How Do I Connect To the GCcommunity Wireless Network Using Windows 7?

This FAQ contains:

- Instruction on how to manually get on to the GC’s wireless network

1. From the Network and Sharing Center, choose Setup a Connection or Network.

2. Choose Manually connect to a wireless network.

Enter the following values:

- In the Network name field, type GCcommunity.
- From the Security type list, select WPA2-Enterprise (Fig. 1).
- From the Encryption type list, select AES.

3. Click Next.

![Fig.1. WPA2-Enterprise on Security type list](image1)

4. Click Change connection settings (Fig. 2)

![Fig.2. Change connection settings option](image2)
5. In the **GCcommunity Wireless Network Properties** dialogue, choose the **Connection** tab.

6. Verify that the **Connect automatically** checkbox is checked *(Optional)*.

![Fig.3. the GCcommunity Wireless Network Properties](image)

7. Select the **Security** tab *(Fig. 4)*.

8. Enter the following values:
   - From the Security type list, select **WPA2-Enterprise**.
   - From the Encryption type list, select **AES**.
   - From the **Choose a network authentication method** list, select **Microsoft: Protected EAP (PEAP)**.
   - *(Optional)* Check **Remember my credentials for this connection each time I'm logged on** *(Fig.4)*.

   **Note**: Remove checked item for Connection even if the network is not broadcasting.

![Fig.4. Security tab, Protected EAP Settings button](image)
9. Click on the **Settings** button and clear the **Validate server certificate** checkbox (Fig. 5).

10. From the **Select the Authentication Method** list, select **Secured Password (EAP-MSCHAP v2)** (Fig. 5).

11. Click on the **Configure** button and clear the checkbox and click **OK** (Fig. 5).

---

**Fig.5. Protected EAP Properties settings**

13. Click **Ok** again to return to the **GCcommunity Wireless Network Properties**. (Fig. 6)

---

**Fig.6. Protected EAP Properties settings**
14. Click on **Advanced Settings**.

![Advanced Settings](image)

15. On the **802.1X settings** tab, check the **Specify authentication mode** checkbox.

16. Select **User authentication** from the drop-down list.

![User Authentication](image)
17. The user will be prompted for credentials when connecting to the WLAN.

Last Updated August 11, 2015