#### PURPOSE

This document is intended to guide users how to configure personal devices like laptops, smartphones, iOS devices and other devices to connect / join the **"RETSD"** wireless network. This guide was based from:

- Android system
- Apple iOS
- Windows 7 or later
- Chromebook

Please note that "**RETSD**" Wi-Fi network <u>requires users to have a valid divisional credentials</u> (username and password) to connect successfully.

#### ANDROID Mobile Devices\_\_\_\_\_

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- 1. Go to "Settings" and "Wi-Fi".
- 2. On the list of available Wi-Fi Network, select "RETSD" and provide the following information to connect:
  - EAP method: **PEAP**
  - Phase 2 authentication: MSCHAPv2
  - Identity / Anonymous identity: Username (RETSD credentials)

| Password: Password (F  | RETSD credentials) | RETSD<br>Connected                |
|------------------------|--------------------|-----------------------------------|
|                        |                    | ation                             |
| RETSD                  | RETSD              |                                   |
|                        | Identity           | RETSD-Guest                       |
| EAP method             | jdoe 🖕             | RETSD-Curriculum                  |
| PEAP 💌 🛑               | Anonymous identity | ·····                             |
| Phase 2 authentication | Jude               |                                   |
| MSCHAPV2               | Password           |                                   |
| CA certificate         |                    |                                   |
| (unspecified) 🔻        | Show password      |                                   |
| CANCEL CONNECT         | CANCEL CONNECT     | Connected to Wi-Fi network RETSD. |

3. Select "Connect" and you should now be connected to the network.

## iOS (Apple Devices)

- 1. Open "Settings" and "Wi-Fi" then choose "RETSD" network.
  - 12:10 PM iPad 😨 \$ 100% 🔳 Settings Wi-Fi Airplane Mode Wi-Fi SWI-FI RETSD-Administration RETSD-Administration a 🕈 🚺 Bluetooth On CHOOSE A NETWORK. RETSD Notifications RETSD-Gunna-RETSD-Gunna-RETSD-Guest a 🗟 🚺 RETSD-Curriculum a 🕈 🚺 KE . ... Other... ₹ () C Do Not Disturb Ask to Join Networks General  $\bigcirc$ Display & Brightness Known networks will be joined automatically. If no known networks are available, you will have to manually select a
- 2. Enter your credentials in the "username" and "password" field and select "Join".

|          | Enter the password for "RETSD" |      |
|----------|--------------------------------|------|
| Cancel   | Enter Password                 | Join |
|          |                                |      |
| Username | jdoe                           |      |
| Password | •••••• 🔶                       |      |

3. Accept the certificate by selecting "Trust" and you should now be connected to the Network.

| Pad     |  | 12:11 PM    | × 100% 🗩 |
|---------|--|-------------|----------|
| Cancel  |  | Certificate | Trust    |
|         |  |             |          |
|         | ise-2.retsd.net<br>Issued by ise-2.retsd.net |             |          |
|         | Not Trusted                                  |             |          |
| Expires | 2018-09-12, 3:10:02 PM                       |             |          |
| More D  | Details                                      |             | >        |
|         |  |             |          |

#### WINDOWS Configuration\_

 Open "Network and Sharing Center" in Windows Operating System and select "Set up a new connection or network".



2. In "Choose a connection Option", window select "Manually connect to a wireless Network" then "Next".



- 3. Enter the following in selected fields and choose "Next" to add the "RETSD" network.
  - Network Name: RETSD
  - Security type: WPA2-Enterprise

| Network name:    | RETSD           |   |                         |
|------------------|-----------------|---|-------------------------|
| Security type:   | WPA2-Enterprise | ~ |                         |
| Encryption type: | AES             | ~ |                         |
| Segurity Key:    |                 |   | <u>H</u> ide characters |

4. At "Successfully added RETSD" screen, go to "Change connection settings".



5. In "RETSD Wireless Network Properties" screen, select "Security" tab and, at "Choose a network authentication method", select "Settings"

| onnection Security | )                     |   |
|--------------------|-----------------------|---|
| Security type:     | WPA2-Enterprise       | ~ |
| Encryption type:   | AES                   | ~ |
|                    | uthentication method: |   |
| Choose a network a |                       |   |

6. Uncheck the box for "Verify the server's identity by validating the certificate".



7. On the same window, select "Configure" in "Select Authentication Method".

| Select Authentication Method:    |     |           |
|----------------------------------|-----|-----------|
| Secured password (EAP-MSCHAP v2) | ~ ( | Configure |
| Enable East Reconnect            |     | $\sim$    |

8. **Uncheck** the "Automatically use my Windows logon name..." then select **"OK"**. And **"OK"** again in the *"Protected EAP Properties"* screen.

| EAP MSC | HAPv2 Propertie                          | 5                            |        |
|---------|--|------------------------------|--------|
| When co | nnecting:                                |                              |        |
|         | omatically use my V<br>sword (and domain | Vindows logon na<br>if any). | me and |
|         |  |                              |        |
|         | OK                                       | Cancel                       |        |

9. In "RETSD Wireless Network Properties" screen, select "Advanced Settings" RETSD Wireless Network Properties

| Connection Security                                |  |
|--|--|
| Security type:                                     | WPA2-Enterprise                        |
| Encryption type:                                   | AES                                    |
| Ch <u>o</u> ose a network a<br>Microsoft: Protecte | uthentication method:<br>d EAP (PEAP)  |
| Remember my cr<br>time I'm logged o                | edentials for this connection eac<br>n |
|  |  |
|  |  |

 Under "Advanced settings" screen, at "802.1x settings" tab, "check" the "Specify authentication mode" checkbox. And select "OK" to accept the settings.
Advanced settings

| theritication mode:           |                          |
|-------------------------------|--------------------------|
| in chacadon mouc.             |                          |
|                               |                          |
| omputer authentication $\vee$ | Save gredentials         |
|                               | omputer authentication ~ |

11. At the *"RETSD Wireless Network Properties"* screen, select **"OK"** to save and exit the configuration. Close all other windows to exit. You are now ready to join the network.

### Joining the RETSD Wireless Network

 On the list of available Wi-fi network, choose "RETSD" and select "Connect" button. It will prompt you for your credentials to connect successfully.

| (k. | RETSD<br>Secured      |
|-----|-----------------------|
|     | Connect automatically |
|     | Connect               |

# Chromebook Wireless Setup\_\_\_\_\_

- 1. Go to the "Wireless Settings" then "Settings" and "+ Add Connection".
- 2. Click on "Advanced"
- 3. Type in the SSID (**RETSD**)
- 4. EAP Method: PEAP
- 5. Phase 2 Authentication: MSCHAPv2
- 6. Server Certificate: None / Do not check
- 7. User Certificate: None / None Installed
- 8. Identity: Username
- 9. Password: Password
- 10. Anonymous identity: Same as Username
- 11. Check box that says "Save identity and password"
- 12. Click Connect

| Join Wi-Fi network      |                                     |
|-------------------------|-------------------------------------|
| SSID:                   | RETSD                               |
| EAP method:             | PEAP                                |
| Phase 2 authentication: | MSCHAPv2                            |
| Server CA certificate:  | Do not check                        |
| Subject Match:          |                                     |
| User certificate:       | None installed                      |
| Identity:               | jdoe                                |
| Password:               |                                     |
| Anonymous identity:     | jdoe                                |
|                         | Save identity and password          |
|                         | Share this network with other users |