**Frameworks and controls**

**Security frameworks** are guidelines used for building plans to help mitigate risk and threats to data and privacy. Frameworks support organizations’ ability to adhere to compliance laws and regulations. For example, the healthcare industry uses frameworks to comply with the United States’ Health Insurance Portability and Accountability Act (HIPAA), which requires that medical professionals keep patient information safe.

**Security controls** are safeguards designed to reduce *specific* security risks. Security controls are the measures organizations use to lower risk and threats to data and privacy. For example, a control that can be used alongside frameworks to ensure a hospital remains compliant with HIPAA is requiring that patients use multi-factor authentication (MFA) to access their medical records. Using a measure like MFA to validate someone’s identity is one way to help mitigate potential risks and threats to private data.

**International Organization for Standardization/International Electrotechnical Commission (ISO/IEC) 27001**

An internationally recognized and used framework is ISO/IEC 27001. The ISO 27000 family of standards enables organizations of all sectors and sizes to manage the security of assets, such as financial information, intellectual property, employee data, and information entrusted to third parties. This framework outlines requirements for an information security management system, best practices, and controls that support an organization’s ability to manage risks. Although the ISO/IEC 27001 framework does not require the use of specific controls, it does provide a collection of controls that organizations can use to improve their security posture.