to identify opportunities to collaborate and improve patient outcomes.

[Common Vulnerabilities Exposure \(CVE\) program](#)

The CVE Program aims to identify, define, and catalog publicly disclosed cybersecurity vulnerabilities.

[Ethical Legal and Societal Issues \(ELSI\) Framework](#)

The ELSI Framework is an analytical framework for identifying ethical, legal and societal issues that could be associated with a given research project or the development of a technology.

[Fast Facts: The Primer on Digital Medicine](#)

This primer provides extensive information on how to accelerate the safe and effective advancement of the field of digital medicine.

[Health Sector Coordinating Council \(HSCC\) & Cyber Working Group \(CWG\)](#)

The HSCC CWG mission is to collaborate with the Department of Health and Human Services and other federal agencies in the United States to develop policy, regulatory and market-driven strategies for mitigation of cybersecurity threats in healthcare.

[I Am The Cavalry](#)

I Am The Cavalry is a grassroots organization focused on the intersection of digital security, public safety, and human life. I Am The Cavalry's efforts are focused on cybersecurity issues relating to four main areas of public safety.

[Online Safety Basics from the National Cybersecurity Alliance \(NCA\)](#)

Here, the NCA provides its top 10 tips for protecting yourself, your family, and your devices from data security threats.

[ReCODE Digital Health checklist](#)

This checklist was developed as guidance for digital health researchers, technology developers, ethics boards, clinical personnel, and anyone participating in a digital health study.

[The Playbook: Digital Clinical Measures](#)

The essential industry guide for successfully developing & deploying digital clinical measures and remote monitoring.

[U.S. Digital Service Playbook](#)

This playbook launched by the United States White House outlines specific strategies and best practices from the private sector for building effective digital services.



Use the checklist below to make sure you are taking all the steps necessary to protect your users' data security in your digital health solutions.

Data security & management checklist

- Ensure** networks and servers are encrypted so data is secure at all stages of the digital data process- both in storage and in transit
- Develop** systems with security by design and create standard procedures for monitoring, routine audits, testing, and access review.
- Create** regular opportunities for security education, training, and support for both organization members and users.
- Comply** with regulatory requirements and become familiar with valuable security-focused resources and communities
- Consider** potential risks and harms of security issues and data breaches