Using Google's Gmail with the MSNSwitch

Tech Note MSNTN003





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Document Revision History:

Date	Comments
Dec. 22, 2025	Added model UIS-801bc
Jan. 11, 2024	Added model UIS-722b
Oct. 17, 2023	First release

This TechNote Applies Only to MSNSwitch Models:

UIS722b, UIS-722t, UIS-622b
UIS-801bc

Introduction

The MSNSwitch from Mega System Technologies, Inc ("MegaTec") is designed to automatically power-cycle any AC powered device when Internet connectivity is lost. Either of its AC power outlets can also be reset manually or via scheduled actions.

The MSNSwitch has an internal event log which records various actions such as button presses, Internet loss and automatic outlet resets. These events can trigger an E-Mail to be sent to one or more users. In most instances, the E-Mail setup is straight-forward (see section 2) but when sending event logs through Google's Gmail service, additional configuration is required.

IMPORTANT NOTE

The Event Log E-Mail function is DISABLED by default and must be enabled via the MSNSwitch's internal web server. The E-Mail function cannot be enabled remotely via the ezDevice app or Cloud4UIS.com web service.

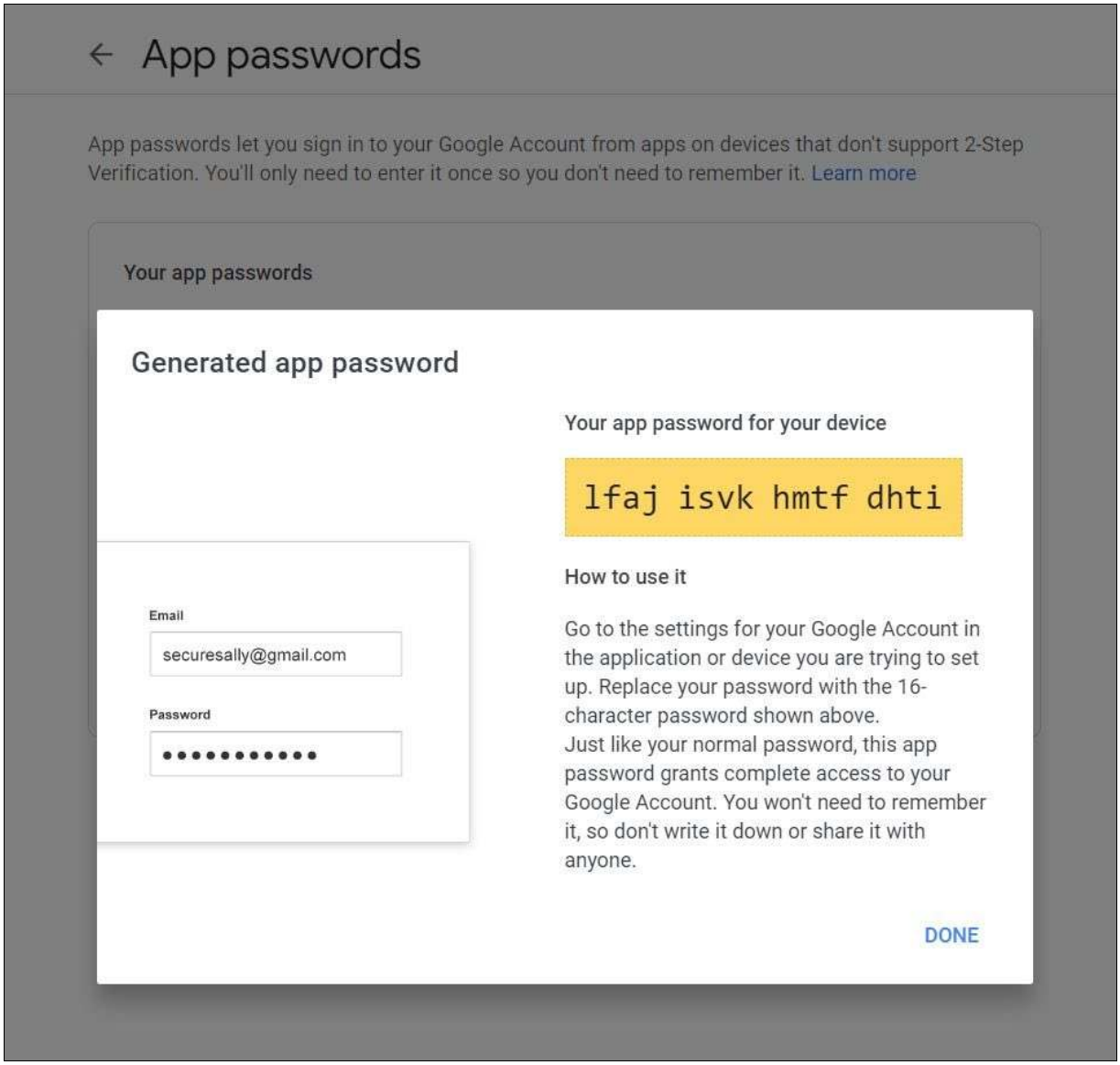
1. Configuring the MSNSwitch for Gmail

Sending Event Log E-Mails through Gmail requires that your Google account have 2-Step Verification enabled so that you can generate an authorized password that the MSNSwitch can use. This is now a requirement by Google - they no longer support the less secure simple password authentication. See:
https://support.google.com/accounts/answer/6010255

You can read more about 2-Step Verification here:
https://support.google.com/accounts/answer/185839

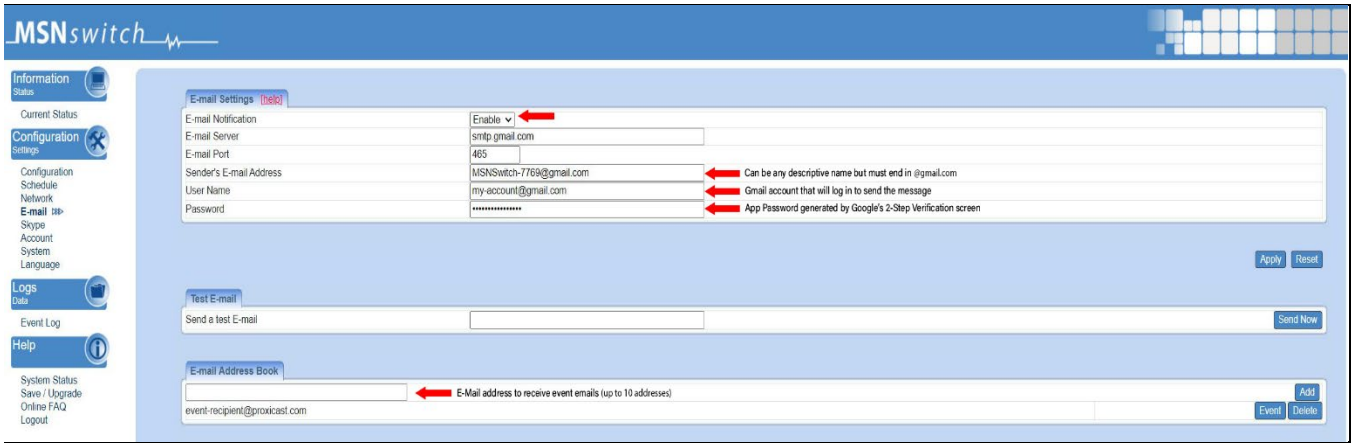
The process for creating the App Password in Google is described here:
https://support.google.com/accounts/answer/185833

You need to generate an App Password in your Google account. The result looks like this. Enter the 16-character value from the yellow box (no spaces) in the MSNSwitch's E-Mail Password field.



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Here is how the MSNSwitch configuration page looks for a Gmail account.



2. Configuring the MSNSwitch for generic SMTP E-Mail servers

Below is the meaning of the fields on the MSNSwitch's E-Mail screen:

E-mail Notification:

Send E-Mail notification for each Event Log entry. Disabled by default.

E-Mail Server:

The SMTP E-Mail server's name or IP address.

E-Mail Port:

The SMTP E-Mail server port. Default is 25. Check with your ISP for the correct port #.

Sender's E-mail Address:

The sender's E-Mail address. Can be any string but must be formatted as an E-Mail address.

User Name:

Sender's E-Mail user name or account. Used to authenticate the MSNSwitch with the SMTP server

Password:

Sender's E-Mail password.

E-Mail Address Book:

Notifications will be sent to these E-Mail addresses (max 10). You can filter which events are sent to each recipient using the Event button on the lower right.

Note: The system will auto detect if authentication is by SSL or Starttls.

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