

Factors

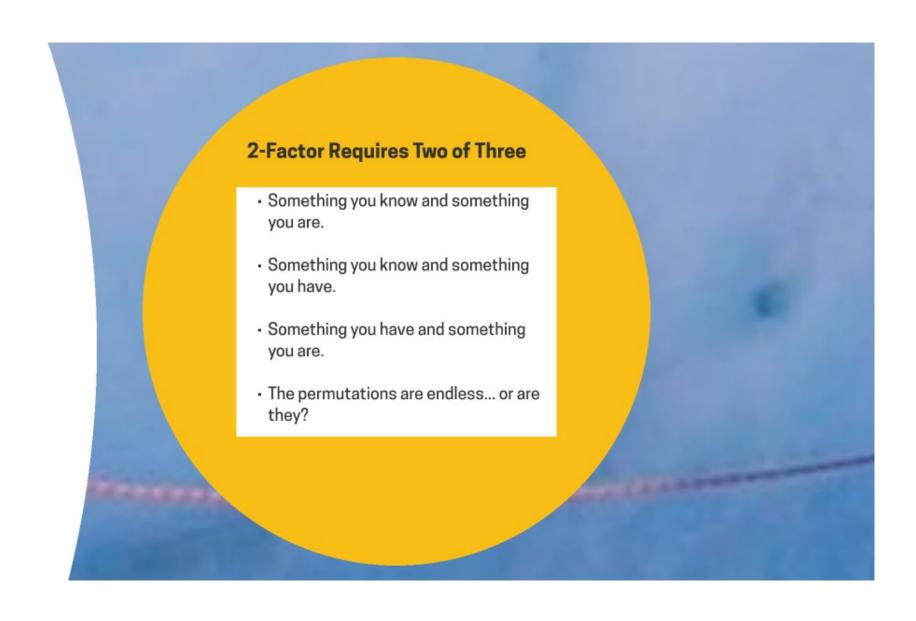
There are three types of factors:

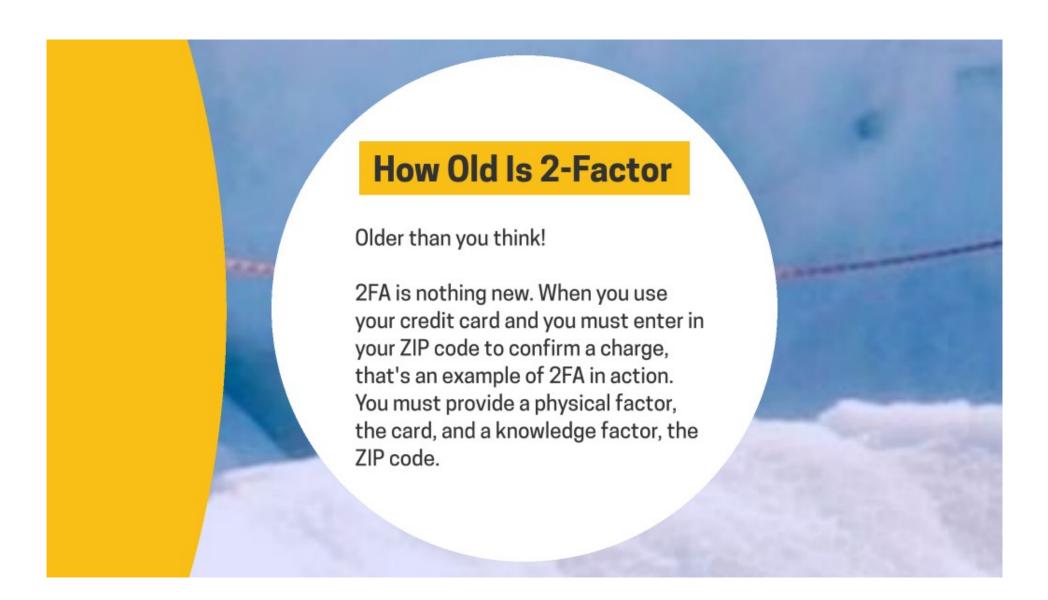
Something you know, such as a personal identification number (PIN), password or a pattern

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

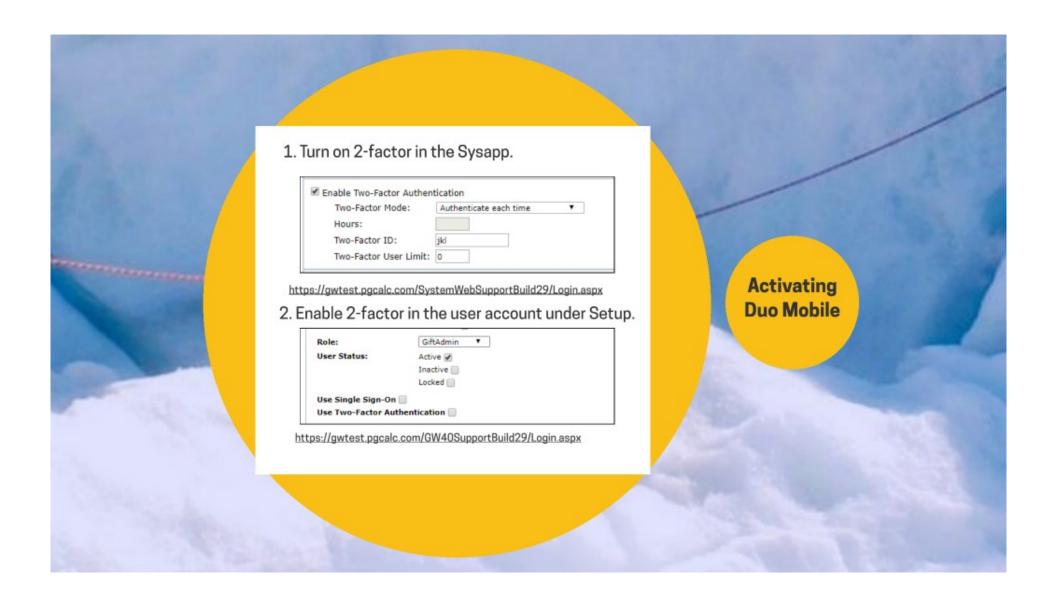
2-Factor requires two out of the three











Activating Duo Mobile









Setup Sequence

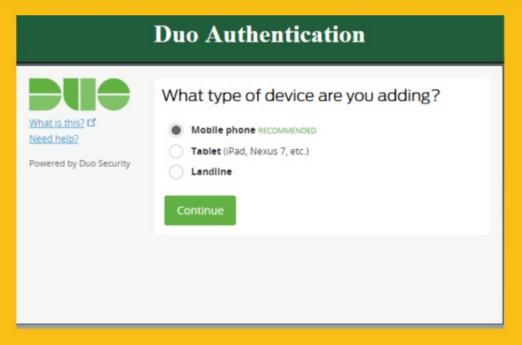
Screen 1

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:



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.





Screen 5 & 6

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





Screen 6 & 7

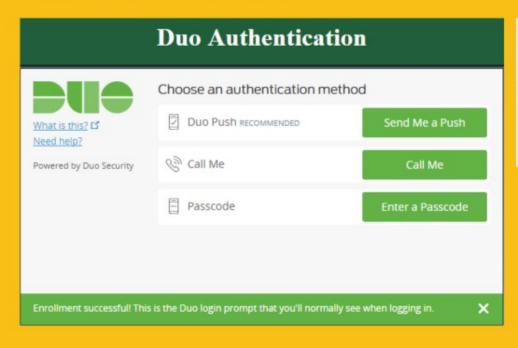
Next, set up login. Choose method of obtaining authentication for all subsequent logins.





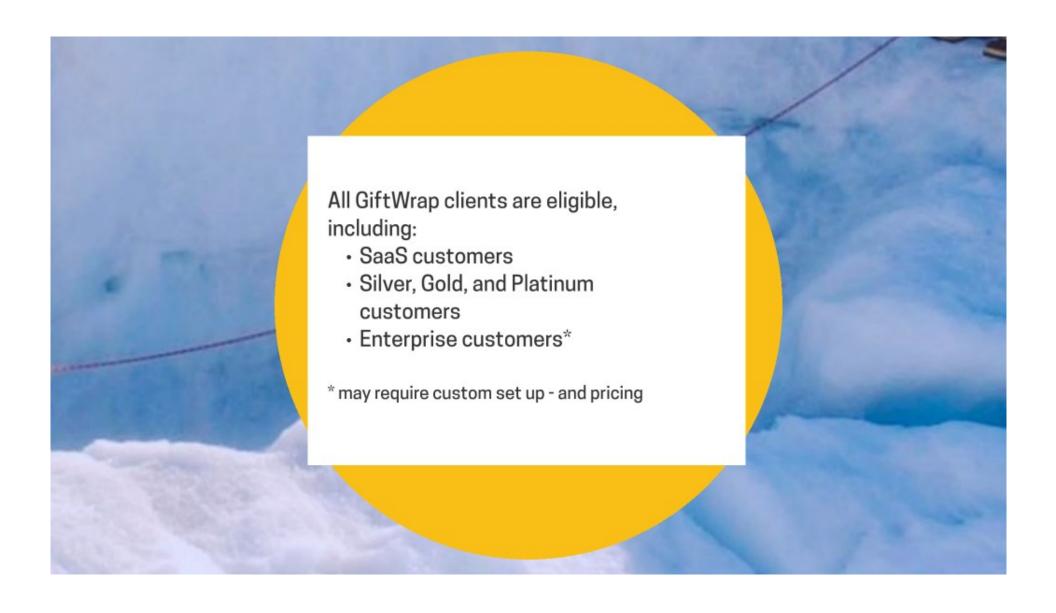
Screen 8

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



Method	Description	
Duo Push	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 Approve to log in.	
Call Me	Authenticate via phone callback.	
Enter a Passcode	Log in using a passcode, either generated with Duo Mobile, sent via SMS, generated by your hardware token, or provided by an administrator. Click Send codes to get a new batch of passcodes texted to your phone.	





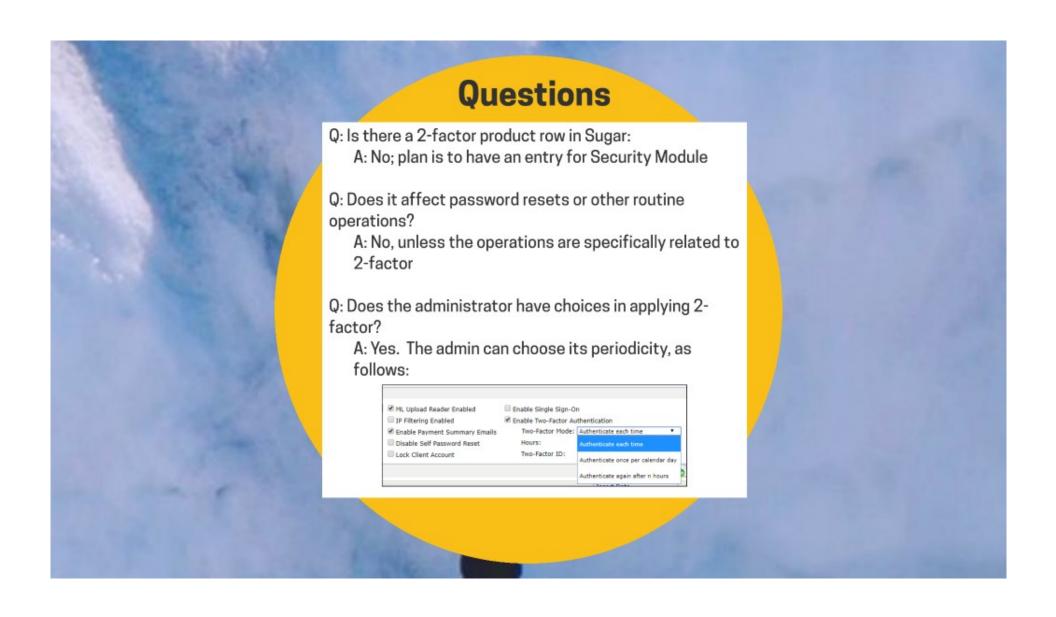














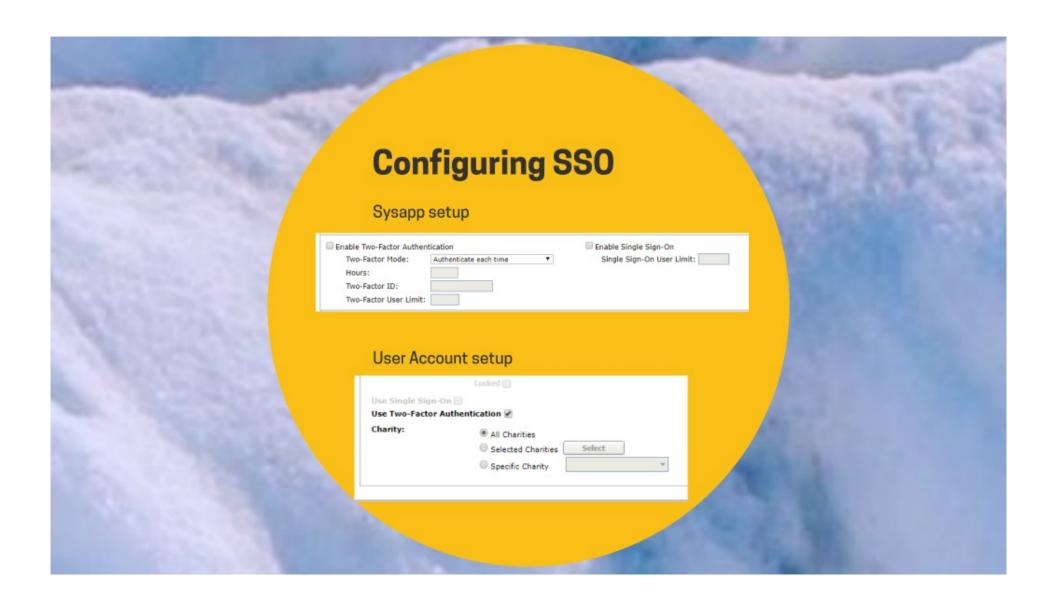


Sample Application Portal

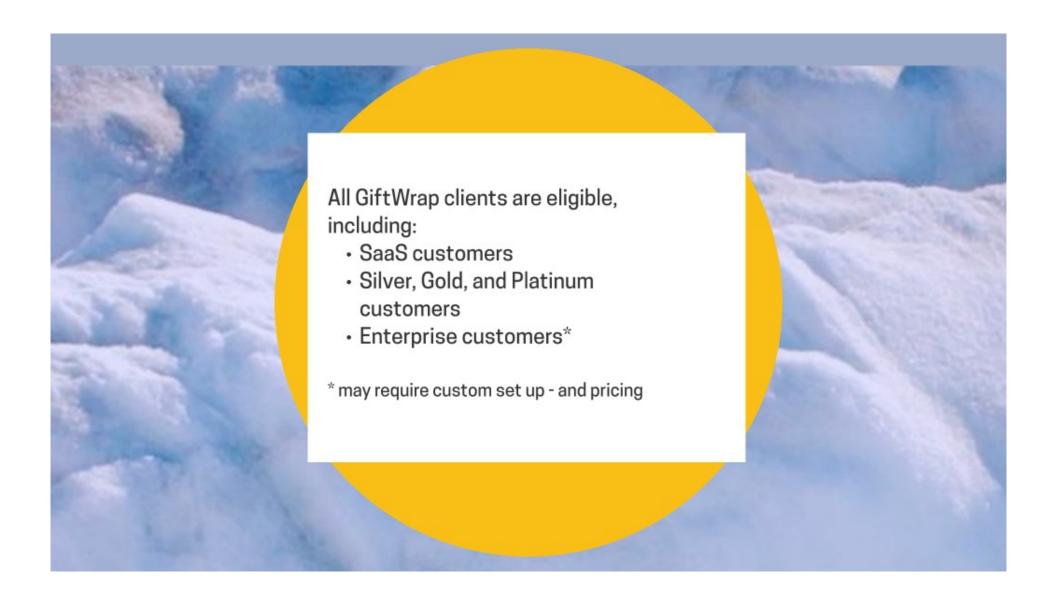






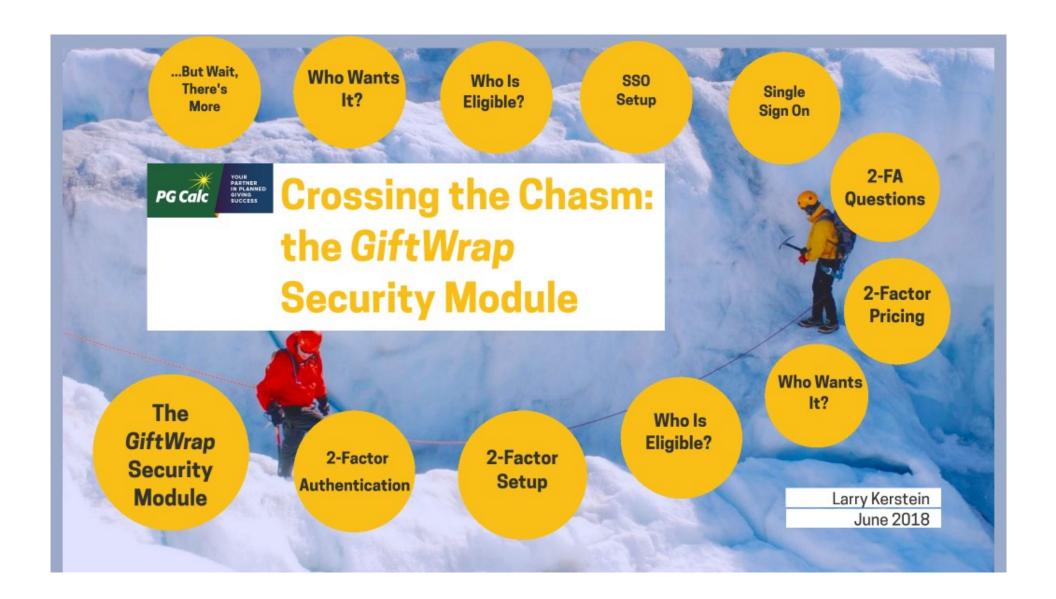














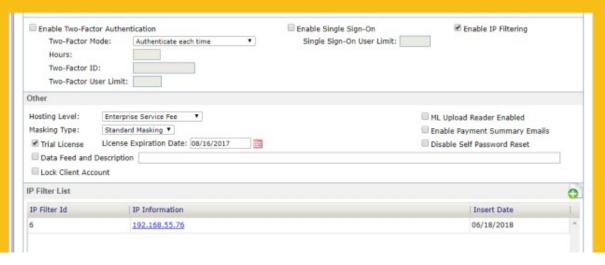
Hosting Options

You know them - Silver, Gold, and Platinum, but in case you need a reminder:

- Silver hosting separate db on shared db server and accessed from shared GiftWrap application
- Gold hosting separate db and db server and accessed from shared GiftWrap application
- Platinum hosting separate db and application on separate, dedicated servers; accessible via Internet or VPN; Double Platinum, Platinum Plated???
 No clue - See Warren;^>

IP Filtering

- Filters by source address upon login
- Also filters with with each subsequent browser request
- Only valid users with GiftWrap credentials coming from IP addresses listed in SysApp are authenticated; all other users blocked



Enhanced Data Masking

- Confidential data, including Social Security numbers, bank account numbers, and dates of birth, can be fully masked on all GiftWrap UI screens
- Social Security numbers and bank account numbers are fully masked on all report previews rendered in the browser.
- Masking functionality is configurable at the Role level, enabling this functionality to be modified as desired by the customer.

IAM Data Feeds

- Identity Access Management (IAM) Data Feeds comprises a custom data feed, in the form of a plain text file, that provides updated user access data from the GiftWrap database for import into enterprise IAM systems at the customer site
- Enables enterprise IAM systems to remain current specifically with respect to GiftWrap user access data, ensuring only authorized access to GiftWrap.
- The IAM Data Feed typically requires specification of data elements to be included in the feed, and is delivered in the form of plain text files (e.g., CSV or XML) via secure FTP

Enhanced Security Module Pricing

	One-Time	Annual
Hosting		
Silver	\$1,250	\$2,500
Gold	\$3,000	\$15,000
Platinum	\$3,750	\$25,000
IP Filtering	\$250	\$500
Data Masking	\$250	\$300
2-Factor Authentication	\$250	\$500 support plus \$6/user/month in license fees in blocks of 5
SSO	\$5,000	\$1,000

