



HYPERSECU®

Using HyperFIDO™ NFC with Google Accounts and Android

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What is HyperFIDO™?

The HyperFIDO™ U2F security key is designed to quickly and easily secure online accounts with any service compatible with FIDO, including GitHub, Facebook, Google Account services such as Gmail, and more. FIDO promotes convenience while increasing protection by reducing reliance on vulnerable static passwords, meaning you are no longer required to create long complicated passwords. HyperFIDO does all the work for you with a single press of a button.

This document will demonstrate how to register and use your HyperFIDO NFC U2F security key with a Google Account. The NFC feature allows you to easily add a Google Account on your mobile device without having to manually grant access to each device individually through your Google Account settings.

NOTE: This document is up to date with Google Account procedures on the date of publication. However, Google reserves the right to make changes to their procedures and services at any time.

Requirements

Before you register your HyperFIDO security key, you will need:

- The latest version of any web browser compatible with FIDO U2F:
 - Google Chrome (recommended)
 - Opera
 - Mozilla Firefox + U2F Support Add-on
- A valid account with Google
- A valid phone number with SMS (text messaging)
- An available USB port
- HyperFIDO™ NFC U2F security key
- Android mobile device with:
 - NFC capabilities
 - Android 5.0 Lollipop or higher

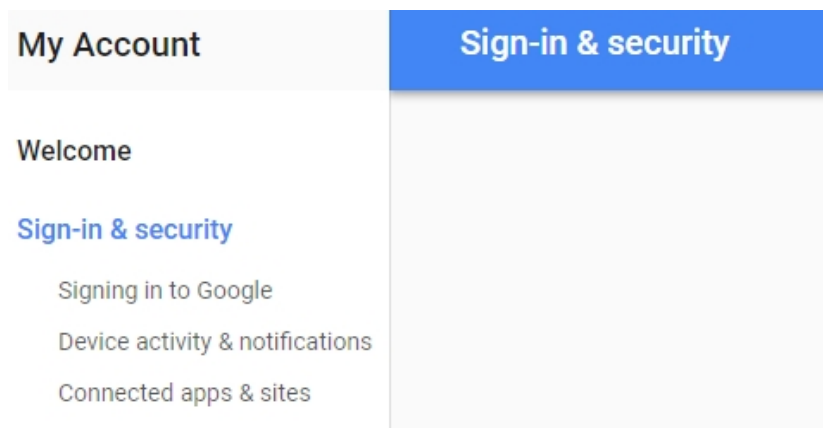
Enabling 2-Step Verification

Before you register your HyperFIDO™ U2F security key, you must have 2-step verification enabled on your Google account.

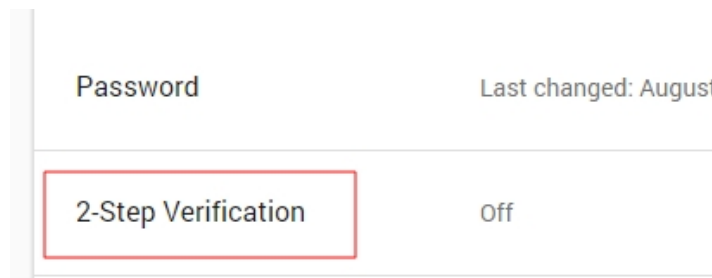
If you already have 2-step verification enabled, you're ready to register your HyperFIDO security key. See *Registering Your HyperFIDO™ Security Key* on page 5..

IMPORTANT: You must use a valid phone number when setting up 2-step verification. A valid phone number will allow you to access your account in the event your security key is lost.

1. Sign in to your Google Account and go to My Account.
2. Under Sign-in & Security, click **Signing in to Google**.



3. Click **2-Step Verification**.



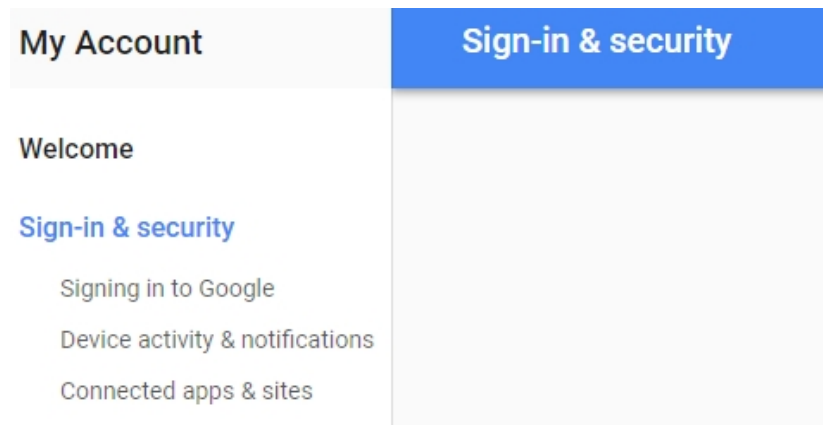
4. Follow the instructions provided on screen to finish setting up 2-step verification.

Registering Your HyperFIDO™ Security Key

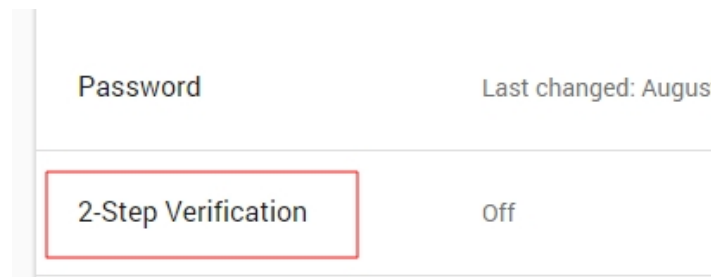
Before you register your HyperFIDO™ U2F security key, you must have 2-step verification enabled on your Google account. If you do not have 2-step verification enabled and are unsure of how to do so, see *Enabling 2-Step Verification* on page 4..

Once 2-step verification is enabled, you're ready to register your HyperFIDO security key.

1. Sign in to your Google Account and go to My Account.
2. Under Sign-in & Security, click **Signing in to Google**.



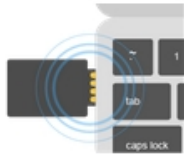
3. Click **2-Step Verification**.



4. Select the **Security Keys** tab and click **Manage**.

Verification codes App-specific passwords Registered computers **Security Keys**

SECURITY KEYS



A Security Key is a physical device that makes signing in to your Google Account more secure. After registering a Security Key, you can sign in by inserting the Security Key instead of typing a verification code.

Manage

You currently have 1 Security Key(s) registered.

5. Click **Add another Security Key**, then follow the instructions on screen.

Security Keys associated with your account

Date added	Added from	Last time u
1/27/15	Chrome on Windows in Richmond, BC, Canada	4/19/15

Add another Security Key

6. Once registration is complete, remove your HyperFIDO security key.

NOTE: Do not leave your HyperFIDO security key unattended inside your USB port. It's important to keep the device with you or stored safely away from your computer to ensure maximum security.

Using Your HyperFIDO Security Key

Once you've registered your HyperFIDO NFC security key, your Google account will require you to insert your security key when signing in.

Signing In Using a Desktop Browser

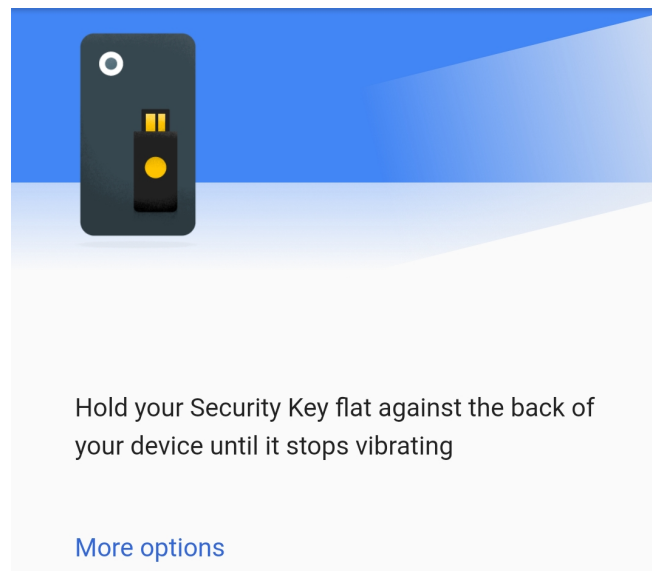
1. Sign in to your Google account with your regular username and password.
2. When prompted, insert your HyperFIDO security key into a USB port.
3. Tap the button when prompted to finish signing in.

Adding a Google Account on an Android device

1. Ensure that all Google Account-related applications are updated.

IMPORTANT: If you're using a third party application that **does not** use Google Identity Platform APIs, you must have the Google Authenticator application installed, as well.

2. Go to **Settings** on your device and add your Google Account.
3. Enter the name of the account you wish to add and the password.
4. When prompted, tap the security key to the NFC sensor on your mobile device to finish signing in.



NOTE: You can enable your computer as a Trusted Computer upon signing in to prevent Google from prompting you to prove your identity for 30 days. When adding your Google Account on a mobile device, you will not be prompted again unless you delete your account and re-add it.

Troubleshooting

Hypersecu Information Systems Inc is not responsible for any errors related to Google services and operations. Please contact the support team for Google in such cases.

Security Key Won't Authorize

If your HyperFIDO™ security key will not authorize your sign in attempt, try the following options:

- Remove the security key and try the sign in process again. Ensure that the security key is not plugged in before you are prompted to authenticate by pressing the button.
- Ensure the security key you're using has been registered.
- Delete the security key and register it again.

Security Key Not Recognized

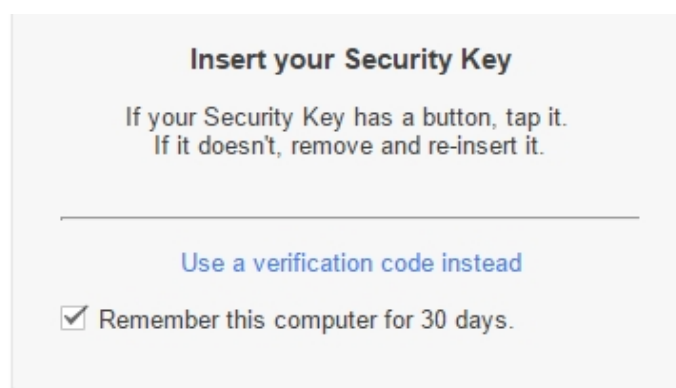
If your HyperFIDO™ security key is not recognized by your device, try the following options:

- If the security key is a HyperFIDO NFC security key, ensure that NFC is enabled on your mobile device.
- Remove your security key and try the registration or sign in process again.
- Restart your device and try the registration or sign in process again.

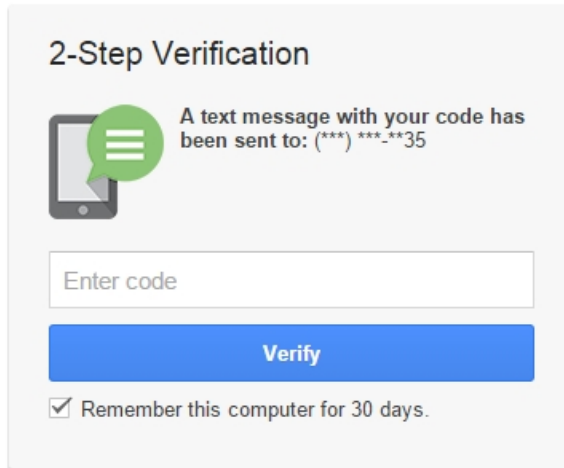
Accessing Your Account Without Your Security Key

If you're unable to use your security key, you can still access your account provided you have attached a valid phone number to your account.

1. Sign in to your Google Account with your regular username and password.
2. When prompted to enter your security key, click **Use a verification code instead**.



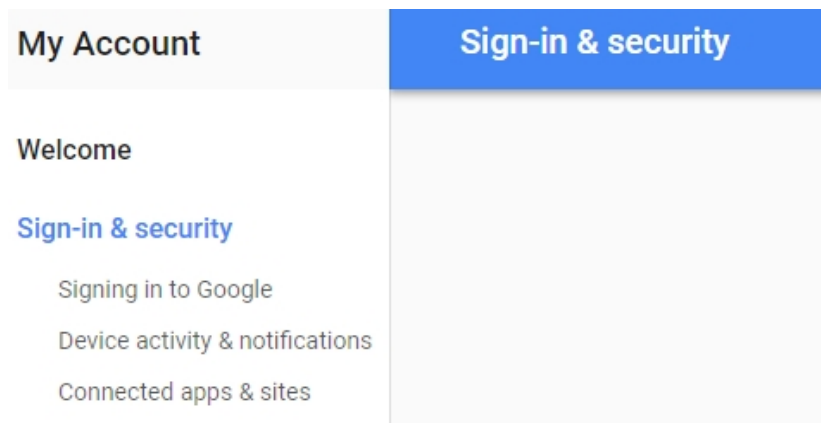
3. Once you've received a text message on your phone with the verification code, enter the code and click **Verify** to sign in.



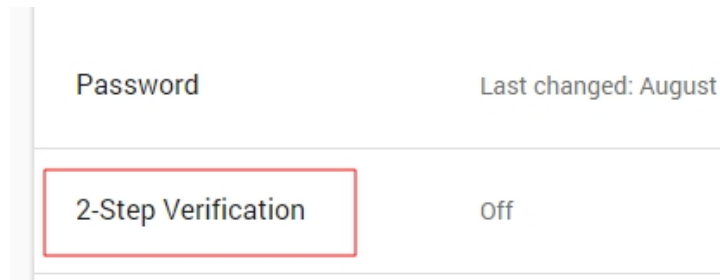
Removing a Trusted Computer

If you wish to remove a trusted a computer before 30 days have expired, you can do so manually.

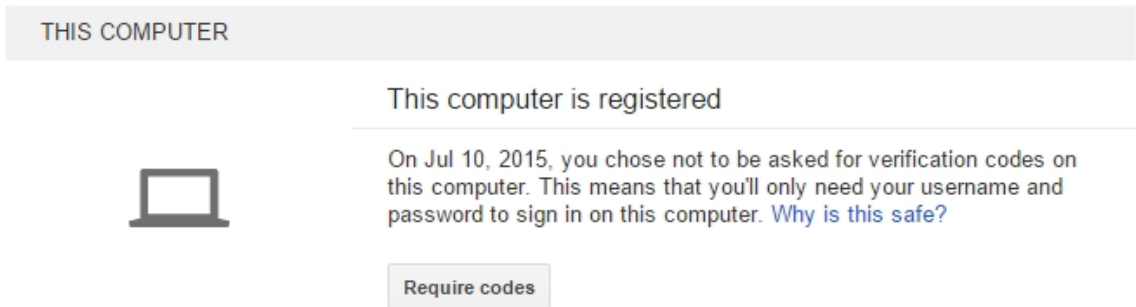
1. Sign in to your Google Account and go to My Account.
2. Under Sign-in & Security, click **Signing in to Google**.



3. Click **2-Step Verification**.



4. Select the **Registered computers** tab and perform one of the following actions:
 - a. If you are currently using the computer you want to remove as trusted, click **Require codes** under This Computer.



- b. If you want to remove all other previously registered computers and devices except for the one you are currently using, click **Change setting** under Other Computers and Devices, then click **Require codes**.

