

HOW-TO GUIDE

HT0052 Rev 1

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. 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.

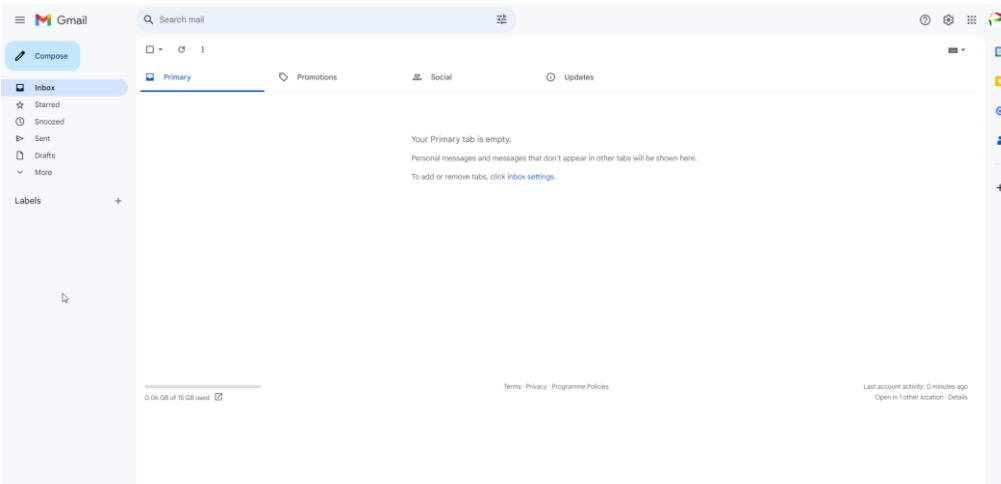
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2 Steps to configure the Gmail account

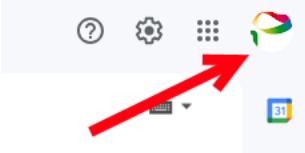
To make sure that ASPECT alarms will be sent properly using a Gmail account, the below steps should be followed:

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

1. Create a Gmail account at gmail.com and log in to it.

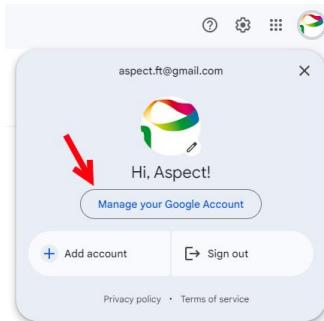


2. In the top right corner, click on the account icon (Profile Picture) to enter G-mail account properties



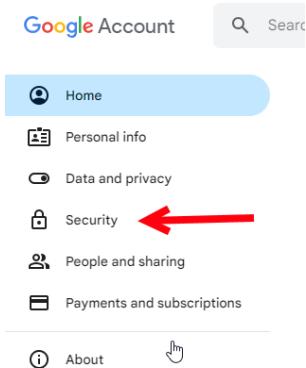
How to configure Gmail to send alarms from an ASPECT device. | Steps to configure the Gmail account

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

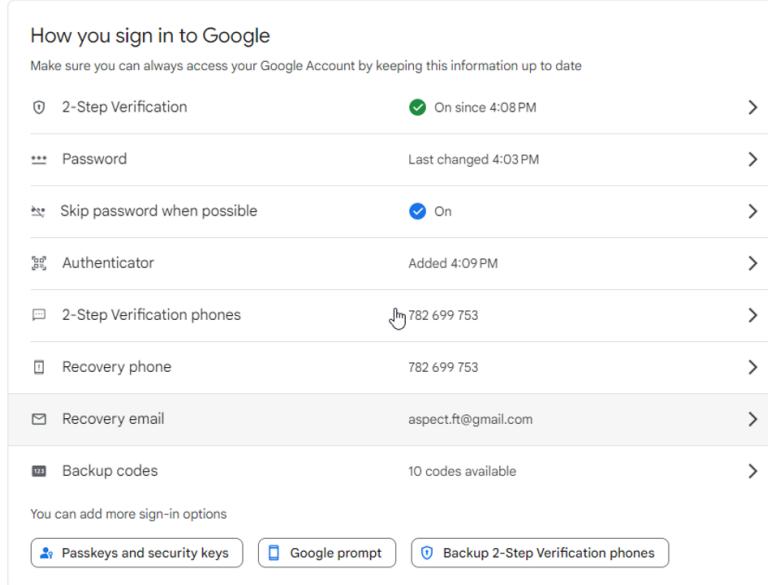


Note: It is a good practice to make sure that your **Gmail** account is set for 2-step verification with your mobile phone number and/or another backup email. This will allow you to recover it if you will forget your password.

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



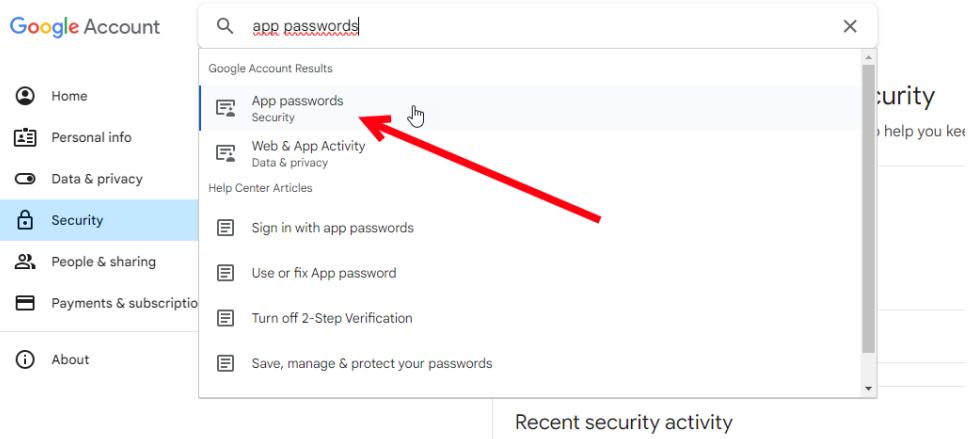
5. Select and enable 2-Step Verification, and then enter Recovery phone and Recovery email.



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



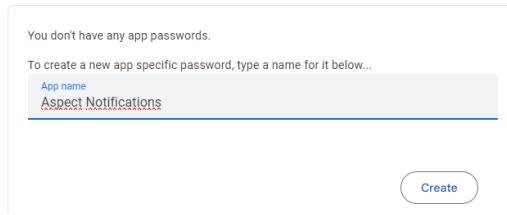
2. Enter a name for your App and click on the Create button

← App passwords

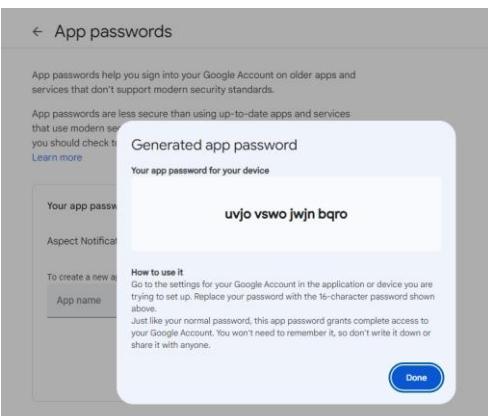
App passwords help you sign into your Google Account on older apps and services that don't support modern security standards.

App passwords are less secure than using up-to-date apps and services that use modern security standards. Before you create an app password, you should check to see if your app needs this in order to sign in.

[Learn more](#)



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

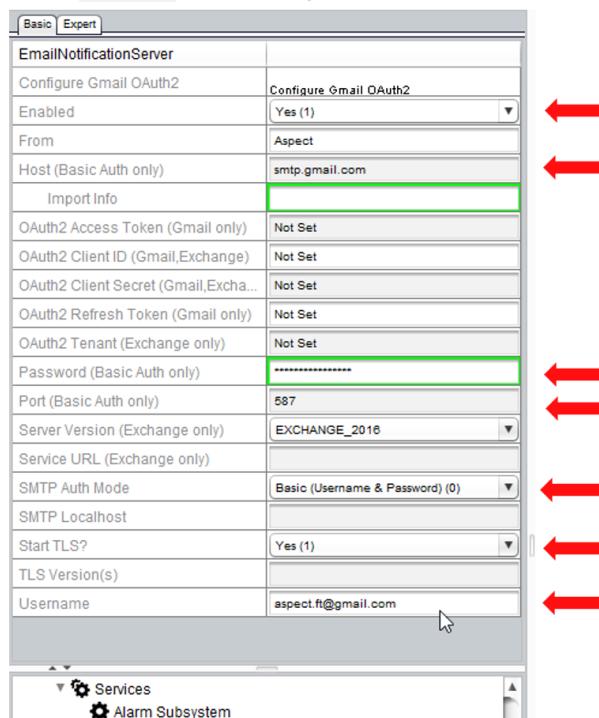


3 Configure ASPECT notifiers to connect with Gmail

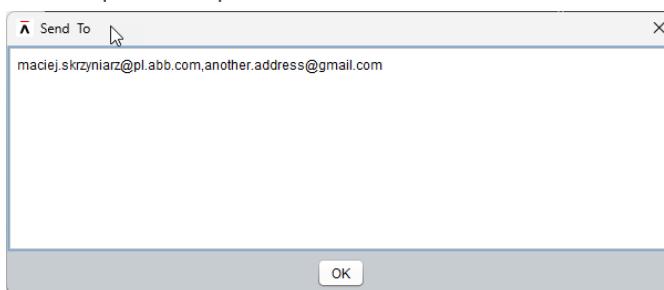
1. Open ASPECT-Studio and in your ASPECT Project tree navigate to Services/Email Notification Service.
2. In the Basic properties tab in Host (Basic Auth only) enter the address of the G-Mail SMTP server `smtp.gmail.com`
3. Configure the Enabled property as required
4. In the Password (Basic Auth only)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



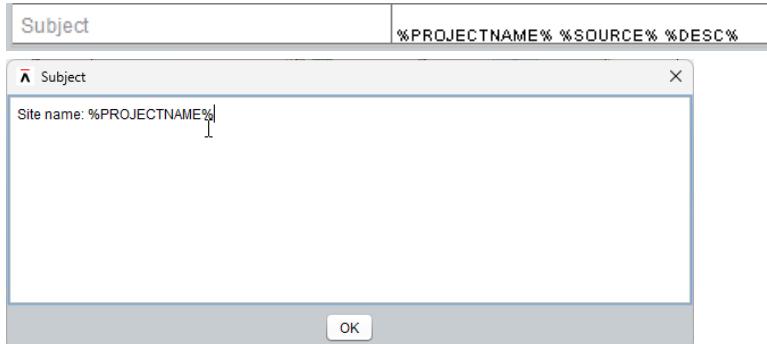
9. Navigate to **Notifiers** in ASPECT Project MAP and select **Email**
10. Double click on the **Send To** property window and enter (as a comma-separated list) the email addresses of all required recipients.



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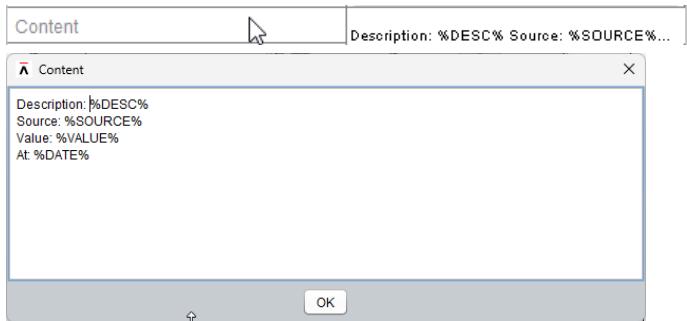
11. Double-click on the **Subject** property to configure your message subject.

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.



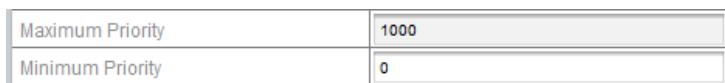
13. In the **Active Mode** parameter, specify how this notifier will become active, **Disabled**, **Always**, **Controlled by Schedule**, or **Inverted Schedule Control**:



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.



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