### Multifactor Authentication Options

Register a primary device and a backup. To register, visit [accounts.pitt.edu](http://accounts.pitt.edu) and click Add/Manage Pitt Passport Devices. View more information and step-by-step instructions at [technology.pitt.edu/multifactor](http://technology.pitt.edu/multifactor).

<table>
<thead>
<tr>
<th>Duo Option</th>
<th>Smartphone or Tablet</th>
<th>Phone</th>
</tr>
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<tbody>
<tr>
<td><strong>Duo Option</strong></td>
<td><strong>App Notification</strong></td>
<td><strong>App Passcode</strong></td>
</tr>
<tr>
<td>smartphones or tablets</td>
<td>[Image of smartphone with app notification]</td>
<td>[Image of smartphone with app passcode]</td>
</tr>
</tbody>
</table>

#### Description
- A login request is sent to your device. Tap **Approve** to log in.
- Generate a passcode with the Duo app.
- Get 10 single-use passcodes via text message. Good for 12 hours.
- Receive a call on your phone. Press 1 to log in.

#### Type of Device
- Smartphone or tablet
- Smartphone or tablet
- Phone with text message
- All phones

#### Data Usage
- Each notification is only 2KB of data
- No connectivity needed
- A single text message
- A single phone call

#### Requires Connection?
- Yes: cellular data or wireless
- No
- Yes: cellular
- Yes: cellular or landline

- **In a location without wireless access or cell phone service?**
  If you have a smartphone, you can generate a passcode by opening the Duo app and tapping the key icon. Cell phone service is required if you have a non-smartphone and want to use the text message or phone call option. You can also request a hardware token (see below).

- **Don’t have a smartphone or cell phone that you want to register?**
  You can request a hardware token (a physical device that generates a passcode when you press a button). Contact the Technology Help Desk at 412-624-HELP [4357] to request a hardware token.

- **Did you receive a push notification or phone call when you did not try to log in to a service?**
  Deny the request and report it to the Technology Help Desk at 412-624-HELP [4357].

- **Need emergency access?**
  Call the Technology Help Desk at 412-624-HELP [4357] for an emergency bypass code.