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Using Out-of-Band Authentication for Added Security by [John Nelson](#)

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Choices for protecting your information today are varied. You can use a user name and password to protect your data, but this method has been proven very ineffective at blocking attacks from very skilled hackers. It isn't difficult to determine a user name as this information is not usually hidden. It also is very easy to guess a password or to use key logging software to determine what the password is.

Over time many organizations have begun implementing plans to set a schedule for required password changes to block these attempts. By the time the hacker figures out the password, it will be time to change it again. However, each method that is implemented to improve security will be met with an equally new method to gain access.

Using out-of-band authentication, also known as two factor authentication, takes the security a step further. Out-of-band authentication uses a step that goes away from the web and to a regular telephone line to send the user a onetime use PIN number that must be keyed in to continue with their access. There's not a method for the hacker to get this information and so they are stopped in their tracks.

Using out-of-band authentication will help to protect data across a global user base. It can be used on an international level, making it available to any size organization and corporation today. It is important that your information is secure. Methods to protect the information need to be set up in a way that a hacker cannot breach. Using a system that goes offline to confirm your identity is one way to accomplish this task today.

The options for this type of security feature include the use of a user name and password. However the second step for logging in will include having an automated phone call placed that will contain a onetime use personal identification number that must be entered to continue. This type of security feature is one that cannot easily be breached by any hacker.

Options for protecting data are varied today. However finding a programming option that provides nearly unbreakable security will be a task that will not be easily accomplished. When you find you need a security system that can protect your data fully without requiring a system of complex passwords and access codes, consider the out-of-band authentication choice from Telesign.

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[John Nelson](#) - About Author:

John Nelson, as IT personnel also provides useful information by writing articles about running successful web businesses through various means. He knows that spammers and hackers continuously create problems on the web. To get more information about a [out-of-band authentication](#), please refer a <http://www.telesign.com/>.

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