SAGE DIGITAL ENDEC 3644 TASK SHEET

Email & FTP Configuration

Email and FTP are two of the means by which the Sage Digital ENDEC can provide notifications of alerts as they are received or sent. This section describes what information you'll need to put in each of the fields on the *Email/FTP* tab of the ENDECSetD utility. The descriptions here follow the layout of the fields from top left to bottom right; refer to the included screenshot for the visual. Note that none of the FTP options are necessary for proper functioning of email, and none of the email options are needed if you only want to use FTP: you can use one or the other or both, as desired.

Email-specific Fields

Email Auth Type

Select the appropriate option from this list to allow the ENDEC to authenticate with the SMTP server using an authentication mechanism the server supports. Choose `All` to allow the ENDEC to try to negotiate an appropriate mechanism to use, or choose a particular value specified by your IT staff.

Email User Name

Enter the username associated with the account the ENDEC should use when sending mail. This is *not* necessarily the ENDEC's email address, although some servers expect an email address as the username; consult your IT staff or email administrator.

Email Passsord

Enter the password associated with the ENDEC's email account.

Use STARTTLS if available

When checked, the ENDEC will attempt to initiate a secure transaction with the SMTP server. It's generally safe to leave this box checked; your email administrator will be able to tell you otherwise.

Email Addresses - Receiving / Received/Sent / Error

List the email address to which the ENDEC should send emails, each separated by a newline (that is, type in an address, hit *ENTER*, type in another address, hit *ENTER*, etc.). The `Receiving` addresses will get an email when the ENDEC begins recriving an alert; the `Received/Sent` addresses will receive an email when the ENDEC has received an alert and when an alert is originated or relayed; the `Error` addresses will receive startup notification if the ENDEC reboots, etc.

Email SMTP Server

Provide the IP address or hostname of your email server. You'll likely need to get this information from your email administrator. If the server wants to talk on a port *other than* 25, indicate this by appending a colon and the port number (e.g., mail.wxyz.com:587)

Email Domain

The ENDEC will use this value to construct its sending address. Generally, this will be everything after the "@" in your email address - e.g., if your address is engineer@WXYZ.com, you'd enter `WXYZ.com`. This is not arbitrary, however, and must be a domain for which the SMTP server is willing to relay email. Consult your email administrator.
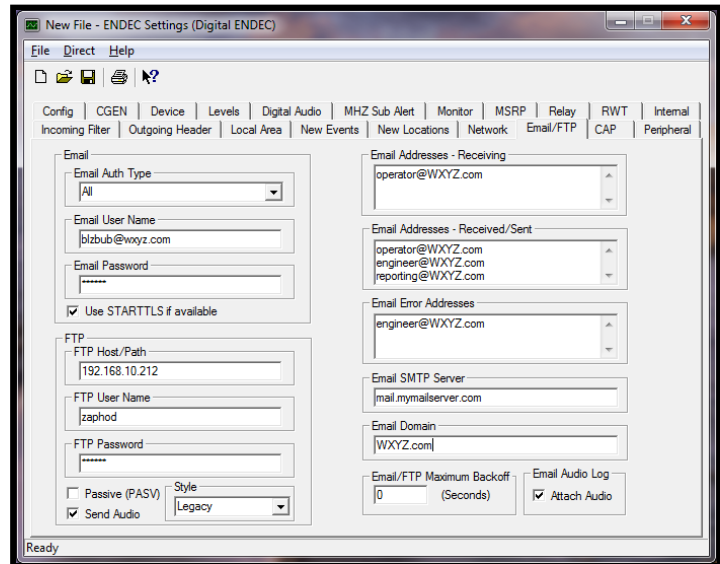
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Email-specific Fields, Continued

Email/FTP Maximum Backoff

This value specifies the upper bound, in seconds, that the ENDEC will wait between attempts to send emails. If you enter `30`, for example, the ENDEC will wait a random number of seconds between 1 and 30 between emails. Set to `0` to disable this feature. The intent here is to reduce the load on your SMTP server and spread out bandwidth usage, but you may also find it useful if your SMTP server rejects emails if it thinks too many are being sent from one sender within a short timeframe.

Attach Audio

Enable this checkbox if you want the ENDEC to attach mp3 files of alert audio to each alert email it sends.

FTP-specific Fields

FTP Host/Path

Enter the FTP server's host name, including additional path information if necessary. Consult your IT staff for details.

FTP User Name

Enter the username associated with the ENDEC's FTP account.

FTP Password

Enter the password associated with the ENDEC's FTP account.

Passive (PASV)

If there is a firewall or proxy server between the ENDEC and the FTP server, you may need to enable the PASV checkbox; consult your IT staff for the correct setting.

Send Audio

If you would like to include mp3 files of alert audio sent along with FTP'd alert text, enable this checkbox. **IMPORTANT:** If you are using FTP to send files to a network printer for printing, do *not* enable this option.

Email & FTP Error Log

The ENDEC keeps a log of email and FTP transactions. If you experience difficulties with either email or FTP, you can examine the log for error messages and other indications. To view the log, point your web browser to this address, replacing `<ip-address-of-your-endec>` with the actual IP address of your ENDEC:

`http://<ip-address-of-your-endec>/mailerr.txt`

The email and FTP log is held in RAM while the ENDEC is running. Each time you reboot the ENDEC, whether by removing power or otherwise, the log will be erased and may appear empty until something gets written to it. This behavior is normal.