

# Two-Step: Methods of Verification

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There are many different ways to verify your identity using two-step verification - choose the one that's right for you! Your options may vary from service to service.

## Faculty, Staff, and PhD Students

Contact your [IT Support Representative](#) for the best option to use with two-step verification.

## Two-Step Methods: Key

**Push Notifications** - The best balance between security & convenience, just approve the push notification to sign-in!

**Authenticator App** - Use virtually any app available – this method generates a code every 30 seconds that you'll need to manually enter.

**Physical Security Key** - No need for a phone, just keep the FOB on your keychain for easy two-step verification on the go!

**Voice or Text Message** - The least secure form of two-step verification, receive a code via text or voice message. Make sure you have cell reception!

## Two-Step Methods: Comparison

	Push Notifications (Recommended)	Authenticator App	Physical Security Key: PennKey	Physical Security Key: Google	Voice or Text Message
Security Ranking (e.g. #1 - most secure)	#2	#2	#1	#1	#3
Usable w/o network?	✗	✓	✓	✓	✓
Usable w/o cellular?	✓	✓	✓	✓	✗
Usable w/o a phone?	✗	✗	✓	✓	✗
How to use	Approve a notification	1) Open an app 2) Copy & paste a code	Type in a 6-digit code	1) Plug-in via USB 2) Tap the key	1) Receive a text 2) Type in a code

Requirements	Duo Mobile Google Prompt*	Authenticator app (i.e. Duo Mobile)	N/A	\$40 purchase	N/A
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\*See the *Before You Start* section about push notifications in our [Two-Step Verification \(Google Accounts\)](#) article.

## Questions?

Students - [Wharton Computing Student Support](#)

Faculty - [Academic Distributed Representatives](#) (login required)

Staff - [Administrative Support](#)



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