

# How to configure Gmail to send alarms from an ASPECT device.

## 1 Introduction

Gmail is a free-of-charge email service provided by Google, at [gmail.com](https://gmail.com). Email accounts on this service can be used to notify users of ASPECT® Alarms.

This document describes how to configure a Gmail account to accept external connections from an “App”, and how to configure ASPECT so that notifiers use such a connection.

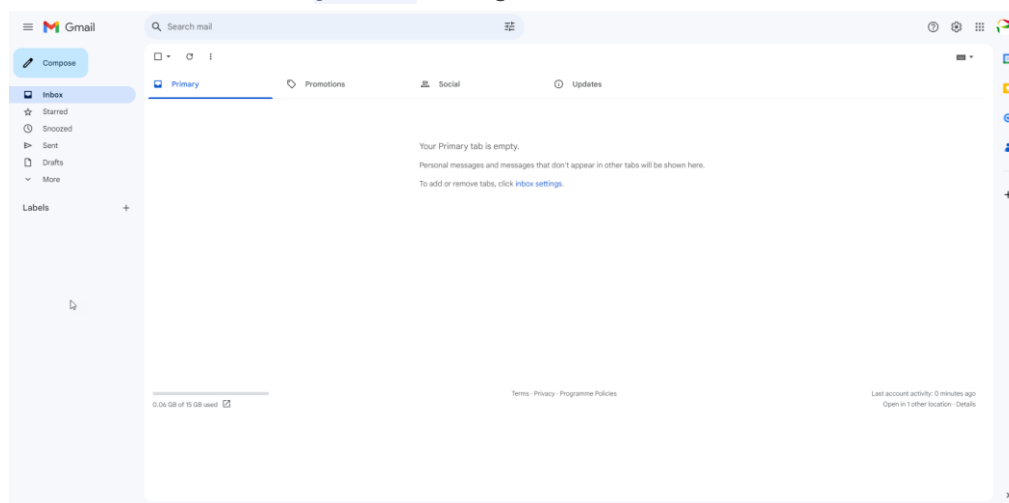
- 1 INTRODUCTION .....1
- 2 STEPS TO CONFIGURE THE GMAIL ACCOUNT .....1
  - Set up a Gmail account (if you have not already done so) .....1
  - Set up ‘app’ access in Gmail for ASPECT ..... 3
- 3 CONFIGURE ASPECT NOTIFIERS TO CONNECT WITH GMAIL ..... 4

## 2 Steps to configure the Gmail account

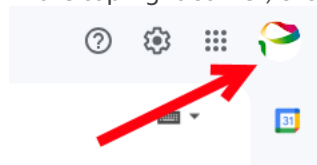
To make sure that ASPECT alarms will be sent properly using a Gmail account, the below steps should be followed:

### SET UP A GMAIL ACCOUNT (IF YOU HAVE NOT ALREADY DONE SO)

1. Create a Gmail account at [gmail.com](https://gmail.com) and log in to it.

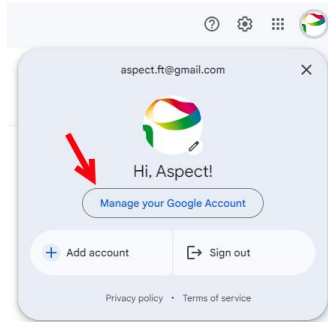


2. In the top right corner, click on the account icon (Profile Picture) to enter **G-mail account properties**



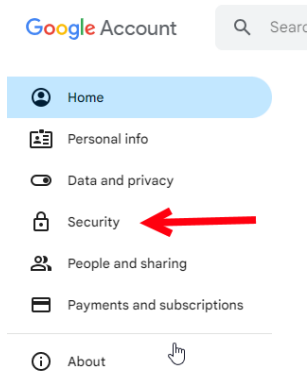
# How to configure Gmail to send alarms from an ASPECT device. | Steps to configure the Gmail account

3. Click on **Manage your Google Account** to get access to more properties.

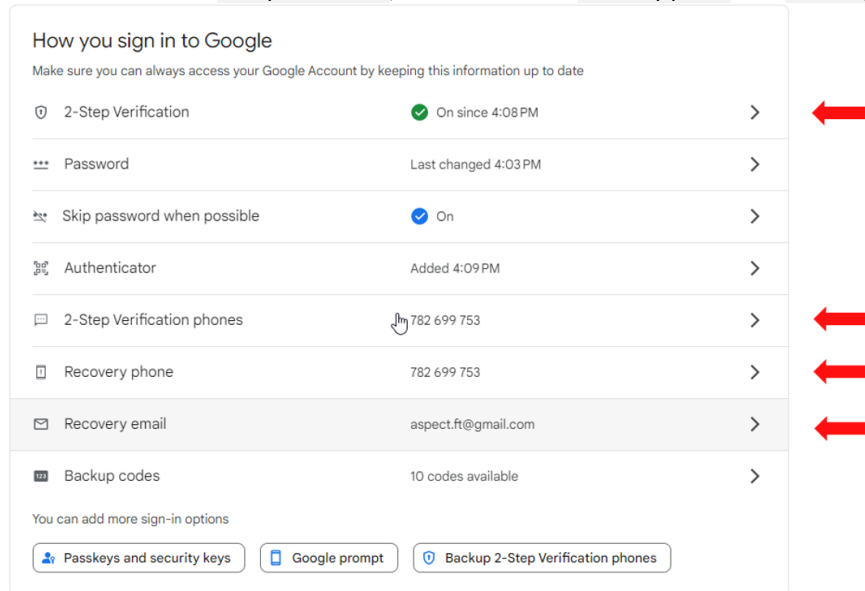


**Note:** It is a good practice to make sure that your Gmail account is set for 2-step verification with your mobile phone number and/or another backup email. This will allow you to recover it if you will forget your password.

4. To set up 2-step verification, select **Security** on the left side menu



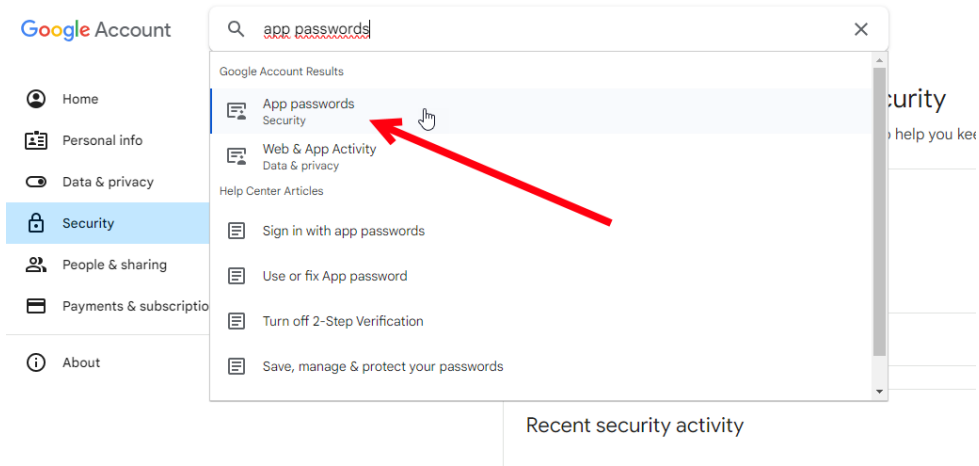
5. Select and enable **2-Step Verification**, and then enter **Recovery phone** and **Recovery email**.



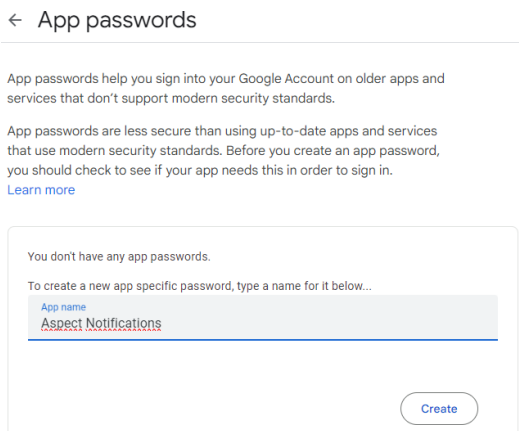
## SET UP 'APP' ACCESS IN GMAIL FOR ASPECT

In order for ASPECT to be able to access your Gmail account, you must assign it an 'App' password in Gmail as follows:

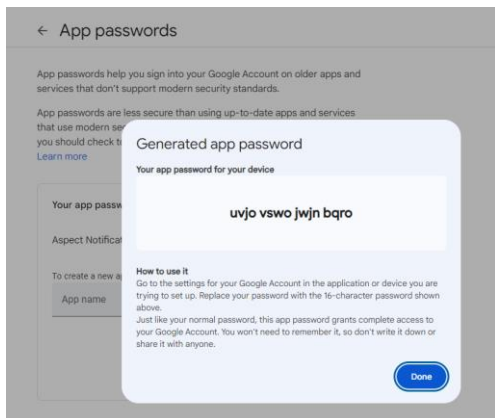
1. Type in the search field "app passwords" and choose App Passwords Security



2. Enter a name for your App and click on the Create button



3. Your account will generate a unique key that can be used by ASPECT-studio notifiers as a password to access your Gmail account.

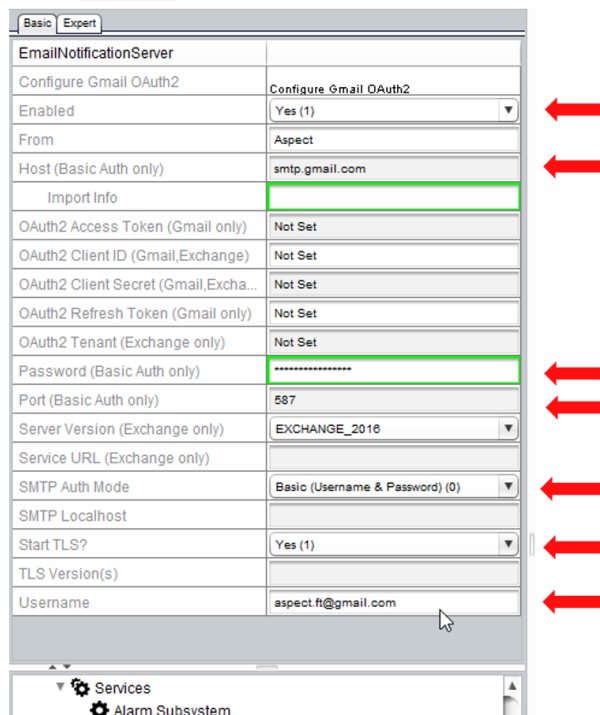


### 3 Configure ASPECT notifiers to connect with Gmail

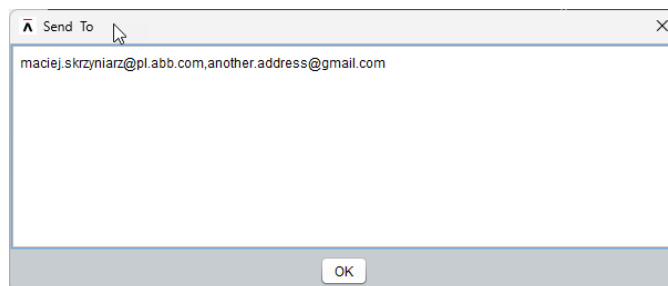
1. Open ASPECT-Studio and in your ASPECT Project tree navigate to Services/Email Notification Service.
2. In the Basic properties tab in Host (Basic Auth only) enter the address of the G-Mail SMTP server `smtp.gmail.com`
3. Configure the Enabled property as required
4. In the Password (Basic Auth only) field, enter the unique app password generated earlier.

**Note:** Press ENTER after typing the Password (Basic Auth only) in order to ensure that the properties window registers it.

5. In the Port (Basic Auth only) field enter 587.
6. In the SMTP Auth Mode field, choose option Basic (Username & Password) 0
7. In the Start TLS property? field select Yes(1)
8. In the Username field enter your ASPECT notification Gmail address



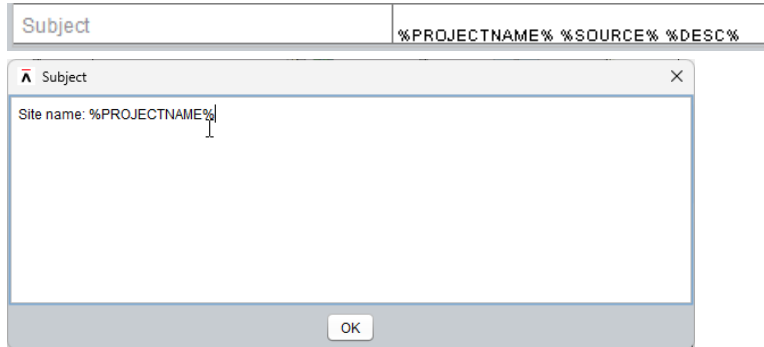
9. Navigate to Notifiers in ASPECT Project MAP and select Email
10. Double click on the Send To property window and enter (as a comma-separated list) the email addresses of all required recipients.



# How to configure Gmail to send alarms from an ASPECT device. | Configure ASPECT notifiers to connect with Gmail

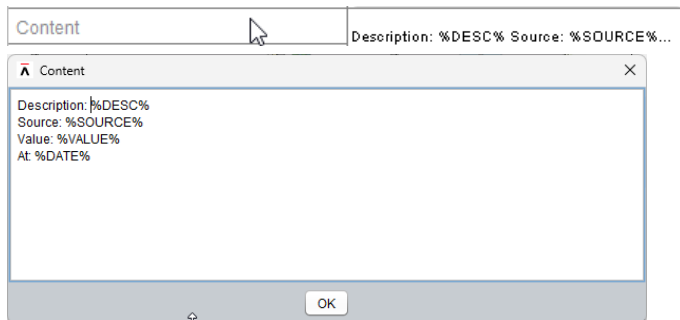
11. Double-click on the **Subject** property to configure your message subject.

**Note:** You can use both plain text and ASPECT TStrings (Tokenized Strings) to configure this field.

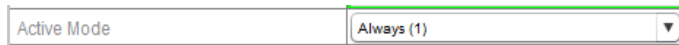


12. Double-click on the **Content** property to define your message content

**Note:** You can use both plain text and ASPECT TStrings (Tokenized Strings) to configure this field.



13. In the **Active Mode** parameter, specify how this notifier will become active, **Disabled**, **Always**, **Controlled by Schedule**, or **Inverted Schedule Control**:



Notifier **Active Mode** options are **Disabled**, **Always Active**, **Controlled by Schedule**, and **Inverted Schedule Control**.

- **Disabled** : Disabled notifiers will automatically stop evaluation - this is useful to temporarily suspend a notifier without deleting it.
- **Always** : “Always-active” notifiers will continue evaluation constantly.
- **Controlled by Schedule** : Notifiers set to be “Controlled by Schedule” with a corresponding schedule selection will be **True** any time the selected schedule has an event/value and **False** any time it does not.
- **Inverted Schedule control** : Notifiers set to “Inverted Schedule control”, along with a bound schedule, will be **True** any time the bound schedule does not contain a value.

14. Set **Maximum Priority** and **Minimum Priority** parameters to limit notifications to specific ASPECT alarm priorities.

Maximum Priority	1000
Minimum Priority	0

15. Deploy your ASPECT project and trigger an alarm to see your notifications being sent to desired recipients.