

2-Factor Authentication (2-FA) is an extra layer of security that is known as "multi factor authentication."

It is a form of authentication that requires not only a password and username, but also something that the user, and only, the user has.

**Factors**

**How Old Is 2-Factor?**

**Who Uses 2-Factor Authentication?**

## Factors

There are three types of factors:

Something you know, such as a personal identification number (PIN), password or a pattern

Something you have, such as an ATM card, phone, or fob

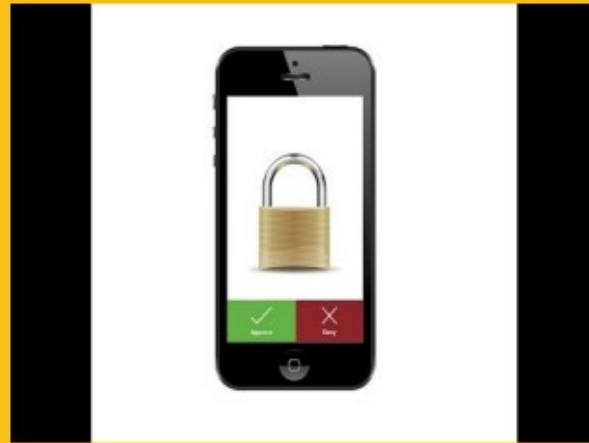
Something you are, such as a biometric like a fingerprint, your face, or your voice

**2-Factor  
requires  
two out of  
the three**

## 2-Factor Requires Two of Three

- Something you know and something you are.
- Something you know and something you have.
- Something you have and something you are.
- The permutations are endless... or are they?

# Activating Duo Mobile



# Setup Sequence

## Screen 1

Upon first login, setup sequence is initiated. After entering *GiftWrap* clientname, username, and password, you will see this screen:



# Screen 2

After clicking the Start Setup button, you will be prompted to add a device:



The screenshot shows a web interface titled "Duo Authentication" in a dark green header. On the left, there is a Duo logo (three green circles) and links for "What is this?" and "Need help?". Below the logo, it says "Powered by Duo Security". The main content area asks "What type of device are you adding?" and provides three radio button options: "Mobile phone" (which is selected and has "RECOMMENDED" in green text), "Tablet (iPad, Nexus 7, etc.)", and "Landline". A green "Continue" button is located at the bottom of the form.

Mobile phone is the preferred device, although tablet and even landline can be used.



# Screen 3 & 4

Next, you are prompted to enter your phone number. Note that tablets need to be cell capable.



**Duo Authentication**

 [What is this?](#) [Need help?](#)  
Powered by Duo Security

Enter your phone number

United States ▼

+1

ex: (201) 234-5678



**Duo Authentication**

 [What is this?](#) [Need help?](#)  
Powered by Duo Security

Enter your phone number

United States ▼

+1  ✓


ex: (201) 234-5678

(781) 771-6697 Is this the correct number?

# Screen 5 & 6

Verify ownership of phone number entered. Duo provides code via text or voice.

### Duo Authentication



[What is this?](#) [Need help?](#)

Powered by Duo Security


#### Verify Ownership of 781-771-6697

1. We can call or text you with a verification code.

or

2. Enter your 6-digit code:

### Duo Authentication



[What is this?](#) [Need help?](#)

Powered by Duo Security

#### Verify Ownership of 781-771-6697

1. We can call or text you with a verification code.

or  Text sent

2. Enter your 6-digit code:

✓



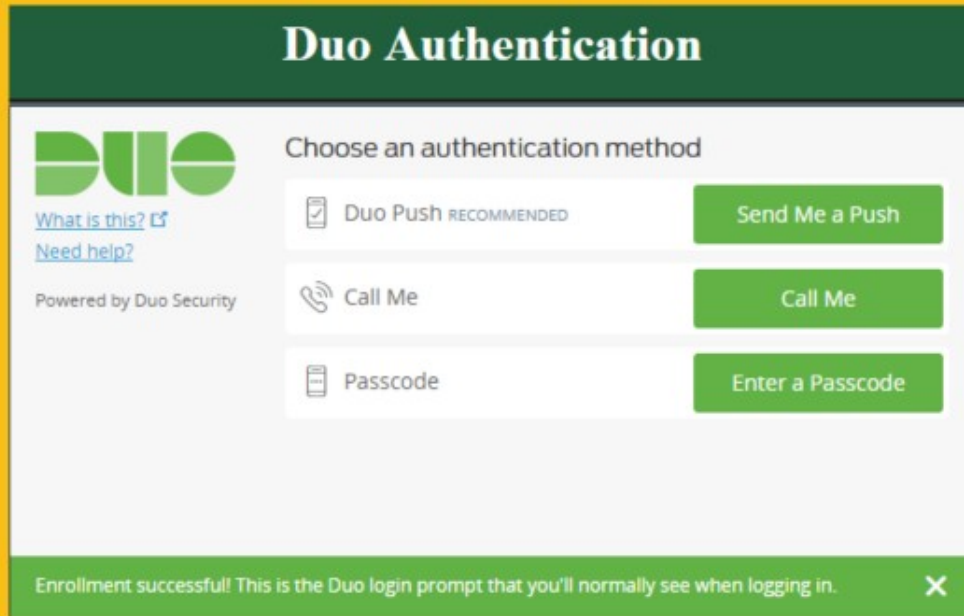
# Screen 6 & 7

Next, set up login. Choose method of obtaining authentication for all subsequent logins.

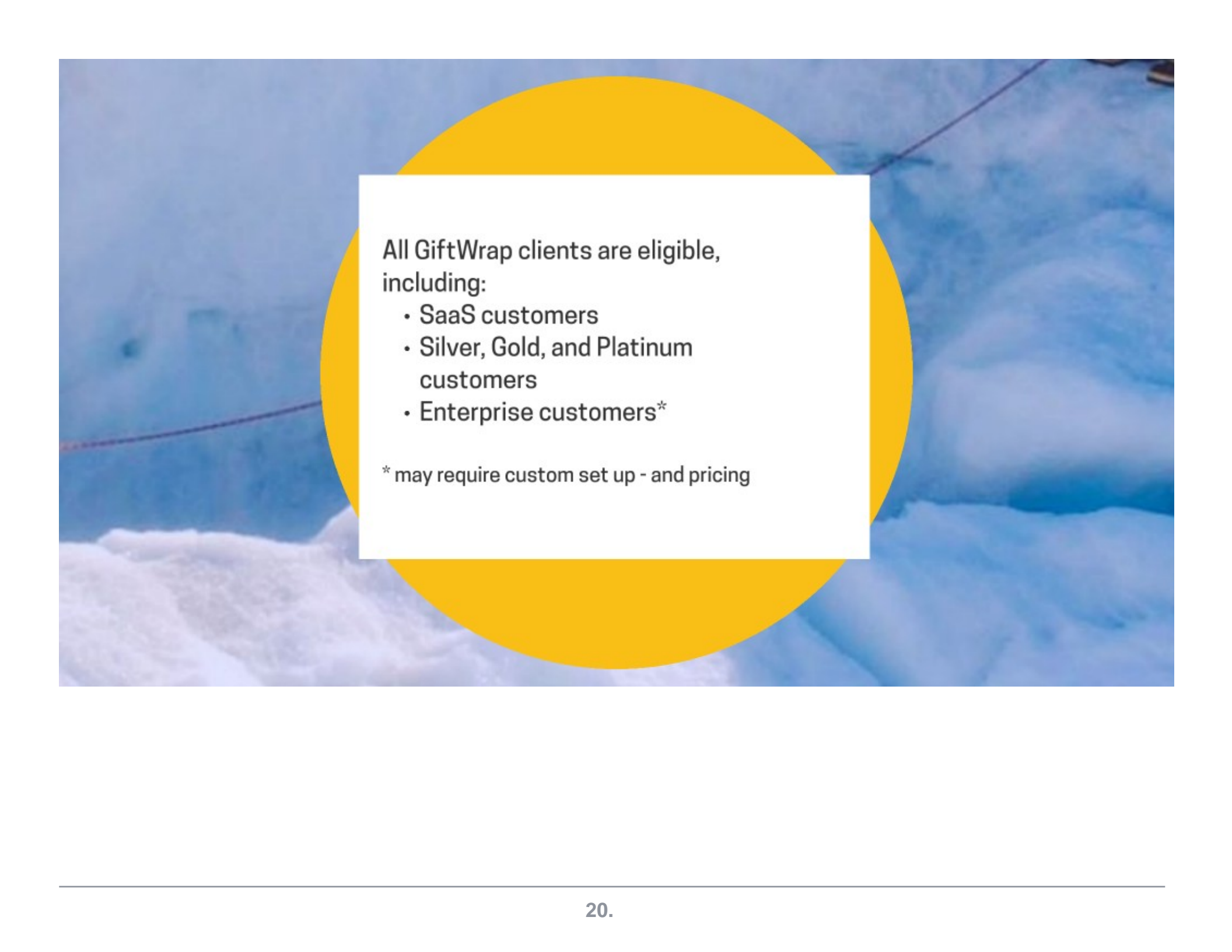


# Screen 8

I chose "Choose and authentication method" and so I will see this screen with each authenticated login.



Method	Description
<b>Duo Push</b>	Pushes a login request to your phone or tablet (if you have Duo Mobile installed and activated on your iOS, Android, or Windows Phone device). Just review the request and tap <b>Approve</b> to log in.
<b>Call Me</b>	Authenticate via phone callback.
<b>Enter a Passcode</b>	Log in using a passcode, either generated with Duo Mobile, sent via SMS, generated by your hardware token, or provided by an administrator.  Click <b>Send codes</b> to get a new batch of passcodes texted to your phone.



All GiftWrap clients are eligible,  
including:

- SaaS customers
- Silver, Gold, and Platinum customers
- Enterprise customers\*

\* may require custom set up - and pricing