



## **GSM/GPRS Cellular Provider Activation Information**

### **Introduction**

GSM (Global System for Mobile Communications) is a global cellular network developed by the European Telecommunications Standards Institute. PixController Raptor Technology customers have the option to purchase cellular data plans with other GSM providers with the unlocked GSM/GPRS quad band cellular radio option. This option requires customers to purchase a SIM card from a GSM cellular provider and activate a cellular data plan. Other carriers with built-in support include SunCom, Rogers, T-Mobile, Petrocom, as well as a custom selection. Connectivity options vary amongst these providers, so please check with your provider for details.

## **World SIM - GSM Global Cellular Networks**

World GSM SIM is a prepaid SIM card mobile service that allows you to use your Raptor Wireless Camera why where in the world. Typically a World SIM card will charge more for data charges than a SIM card locked to a single cellular provider, but the World SIM gives you the freedom to place your Raptor Wireless Camera anywhere in the world there is cellular service. We recommend a World SIM for Raptor Cellular customers outside of the USA.

Mobal World SIM card is a provider we recommend. See: <http://www.mobal.com/>  
Mobal SIM cards work on the AT&T (850/1900 MHz) and T-Mobile (850/1900 MHz) in the USA. The SIM card cost is \$19 and the data charge is \$0.14 per 10K, which cost about \$0.50 to \$0.75 per photo.

When you use the Mobal World SIM there is no contract and the SIM card never expires. The Mobal SIM card will work in over 190 countries.

## **Mobal World SIM Server Settings**

Will need to setup the APN and SMTP server information in the PC Setup software before using the Mobal World SIM card. **See section 6 for more information.**

Use the following settings:

APN Server: **mobile.o2.co.uk**  
APN Username: **mobileweb**  
APN Password: **password**

SMTP Server: **smtp.o2.co.uk**  
(No SMTP Username/Password needed)

**Note:** To save money on data transfer costs we suggest using a FTP server to send Raptor photos since the data size is 1/3 less than sending photos using SMPT due to Base64 encoding.

## **Rogers GSM Cellular Network (Canada)**

User the following setting for the Rogers Cellular network in Canada:

APN Server: **internet.com**  
SMTP: **smtp.rogerswirelessdata.com**

Username and password not needed but if necessary it is: wapuser1 and wap

Using Pay as you Go, there are two plans but the cheapest is the "Socialite Voice and Data 45" which is \$45 per month and gives 500 Mb of data with additional data costing five cents per Kb.

## AT&T Pre-Paid or Pay-Go Cellular SIM Card Activation

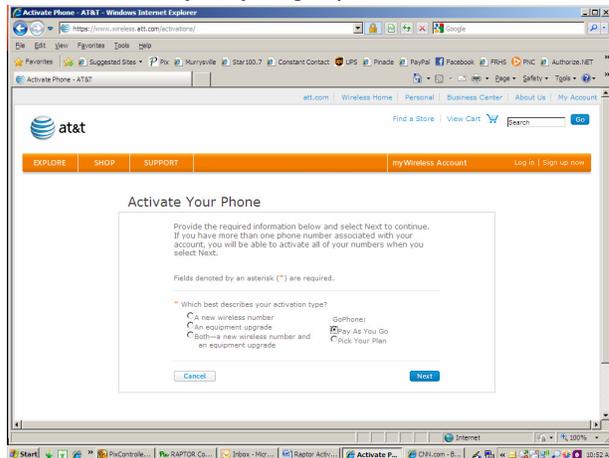
**IMPORTANT:** Before you begin have a credit card, your Raptor system, and your SIM card handy. Pre-Paid AT&T (Pay-Go) SIM cards can be purchased from your local AT&T store or retailers such as Wal-Mart.

**NOTE:** Be sure to have the APN Server setting set to [WAP.CINGULAR](http://WAP.CINGULAR) and the SMTP Setting set to [CWMX.COM](http://CWMX.COM) using the PC Setup software to configure the AT&T server information. Consult your Raptor manual for more information.

**NOTE:** **PixController Inc. will not provide technical support for customers choosing this option. If you would like to use the AT&T cellular network for your Raptor system contact PixController, Inc. for our AT&T wireless data managed services.**

First you will need to activate your At&t account. Log into: [www.ATT.com/activations](http://www.ATT.com/activations).

- Choose the “Pay as you go” plan.

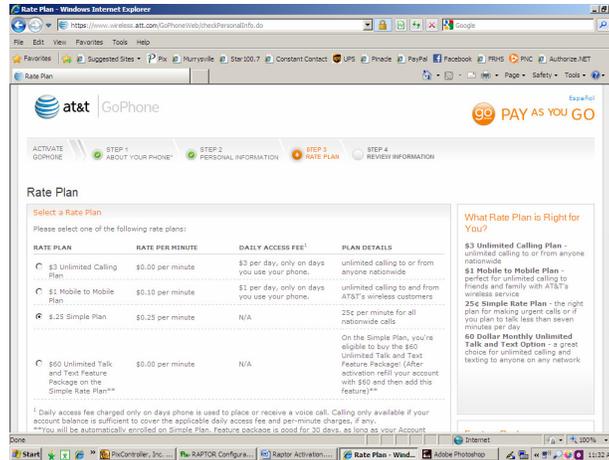


- Enter your SIM card number

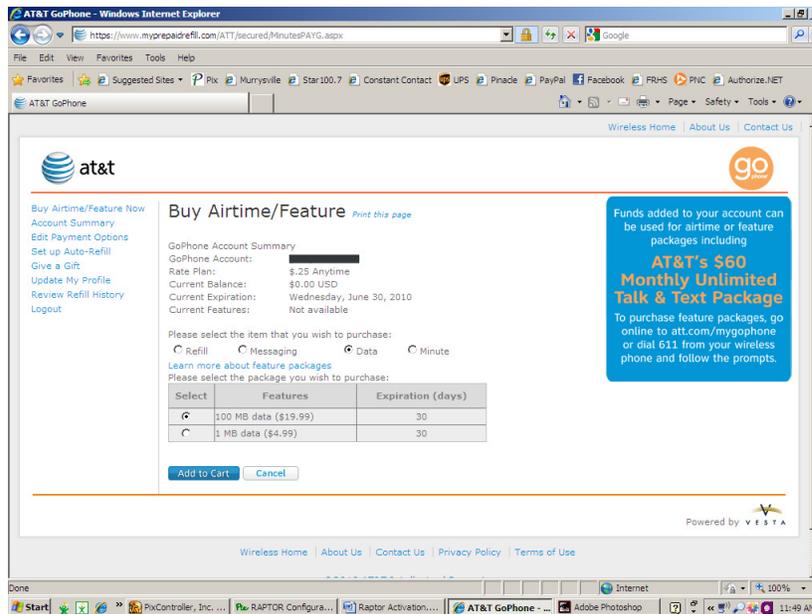


- Enter your service zip code.
- To determine your IMEI number:
  - Turn your Raptor power switch ON (with no SIM card in place)
  - Immediately hit the center orange button in your system to take it into diagnostic mode. *Note: Screen should say “Diagnostic Mode” at this point. If not, power system off and on again and restart process.* Wait a moment while system runs through its SELF TEST mode.

- When message comes up saying: SIM not detected, press the center orange button again to bypass that screen.
- Scroll (right/left buttons) to: MODEM
- Scroll (up/down buttons) to: IMEI
- Enter this number online and power down your Raptor system.
- On the next screen, enter all of your personal contact information.
- Once that is complete, you will come to the RATE PLAN screen. Here you will choose the \$.25 Simple Plan. *Note: Since you will not be using your system for TALK, this plan allows you to pay nothing per month for that service. You will select a DATA plan in a later step.*



- On the Next Screen you will review your information and hit SUBMIT.
- Your Account will be activated. Once you get to the YOUR ACTIVATION IS SUCCESSFUL Page, but sure to print it or write down your New Wireless Number and Passcode. *You will need this to log into your account.*
- Scroll down on the page and select YES to add money to your plan.
- On the ADD MONEY screen, choose “One Time Payment Using Credit Card.”
- On the next screen, select: Buy Airtime/Feature Now.
- On the BUY AIRTIME/FEATURE page, choose: DATA, then choose: 100mb data.



- On the next screen, you will need to log into your account using the New Wireless Number and Passcode you received earlier.
- The next screen requires you to log in again.
- Once you log in again, you will be taken to a screen that asks you for your new passcode. This is a new code that will be sent to your Raptor System to verify that you are indeed the owner of the “phone” that you registered.
  - To get this new passcode, you will need to insert your SIM card into the slot on your Raptor system.
  - Power up you Raptor like before, pressing the center orange button immediately to take it into Diagnostic Mode. Again, wait through self test.
  - Scroll (left/right buttons) to MODEM.
    - Scroll (up/down buttons) to SMS (This is where you are able to read your incoming text messages)
    - Select the center button to read.
    - Scroll (left/right button) through messages.
    - Select the (down button) to read the entire message.
    - One of the messages will include your new passcode.
- Enter your new passcode online. Once you enter this, immediately you will be asked to update the passcode to one of your choosing. Be sure to write this number down. This will be your *final passcode!*
- Complete the rest of your AT&T account set up.
- Next, you will want to test your Raptor System. *Note: You will need to wait approximately ½ hr after AT&T setup before your account becomes fully active. You may not be able to complete the following steps before that time.*
  - Install the RAPTOR CONFIGURATION SOFTWARE that is located on the included CD onto your computer.

- Remove the Jump-drive from your Raptor system and insert it into your computer. Select the EMAIL tab. Insert test email address/es. Hit SAVE and OK. Remove drive.
- Insert Jump-drive back into your Raptor system.
- Power Raptor up as before, hitting center button immediately and waiting through self-test.
- Next, you will want the system to take a test photo and email it to the addresses you chose. To do this, you will need to:
  - Scroll (left/right button) to MANUAL PHOTO ACQ.
  - Select (center button) to take a photo.
  - Scroll (right button) to MANUAL EMAIL + ATT.
  - Select (center button) to send. *Note: If you get an ERROR, you may not have waited enough time for your AT&T account to activate. Turn system off and try again later.*
- Once it says sending was successful, check your email and see that the photo arrived.
- Your system is now tested and ready to begin using.

## **Refilling AT&T Wireless Pre-Paid SIM Accounts**

When your account data plan has expired you will need to refill the data option.  
 Log into your AT&T Pre-Paid account at: <http://www.paygonline/websc/index.jsp>

**at&t** Pay As You Go Online

[Personal Profile](#)  
[Change Password](#)  
[Account Summary](#)  
[Account History](#)  
[Buy Feature Packages](#)  
[Automatic Feature Package Renewal](#)  
[Store Locator](#)  
[Ringtones and More](#)  
[Support](#)  
[FAQ](#)  
[Rate Plan Options](#)  
[Help](#)  
[Terms of Use](#)  
[Logout](#)

**Account Summary**  
 Wireless Phone Number 724-708-0017

<b>Name</b>	WILLIAM POWERS
<b>E-mail Address</b>	bpowers@pixcontroller.com
<b>Address</b>	1056 CORPORATE LN EXPORT, PA 15632 US
<b>Main Account Balance</b>	\$7.01
<b>Account Status</b>	Active
<b>Account Balance Expiration Date</b>	06/05/2011
<b>Cancel Date</b>	08/04/2011

**Account Refill** [Print this page](#)

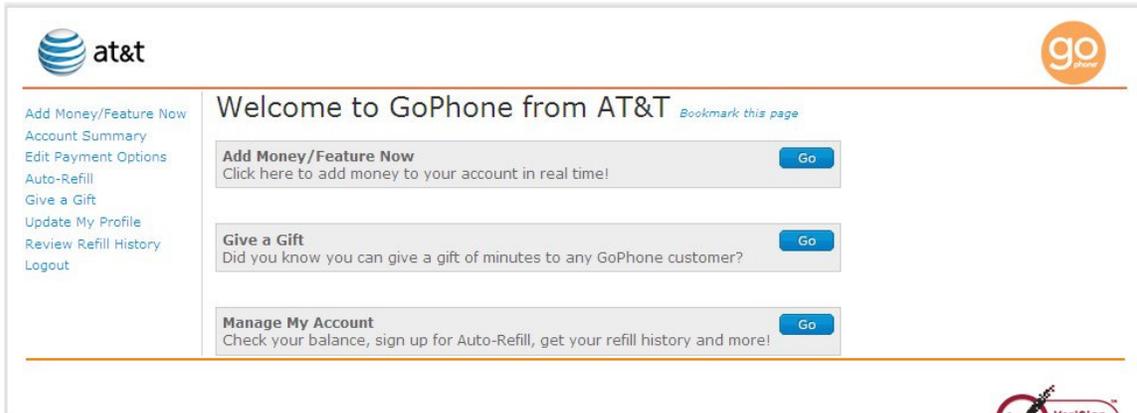
There are two ways to refill your Pay As You Go Online account:

- Use a prepaid card/PIN.
- Use a credit card, debit card, or electronic check.

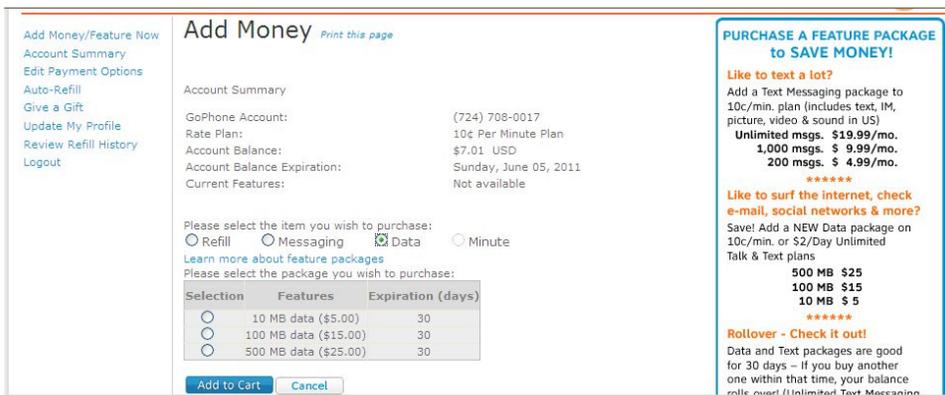
Please enter the prepaid card number you wish to use:

[▶ Refill using credit card, debit card, or electronic check.](#)

Select the **"Refill using credit card, debit card, or electronic check"** option



From the next screen select the “Add Money/Feature Now” button



Select the “Data” option under “Please select the item you wish to purchase” heading in the middle of the screen. There are several data plans you can select:

Choose your option and press the “Add to Cart” button



Next, check Out using your payment option. Note, you can setup your AT&T Pre-Paid account to automatically refill your account on a monthly basis.