# Encryption Basics

Encryption has been identified by government agencies as a key technology in complying with the Health Insurance Portability and Accountability Act (HIPAA) and other privacy-related government regulation. Encryption technologies have matured dramatically in recent years, but implementing and managing an encryption solution is still a complex undertaking.

This article from the **National Institute of Standards and Technology** outlines the basic elements of encryption from the perspective of the health care industry, but the insights are valuable to anyone considering encryption as an option for protecting their valuable data. Issues covered include invisible applications, such as the Secure Socket Layer (SSL) or Transport Layer Security (TLS) protocols, as well as user-directed encryption in e-mail programs and the like.

Included in this ZIP file are:

- Encryption Basics.pdf
- Intro Doc.pdf
- Terms and Conditions.pdf