

How InfiniVault™ Meets Sarbanes-Oxley Requirements

The InfiniVault Archive Appliance from ProStor Systems provides significant economic advantage in archiving of information and meets multiple regulatory compliance requirements. Sarbanes-Oxley is one of the compliance regulations that InfiniVault can automate for customers.

The Sarbanes-Oxley Act of 2002 (also known as the Public Company Accounting Reform and Investor Protection Act of 2002) is a federal law that covers standards for U.S. public company boards, management, and public accounting firms. Sarbanes-Oxley or SOX as it is commonly known, has provisions that describe corporate governance rules and business operation controls.

While most of the regulations in Sarbanes-Oxley are about accounting practices and financial reporting, there are specific requirements regarding information storage. Since these rules regarding information storage include prescribed retention periods for financial data, archiving of information is especially subject to these rules.

Information Storage Requirement for Sarbanes-Oxley

The elements of the Sarbanes-Oxley federal law that pertain to information and how the ProStor InfiniVault meets the requirements are noted in the following table:

Action	InfiniVault Solution
Control of Access to Information	InfiniVault requires that authentication be established to allow authorized access to information contained within the InfiniVault archive. Passwords are required for identification and for access to administrative functions.
Audit Trail of Access	InfiniVault keeps an audit trail log of every action taken on a file. The audit trail includes information about the ingestion, every subsequent access, the cartridges and locations where the file resides, and the retention period and actions performed. The audit trail provides a complete chain-of-custody for all financial records that are archived.
Media Protection – retention	Ingested files are put into independent archives within InfiniVault and with the archives multiple folders may be configured. Each folder within an archive has a retention period setting. Files will be retained until that retention period expires, which in the case of Sarbanes-Oxley, is seven years.
Media Protection – Integrity – protect from alteration or destruction	InfiniVault stores archived financial data in WORM (Write Once Read Many) mode both in the Active Archive and on the RDX® removable cartridges. The hardware enforced WORM on the cartridges ensures that the data cannot be altered or deleted until the retention period has expired. Additionally, a hash algorithm is performed on the data to protect unique Content Address that is used to verify that no data has been changed during any transmission or storage operation.

Summary

The Sarbanes-Oxley federal law represents a significant risk for public companies that do not comply as the regulations have both fines and jail time associated with non-compliance. The penalties prescribed include imprisonment for not more than 20 years. This has led to serious considerations for companies that have yet to address the compliance requirements.

InfiniVault provides a very simple means to meet all the legal requirements while providing significant economic benefits for archiving of data. The excuses of cost and complexity to meet the legal requirements cannot be used when a solution such as the ProStor InfiniVault is available.



InfiniVault™ Product Family