

Previous								Next
--------------------------	--	--	--	--	--	--	--	----------------------

Use access controls and firewalls

[Bookmark this page](#)

Data security plans should require use of access controls. Those controls should include measures such as passwords, authentication requirements (e.g., challenge questions to verify user identify), and biometric systems (e.g., fingerprint readers). Multiple authentication systems should be used. Data security policies and practices should recognize that the effectiveness of user authentication systems such as passwords is dependent on the conduct of all authorized users.

For example, if a single user loses control of his or her password, the entire network and all of the data it handles are potentially compromised. Systems such as firewalls should be applied to manage access to the core data network from the Internet and from mobile devices.

