



1275 Danner Dr Tel:330-562-7070  
 Aurora, OH 44202 Fax:330-562-1999  
 www.networktechinc.com

## HOW TO SETUP EMAIL

Use this guide to assist in the configuration of the ENVIROMUX to send email messages. Be sure that each user is assigned to at least one group (under Group Settings) before using the "Send Test Email" button.

1. Apply a valid email address for the ENVIROMUX to the Enterprise Setup Page.

### Enterprise Configuration

Enterprise Settings	
Enterprise Name	<input type="text" value="Server Room E-MINI-LX"/> <small>Name to identify this unit</small>
Location	<input type="text" value="NTI"/> <small>Location/Address</small>
Contact	<input type="text" value="Sales"/> <small>Contact person</small>
Phone	<input type="text" value="330-555-5555"/> <small>Phone number of contact person</small>
E-mail	<input type="text" value="NTI@Gmail.com"/> <small>E-mail address for messages sent from this unit</small>

**Note:** When authentication is required (check your email server requirements) the Username and Password applied on the Network Configuration page must be for the user's email address applied in the Enterprise Setup Page. If no authentication is required, the Username and Password fields can be left empty.

SMTP Settings	
SMTP Server Type	<input type="text" value="Custom"/> <input type="button" value="v"/> <small>Select SMTP server to use for emails</small>
SMTP Server	<input type="text"/> <small>SMTP server used when sending e-mails</small>
Port	<input type="text" value="25"/> <small>SMTP server port. Usual Port #-: No Encryption: 25, TLS: 465, STARTTLS: 587</small>
Email Format	<input type="text" value="Plain Text"/> <input type="button" value="v"/> <small>Email format</small>
SMTP Encryption	<input type="text" value="None"/> <input type="button" value="v"/> <small>Select the type of SMTP Encryption to use in email</small>
Use Authentication	<input type="checkbox"/> <small>SMTP server requires authentication to send e-mail</small>
Username	<input type="text"/> <small>Username for email authorization. For domains like GMail/Office 365, username is the full email address. You may also have to set this email address in Administration -&gt; Enterprise Settings</small>
Password	<input type="text"/> <small>Password for sending e-mails</small>
<input type="button" value="Send Test Email"/>	

If the SMTP server type is Gmail, see page 3 to continue for proper setup instruction. If the server type is Office 365, see page 6.

Example of configuration for custom mail server

2. Fill in Network Page with valid information:

- A. SMTP Server - check with your service provider as to what this and other settings on this page should be. Sometimes it is just the name of the provider (*service-provider.com*), sometimes characters are added (mail.service-provider.com, smtp.service-provider.com, etc)
  - a. Some SMTP mailing server systems require having a valid FQDN (Fully Qualified Domain Name) when requesting to send e-mails. E-xD is set to use Enterprise Name, if set, as its FQDN. FQDN can be updated by changing Enterprise name on Administration > Enterprise Settings page, under Enterprise Setting option.
- B. The default port is 25. If authentication is required, a different port number may be required.
- C. Choose between plain text and html. Some service providers only support SMS messaging (plain text) so html is not an option for them.
- D. For SMTP Encryption, select None, TLS or STARTTLS
- E. Check "Use Authentication" if the SMTP server requires authentication to send emails.
  - a. If required, Enter "Username" and "Password" that has been assigned to the email for the ENVIROMUX. Make sure they apply to the email address applied in the Enterprise Setup Page.

**Example:** `username@yournet.com` Most servers (not all, check with your service provider) use just the characters in front of the "@" for your Username on the account. These, and only these characters should be entered into the "Username" block.

**Note:** Passwords are case sensitive. Be sure to apply the password exactly as it is required by the server.

- 3. Verify User is configured to receive notifications for at least one sensor group as well as having "E-Mail Alerts" selected and a valid E-Mail address to send the notifications to.

Configure User

E-16DEL-1 RTD Port 10 Temperature 1 Configuration Temperature)

**Note:** For a user to receive alerts for a sensor, the sensor configuration and the user configuration must have at least one common group selected.

In the images above and left, Group #1 is selected in the User configuration while groups 1, 2 and 3 are selected for the sensor. As a result, alerts will be sent to users configured for Groups 1, 2 and 3, and this user will receive alerts for only those intended for Group 1.

Configure user to receive alerts via email

## Gmail Settings

On the Network Configuration page is a section for SMTP Server Type, for selecting a custom SMTP server, using a Microsoft 365 account or using a Gmail account to send alert messages through. When Gmail is selected, most settings are automatically filled in and you only have two choices to make.

**SMTP Settings**

SMTP Server Type: **Gmail** (Select SMTP server to use for emails)

Email Format: **Plain Text** (Email format)

Username:  (Username for sending e-mails)

*Current Status: Authorization not started*

Authorize with Google  
 Authorize device to send emails using selected gmail account

**Send Test Email**

**SNMP Settings**

**MQTT Settings**

**Server Settings**

**3G/4G Data Connection**


**Save**

Configure Gmail as SMTP server for sending alerts

1. **If any users have service providers that do not accept html email formats, then the email format must be set to Plain Text for them to receive alert messages.**
2. Enter a valid username for the Gmail account that will be used for sending alert email messages.
3. Next click on **“Save”** to make your settings take effect.
4. Click on **“Authorize with Google”**. **Note: Make sure your browser is not set to block pop-ups.**
5. You will be prompted to login to the Gmail account you have setup for the ENVIROMUX with the username and password. Click **“Continue”** in the next two screens presented and the association with the Gmail account should be complete. The **“Current Status: Authorization successful”** should be displayed (as seen in the image on page 3).

**Note: You will only need to perform this procedure once.**

Sign in with Google



### Sign in


to continue to [Enviromux-xD](#)

[Forgot email?](#)


Before using this app, you can review Enviromux-xD's [privacy policy](#) and terms of service.

[Create account](#) [Next](#)

Sign in with Google



### Welcome


 @gmail.com

Show password


Before using this app, you can review Enviromux-xD's [privacy policy](#) and terms of service.

[Forgot password?](#) [Next](#)

Sign in with Google



### Enviromux-xD wants access to your Google Account

 @gmail.com

When you allow this access, [Enviromux-xD](#) will be able to

- Send email on your behalf. [Learn more](#)

**Make sure you trust Enviromux-xD**

You may be sharing sensitive info with this site or app. You can always see or remove access in your [Google Account](#).

Learn how Google helps you [share data safely](#).

See Enviromux-xD's [Privacy Policy](#) and Terms of Service.

[Cancel](#) [Continue](#)

### ENVIROMUX XOAUTH Authorization

Loading..

Authorization was successful. Please close this window if it is not auto closed in 10 seconds



**NTI NETWORK TECHNOLOGIES INCORPORATED**

US & Canada: 800-742-8324  
Tel: 330-562-7070  
Fax: 330-562-1999  
[sales@ntigo.com](mailto:sales@ntigo.com)


SMTP Settings

SMTP Server Type    
 Select SMTP server to use for emails

Email Format    
 Email format

Username    
 Username for sending e-mails

**Current Status: Authorization successful**

    
 Authorize device to send emails using selected gmail account

SNMP Settings

MQTT Settings

Server Settings

3G/4G Data Connection



**Current Status: Authorization successful. Ready to send alerts via Gmail**

### Office 365 SMTP Server Type

When the Server Type is "Office 365", most of the rest of the settings are pre-selected for you. If you do not have an existing email address with Microsoft or a domain managed by Microsoft 365, please create and register a new Microsoft 365 account with Microsoft. Then enter that email address in the E-xD web interface for the SMTP Server Setting. That will be the email address that the ENVIROMUX will use to send out alert messages. Then click the "Save" button.


**SMTP Settings**

**SMTP Server Type**    
Select SMTP server to use for emails

**Email Format**    
Email format


**Username**    
Username for email authorization. For domains like Gmail/Office 365, username is the full email address. You may also have to set this email address in Administration -> Enterprise Settings

*Current Status: Authorization not started*

    
**Authorize device to send emails using selected Office 365 account**

**Figure 1- Microsoft 365 server settings- before authorization**


After saving, Click the "Authorize with Microsoft" button to complete the process. The following screens will pop-up.

 Microsoft

**Sign in**

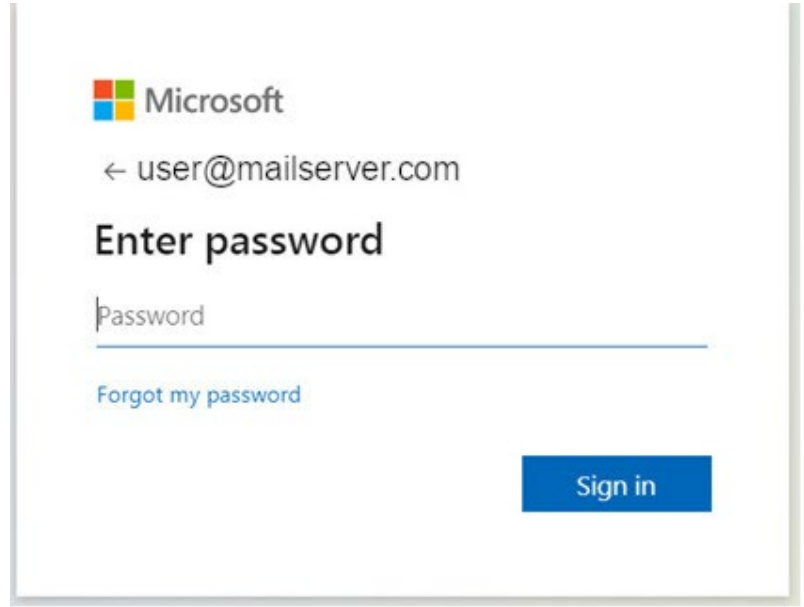
No account? [Create one!](#)

[Can't access your account?](#)

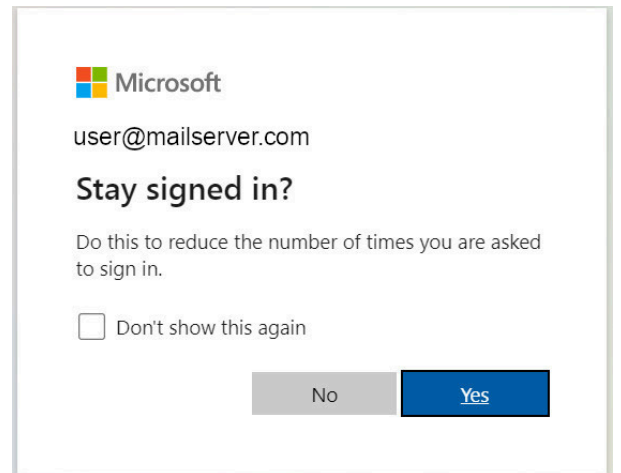
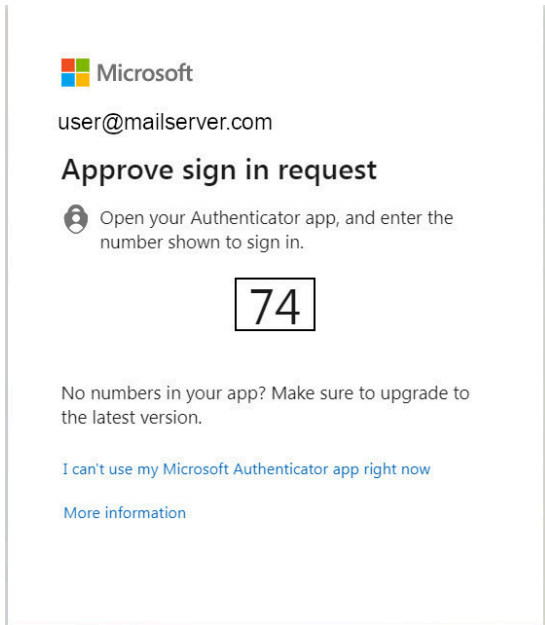
 [Sign-in options](#)

Sign in using your Microsoft 365 email address.

Enter the password used for your Microsoft 365 account.



Enter the number into your Authenticator app on your phone.



Select "Yes" to avoid doing this again.

The screenshot displays the 'Email Server Settings' configuration page. At the top, the title 'Email Server Settings' is shown in blue. Below it, there are two main configuration fields: 'Server Type' with a dropdown menu set to 'Office 365' and a sub-label 'Select the type of Email server to use'; and 'E-mail' with a text input field containing 'user@mailserver.com' and a sub-label 'E-mail sender address for this unit'. Below these fields, the status is indicated as 'Current Status: Authorization successful'. There is a button with the Microsoft logo and the text 'Authorize with Microsoft', followed by the instruction 'Authorize device to send emails using selected Microsoft account'. At the bottom of the form, there are two buttons: 'Save' on the left and 'Test Email' on the right.

**Figure 2- Office 365 server settings- after authorization**

Authorization is complete and you are ready to test.

## Perform a Test

1. Once you finish setting up an email account or associating a Gmail or Office365 account with the ENVIROMUX, make sure you have access to the email account of at least one configured user. Then click "**Send Test Email to All Users**".
2. Check a user's email account. A test email from the ENVIROMUX should be there.

If you do not receive the test email, check the Event log for what email error code is being generated. If there is no email error code, verify the User Account you are sending the email notifications to is setup properly. Verify that the account is enabled and that a group number is selected (for which sensors you wish to receive notifications for). Lastly, verify that email notifications are selected with a valid email address entered to send the notifications to.

For the complete E-xD product manual with all features and functions, click [here](#).