



## INFORMATION and INFRASTRUCTURE ASSURANCE

<http://safecomputing.umich.edu>

### Secure Your iPhone

iPhones are wonderful devices. Make yours even more wonderful by following these simple security recommendations that will protect you and your data.

The very few minutes you spend now can help save you from significant problems in the future.

These Security Shorts are intended for non-technical users. The information provided here does not require special knowledge, and the iPhone screen shots make the short steps easy to follow.

#### Step 1: Create a Passcode

You'd hate to lose your iPhone. But losing it when it's not passcode-protected puts you at great risk. Whoever gets your iPhone has access to all your stored data, can send e-mail in your name, and can use your phone.

A passcode is **only 4 digits**. It's very much worth the tiny inconvenience to protect your phone and data.

**MAKING EMERGENCY CALLS:** You can still call 9-1-1 even when your phone is locked. In the Enter Passcode screen, tap **Emergency Call** in the bottom left corner

1. In the Home screen, tap **Settings**.



#### WHAT'S IN THIS DOCUMENT

*Secure Your iPhone...1*

*Step 1: Create a Passcode...1*

*Step 2: Keep Your iPhone Up-to-Date...5*

*Step 3: Regularly Update Safari's Anti-Phishing Database...5*

*Step 4: Turn Off Bluetooth When Not Needed...6*

*Step 5: Identify Your iPhone...6*

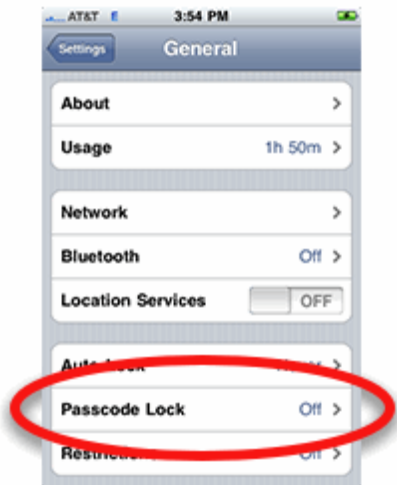
*Step 6: Don't Jailbreak...7*

*Additional Resources...7*

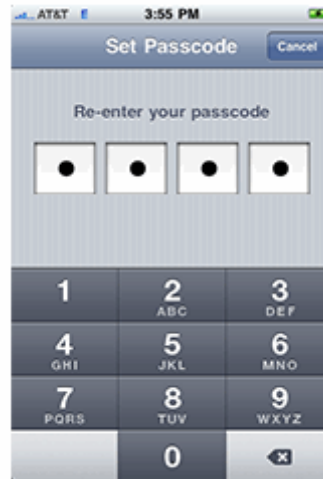
2. In Settings, tap **General**.



3. Under General, tap **Passcode Lock**.



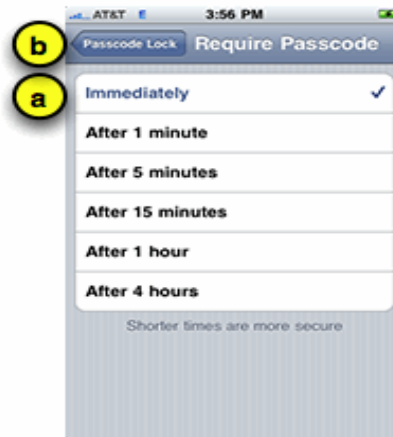
4. In the Set Passcode screen, enter 4 numbers. As soon as you enter the 4<sup>th</sup> number, you'll be asked to reenter it for confirmation.



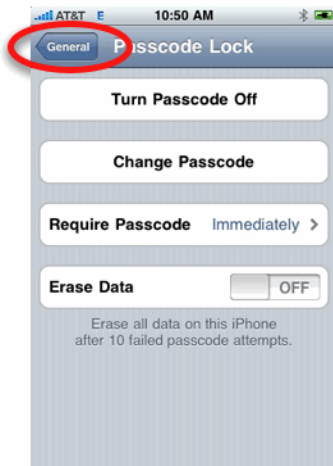
5. In the Passcode Lock screen, tap **Require Passcode**.

6. In the Require Passcode screen:

- a. Select a time frame after which you want your iPhone to begin requiring a passcode. We recommend **After 5 minutes**.
- b. Tap **Passcode Lock**.

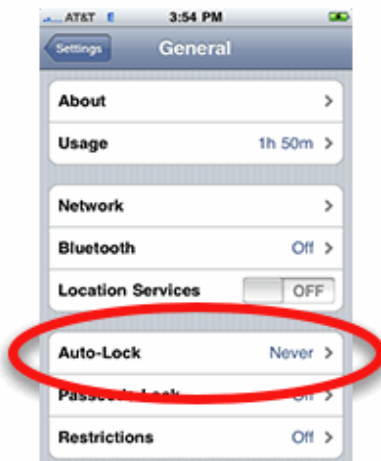


7. In the Passcode Lock screen, tap **General**.

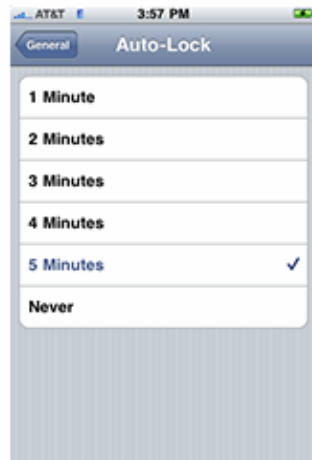


**iPhone 3GS:** The 3GS has a **Voice Dial** feature that does not get locked automatically. We recommend you **turn Voice Dial off** so that it is only available when your iPhone is unlocked.

8. In the General screen, tap **Auto-Lock**.



9. In the Auto-Lock screen, select the time frame in which you would like your iPhone to auto-lock if there has been *no activity*. 5 minutes is the maximum amount of time.



10. You can return to the Home screen and use your device as you normally would. Whenever your iPhone auto-locks, tapping the Home button generates this screen. Sliding the arrow to the right provides a passcode entry screen.



## Step 2: Keep Your iPhone Up-to-Date

Apple periodically updates your iPhone's operating system. When you connect your iPhone to your computer, iTunes will automatically check to see if your software is up-to-date. If not, it will ask you if you want to update it.

We **strongly recommend** that you update immediately. Besides possible enhancements, most likely Apple has added some security enhancements.

In iTunes, when your iPhone is selected under Devices, you can also click the **Check for Update** button.



## Step 3: Regularly Update Safari's Anti-Phishing Database

Another reason to keep your iPhone up-to-date is that—beginning with OS 3.1—Safari provides anti-phishing capabilities. However, to be most effective, you need to regularly update Safari's database.

It's simple, but you need to take a few extra steps.

1. Connect your iPhone to a Wi-Fi network.
2. Have Safari running.
3. Begin charging your iPhone.
4. After the screen has turned off, your iPhone automatically connects to Safari's anti-phishing database and download the latest version.

## Step 4: Turn Off Bluetooth When Not Needed

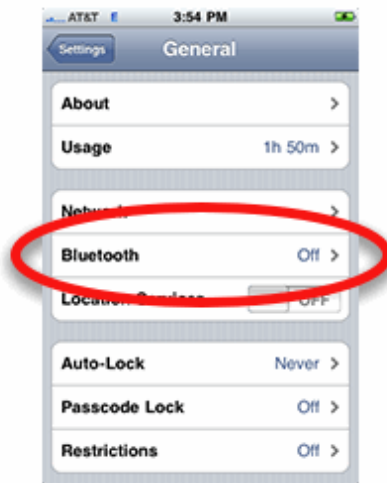
Bluetooth provides wireless connections between your iPhone and Bluetooth devices such as headsets and car kits.

But leaving it active when you're not using a Bluetooth device leaves you vulnerable. Bluetooth services—some of which may not have your best interests in mind—can discover and connect to your iPhone.

Turning Bluetooth on and off is quick and easy.

**HINT:** The images in *Step 1: Create a Passcode* graphically show steps 1-2.

1. Tap **Settings**.
2. Tap **General**.
3. Tap **Bluetooth**.



4. Turn Bluetooth off or on.

## Step 5: Identify Your iPhone

What if you lose your iPhone? You were smart and protected your device with a passcode. So how does someone let you know they've found it?

Simple. Create a new wallpaper (background image) for your iPhone so that it provides your name and contact information—e-mail address, an alternate telephone number, or both. Even with your iPhone locked, that information will be available.

**BUILT-IN SECURITY FEATURES:** We highly recommend that you read the *Security Features* section of Chapter 2 in your User Guide.

- Use the free app **Close Call** available in the iTunes App Store.
- Create in a word processing or other program a page that includes your contact information typed over a picture or graphic you've added to the page. Make sure your contact information is easy to read. Using your iPhone, take a picture of it then:
  1. Tap **Settings**.
  2. On the Settings page, tap **Wallpaper**.
  3. Using the example in step 1, tap **Camera Roll** to find your picture.

4. Tap the image you want to display. You can move it around on the screen with your finger, and using two fingers, you can enlarge it or make it smaller.
5. When you are satisfied, tap **Set**.

## Step 6: Don't Jailbreak

Jailbreaking allows your iPhone to run unofficial code. Some see this as an advantage because they can bypass Apple's iPhone app distribution mechanism.

Several problems:

- You open the possibility of downloading malware—software unscrupulously designed to damage or use your device in ways that you do not intend.
- You void your iPhone's warranty.
- Downloading pirated software is illegal.
- You circumvent Apple's application and author verification process.

For these reasons, we **strongly recommend** that you do not jailbreak your iPhone.

## More Resources

- Your iPhone manual has a Security Features section. Find it under *Chapter 2: Basics*. Not sure where your manual is? Find it on Apple's support website.  
[manuals.info.apple.com/en\\_US/iPhone\\_User\\_Guide.pdf](https://manuals.info.apple.com/en_US/iPhone_User_Guide.pdf)
- The Center for Internet Security (CIS) offers an easy to understand *Security Configuration Benchmark for Apple iPhone*.  
[www.cisecurity.org/tools2/iphone/CIS\\_iPhone\\_3.1.2\\_Benchmark\\_v1.1.0.pdf](https://www.cisecurity.org/tools2/iphone/CIS_iPhone_3.1.2_Benchmark_v1.1.0.pdf)
- Apple's *iPhone in Business: Security Overview* provides more information specific to using your iPhone in an enterprise environment such as Exchange services at U-M.  
[http://images.apple.com/iphone/business/docs/iPhone\\_Security\\_Overview.pdf](http://images.apple.com/iphone/business/docs/iPhone_Security_Overview.pdf)