

# Application Note

## Activating your ACM5000-G for Sprint using the PWS Wireless Data Device Activation System

### Introduction

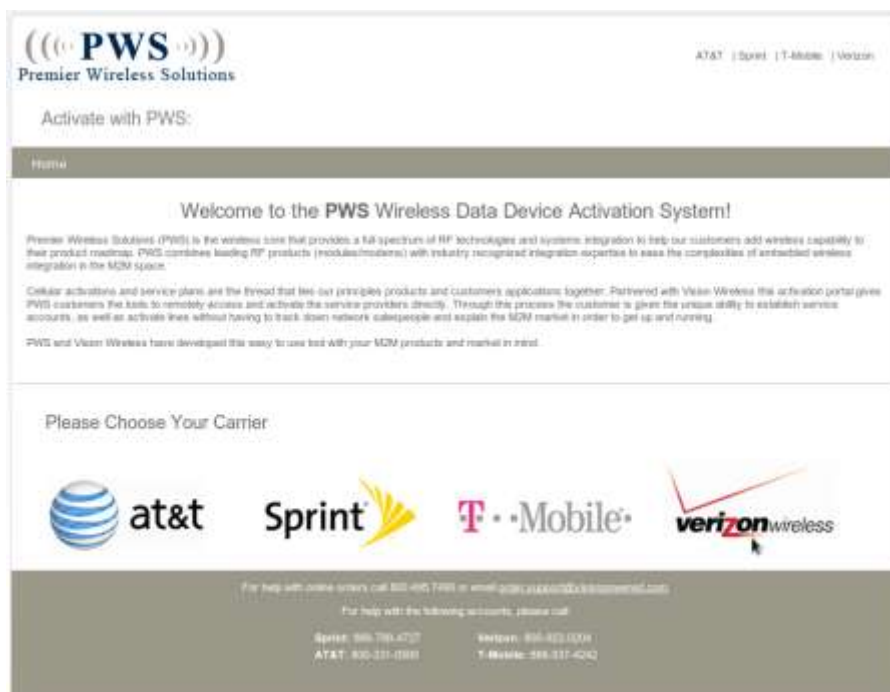
This guide walks users based in the USA through setting up the appropriate **ACM5000-GS** device for **Sprint** online using the **Wireless Data Device Activation System** provided by **PWS (Premier Wireless Solutions)**.

### Reasoning

The **ACM5000-GS** can provide a publicly reachable IP address for **Always on Out-of-Band** access via **Sprint's** 3G Network. If you already have a corporate account with **Sprint** or if you would like them as your Carrier, the **Wireless Data Device Activation System** is a convenient method for creating an account or adding a new line for use with an existing account.

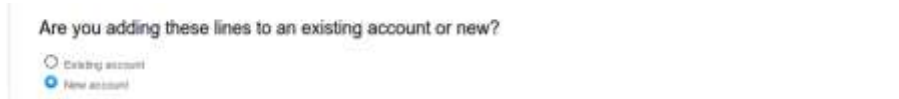
### Creating a new Sprint Corporate Account online

1. Select **Sprint** as your carrier, navigate your web browser to <http://pws.visionpowered.com/carriers.html> and click on **Sprint**.



This will start the ordering process where you will be prompted for your line preferences.

- Specify if you need a new account or want to add a line to an existing account.



Are you adding these lines to an existing account or new?

Existing account

New account

Note that if you are adding a line to an existing account you will need to be authorized by **Sprint** to do so and will be required to enter the existing account details before the order is finished.

- Select a Corporate Account.



Is this a corporate or individual account?

Corporate account

Individual account

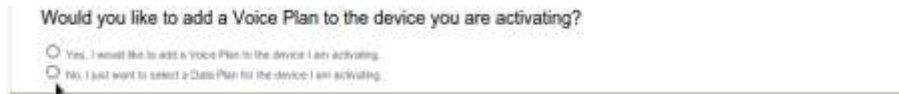
- Specify the number of Opendgear devices / lines needed.



Enter count of devices:   or Upload Spreadsheet:   [Download Example](#)

- Adding a voice plan.

If you are planning on using the ACM5000-GS for IP access only then the voice plan will not be required. Be sure to read details of individual plans before you commit as subtle feature such SMS and Email attachments may not be included in your usage.



Would you like to add a Voice Plan to the device you are activating?

Yes, I would like to add a Voice Plan to the device I am activating.

No, I just want to select a Data Plan for the device I am activating.

- Specify the plan details and checkout.

You can now select one of the plans offered by **Sprint** available from **PWS**. Your plan should allow for the expected data usage per month, for example if you plan on running an outbound VPN client from the Opendgear device for **Always Up Out-of-Band** access this will consume more of data than sending occasional Email or SMS alerts.

An ESN (Electronic Serial Number) corresponding to the Opendgear device will need to be provided. This can be located on the Serial Label underneath the device, or via the web **Management Console** → **Status** → **Statistics** → **Cellular** under **Hardware Information**.

## 7. Activating with PWS.

Premier Wireless Solutions (PWS) is the wireless core that provides a full spectrum of RF technologies and systems integration to help our customers add wireless capability to their product roadmap. PWS combines leading RF products (modules/modems) with industry recognized integration expertise to ease the complexities of embedded wireless integration in the M2M space.

Cellular activations and service plans are the thread that tie our principle products and customers applications together. Partnered with Vision Wireless this activation portal gives PWS customers the tools to remotely access and activate the service providers directly. Through this process the customer is given the unique ability to establish service accounts, as well as activate lines without having to track down network salespeople and explain the M2M market in order to get up and running.

PWS and Vision Wireless have developed this easy to use tool with your M2M products and market in mind.

### New Corporate Account Set Up

Please enter the following information to set up an additional line on your account.

**Contact Information**

Company Name:  Billing Contact First Name:

Billing Contact Last Name:  Tax ID (TIN/EIN):

Business Number:  Alternate Phone:

Billing Contact Email:

**Billing Information**

Billing Address 1:  Billing Address 2:

Billing City:  Billing State:

Billing Zip:

[help](#) [Complete with checkout](#)

After entering the appropriate billing details checking out you will be notified via email of the status of the order. Please allow 1-2 business days for the activation of your new line.

## 8. Enabling and using the Internal 3G modem as an **Always on Out-of-Band** connection.

- Navigate to the Opengear web-based **Management Console** → **System** → **Dial** → **Internal Cellular Modem Tab**.

**Internal Cellular Modem**

**Dial-Out Settings - Always On Out-of-Band**

Enable

(Enable the cellular modem connection.)

Phone Number:

The sequence to dial to establish the connection, defaults to #777.

Custom Modem Initialization:

An optional AT command sequence to initialize the modem.

- Select **Enable** and either leave **Phone Number** blank or set it to **#777** then click **Apply** to enable your **Always On Out-of-Band** connection. The **Internal Cellular Modem** will now attempt to connect to **Sprint's** 3G network.
- To view the current status of your Internal Cellular Modem at any time navigate to the **Management Console** → **Status** → **Statistics** → **Cellular** page.
- For advanced detail and logging you can examine **Management Console** → **Status** → **Syslog**.