Using Gmail with Control Solutions Devices

As per notice from Google's Less Secure App Deprecation Notice, on May 30, 2022 the ability access Google accounts through 'less secure apps' is being deprecated. The preferred method is OAuth 2.0; however, this requires 2-factor authentication which your remote device is not going to handle well.

The alternative is to go to your Google account and create an apps password, and once this is created, just use the apps password instead of the actual password for your gmail account.

Log into the Gmail account that you created for your device to use. Click the icon in the upper right corner, and then select Manage your Google Account.



Under account management, select Security.



Turn on 2-Step Verification if not already on. You will be asked for a verification code sent to your sell phone during this process. After verifying that 2-Step Verification is "On", click on the App passwords selection.

| Google Account Q Search Google Account | | | 0 III J |
|--|----------------------|---------------------------|---------|
| Home Personal info | Signing in to Google | | |
| Data & privacy | | | * * |
| Security | Password | Last changed Sep 15, 2010 | > |
| People & sharing | 2-Step Verification | | > |
| (i) About | App passwords | 1 password | → > |

The screen shot below illustrates that an app password named MQ-61 has already been added. To add a password, under "Select app", choose Other, and enter a name for your app (e.g. MQ-61). Then under "Select device", choose Other and provide a custom name. Then click Generate.

| ogle Account | | | | 0 |
|--------------|---|--|--|---|
| | App passwor | ds | | |
| | App passwords let you sign in to Verification. You'll only need to | o your Google Account from a enter it once so you don't nee | apps on devices that don't support 2-Step ed to remember it. Learn more | |
| | Your app passwords | | | |
| | Name | Created | Last used | |
| | MQ-61 | 11:18 AM | 11:21 AM | |
| | Select the app and device y | ou want to generate the app | password for. | |
| | Select app | Select device | | |
| | Calendar | iPad | GENERATE | |
| | Contacts | BlackBerry | | |
| | YouTube | Mac | | |
| - | Other (Custom name) | Windows Phone | | |
| | | Windows Computer | | |
| | | | | |

Upon clicking Generate, a screen like the following will be displayed. Disregard "securesally@gmail.com", that is just an example. Your app password is highlighted in the yellow box.

| Google Account | | | 0 🖩 🚺 |
|----------------|--|---|-------|
| | ← App passwords | | |
| | App passwords let you sign in to your Goo Verification. You'll only need to enter it on | ogle Account from apps on devices that don't support 2-Step ace so you don't need to remember it. Learn more | |
| | Your app passwords | | |
| | Generated app password | Your app password for your device larh obhs plvi knlh How to use it Go to the settings for your Google Account in the application or device you are trying to set up. Replace your password with the 16- character password shown above. Just like your normal password, this app password grants complete access to your Google Account. You won't need to remember it, so don't write it down or share it with anyone. | |
| | | DONE | |

Copy from the yellow box by highlighting the text and then right-click "Copy". You will note that the spaces displayed will be removed. If you copy by typing the password, do not included the embedded spaces - they are just for visual simplicity. Paste into the Password window in the Control Solutions device (e.g. MQ-61). Then click Update Server, and to make the changes persistent, follow that by going to the File Manager page and saving your configuration file.

| Email Server Setup: | | Update Server |
|---------------------|-------------------|---------------|
| SMTP Host: | smtp.gmail.com | |
| SMTP Port: | 465 | |
| User Name/Email: | @gmail.com | |
| Password: | ••••• | |
| "From" Name: | MQ-61A Event Test | |
| | | |

You should now be able to send email using Gmail once again.