

Setting Up Notifications

1. Identifying your SMTP use case

The HALO uses SMTP(simple mail transfer protocol) to send out alarms.

You can use you own internal SMTP server(a) or external server(b).

- a) If you don't want to expose your HALO to Internet you can use your own internal SMTP.
Skip 2. Setting up a free Gmail external server
- b) If you don't have an internal SMTP server, you can use a free Gmail account. We recommend creating a separate Gmail for your HALO units.

2. Setting up a free Gmail external SMTP

You can setup your own SMTP server by creating a Gmail account.

Got to www.gmail.com. Click create account. Click Next.

Fill in all info (first name, last name, email address, password). Click

Next. Only Birthday and Gender need to be filled in. Click Next.

Scroll down to Privacy and Terms and click I agree.

The image displays a sequence of four screenshots from the Google account creation process:

- Sign in screen:** Shows the Google logo and "Sign in to continue to Gmail". A text input field for "Email or phone" is present. The "Create account" button is circled in red.
- Create your Google Account screen:** Shows the Google logo and "Create your Google Account to continue to Gmail". Fields for "First name" (halo), "Last name" (jp), "Username" (halo.jp@gmail.com), "Password", and "Confirm" are visible. A red box highlights the "halo.jp@gmail.com" username, with a red dot and the text "Choose a Gmail address" below it.
- Profile completion screen:** Shows "halo, welcome to Google" and "halo.jp.ipvideo@gmail.com". Fields for "Phone number (optional)", "Recovery email address (optional)", "Month", "Day", and "Year" are present. A red box highlights the "Gender" dropdown menu, with red dots and text "Please fill in a complete birthday" and "Please select your gender" above it.
- Privacy and Terms screen:** Shows the Google logo and "Privacy and Terms". It contains a "Combining data" section, a "You're in control" section, and a "MORE OPTIONS" dropdown. The "I agree" button is highlighted in blue.

Click the gear icon and click settings.

Go to forwarding and POP/IMAP tab and enabled IMAP.

Note: Free Gmail accounts can are limited to 500 emails a day.

The screenshot shows the Gmail Settings page for a user. The 'Forwarding and POP/IMAP' tab is selected. The 'IMAP access' section is highlighted with a red arrow and shows the 'Status: IMAP is enabled' with the 'Enable IMAP' radio button selected. Other sections include 'Forwarding', 'POP download', and 'Folder size limits'. A notification banner at the bottom says 'enable desktop notifications for Gmail.' with 'OK' and 'No thanks' buttons.

Settings

General Labels Inbox Accounts and Import Filters and Blocked Addresses **Forwarding and POP/IMAP** Add-ons Chat Advanced Offline Themes

Forwarding: Add a forwarding address
Learn more
Tip: You can also forward only some of your mail by [creating a filter!](#)

POP download: Learn more

- Status: POP is enabled** for all mail that has arrived since Feb 5
 - Enable POP for **all mail** (even mail that's already been downloaded)
 - Enable POP for **mail that arrives from now on**
 - Disable POP
- When messages are accessed with POP** keep Gmail's copy in the Inbox
- Configure your email client** (e.g. Outlook, Eudora, Netscape Mail)
[Configuration instructions](#)

IMAP access: (access Gmail from other clients using IMAP) [Learn more](#)

Status: IMAP is enabled

- Enable IMAP
- Disable IMAP

When I mark a message in IMAP as deleted:

- Auto-Expunge on - Immediately update the server. (default)
- Auto-Expunge off - Wait for the client to update the server.

When a message is marked as deleted and expunged from the last visible IMAP folder:

- Archive the message (default)
- Move the message to the Trash
- Immediately delete the message forever

Folder size limits

- Do not limit the number of messages in an IMAP folder (default)
- Limit IMAP folders to contain no more than this many messages 1,000

Configure your email client (e.g. Outlook, Thunderbird, iPhone)
[Configuration instructions](#)

Save Changes Cancel

enable desktop notifications for Gmail. OK No thanks X

Finally turn on less secure apps on your account. Click the link and turn on.

<https://myaccount.google.com/lesssecureapps>

Proceed to step 3 Setup SMTP connection

3. Setup SMTP connection

Go to the HALOs webpage by entering the ip address into a Google Chrome browser. Go to the Notifications tab.



Scroll down to SMTP Settings.

SMTP Settings

Host	<input type="text" value="smtp.gmail.com"/>
Port	<input type="text" value="587"/>
Username	<input type="text" value="ipv.halo@gmail.com"/>
Password	<input type="password" value="....."/>
Security	<input checked="" type="radio"/> Normal <input type="radio"/> High (port 465 only)
Sender	<input type="text" value="ipv.halo@gmail.com"/>
Recipients	<input type="text" value="coolguy@ipvideocorp.com"/>

Send Test Email

The image above shows example inputs for a Gmail SMTP server. Change username, password and sender to your own Gmail account.

NOTE 1: The password will not be displayed when you revisit the page. Don't worry, your password is still saved.

NOTE 2: You need to refresh the page for every test email sent for the fail/success messaging to pop up. We are currently looking into fixing this.

Change recipients to where you would like the alert to go.

Recipients can be comma separated. Recipients can be emails or phone numbers

ex: example@gmail.com, example2@gmail.com

ex: halo@ipvideocorp.com, [9171231234@txt.att.net](tel:9171231234)

Example of possible numbers (below)

Provider	Email-to-SMS Address Format
AT&T	number@txt.att.net (SMS) number@mms.att.net (MMS)
Sprint	number@messaging.sprintpcs.com (SMS) number@pm.sprint.com (MMS)
T-Mobile	number@tmomail.net (SMS and MMS)
Verizon	number@vtext.com (SMS) number@vzwpx.com (MMS)

Check Send Test Email and click Save & Test.

If test passed you should get email/text.

If test failed look at options below

- a) Firewall is blocking the communication between HALO and SMTP server.
- b) SMTP setting parameters are wrong.
- c) HALO might not have Internet access (external SMTP)
- d) IMAP is disabled on your Gmail account (external SMTP)
- e) Gmail is suspicious of login. Simply login to Gmail and confirm that it was you that signed in.
- f) HALO has bad/wrong dns, router, gateway, ip