EZ5 Series Email Feature Guide

This guide will show you the basics to setting up your Email for the EZ5 HMI. After setting this feature up in the programming software with versions 6.2 and firmware K.5.80 and up. You will be able to receive emails with information like; Date Time, Numeric tags, discrete tags and ASCII tags. These can be triggered via tag based or set to a schedule.
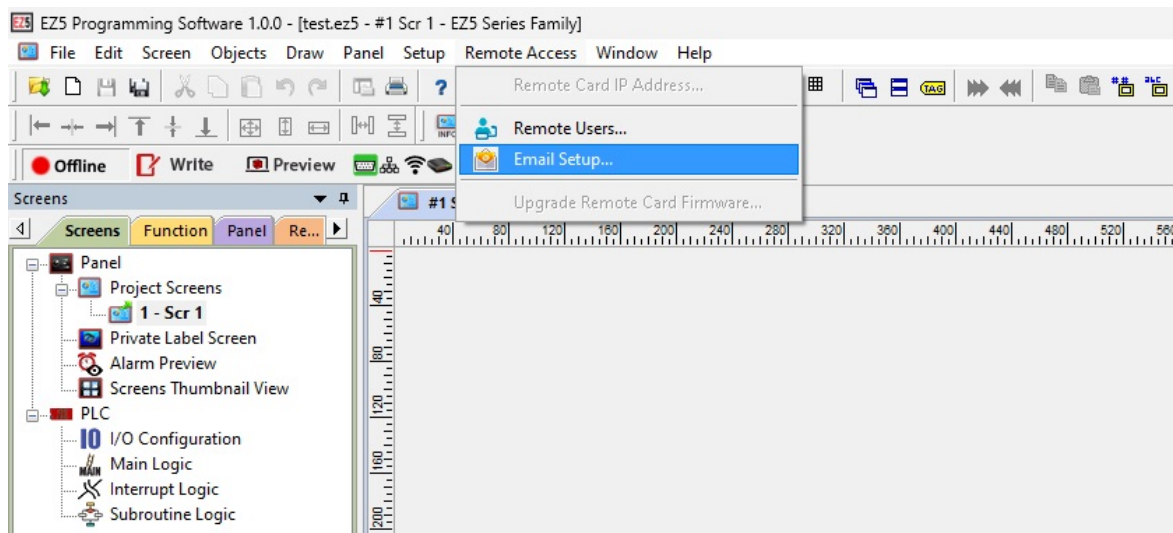
First we can start out with having an existing network already in place. On a PC connected to the network, your EZ-Programming Software version 6.2+, and the EZ5 series HMI.

Open up your software and select your project. Select Remote Access then Email setup.

The first tab is the **Email server Setup**; this will appear with your network information regarding your SMTP server.
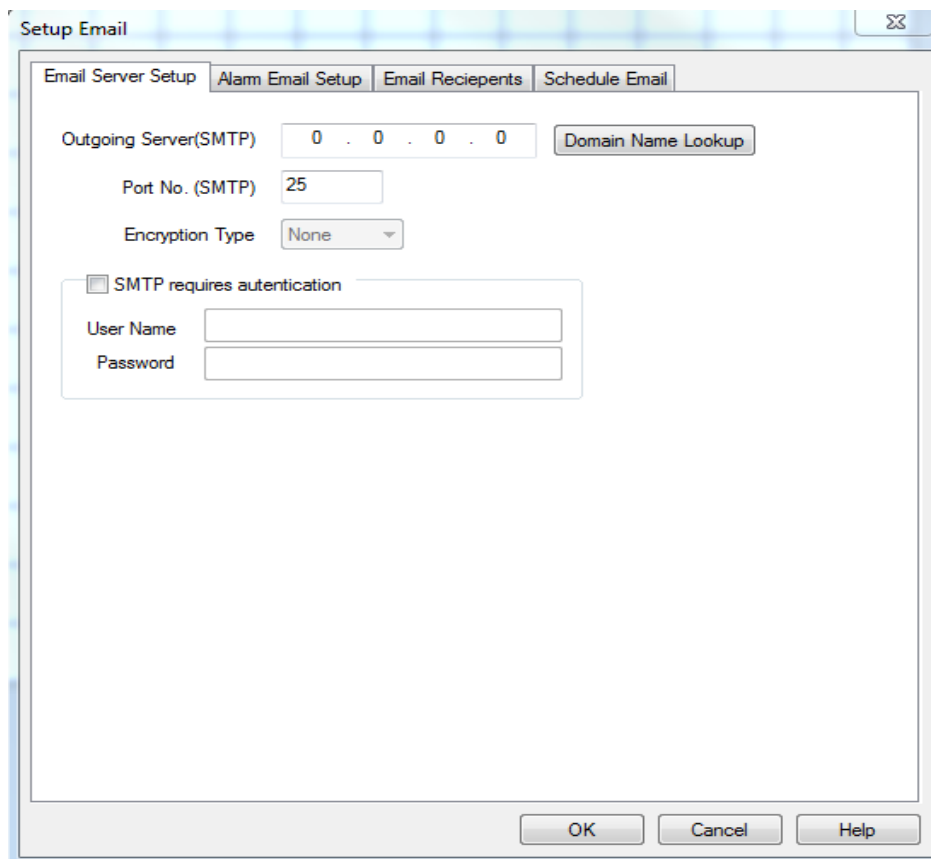
SMTP Server

SMTP Server: An SMTP server is a computer that receives outgoing mail messages from users and routes them to their intended recipients. All SMTP servers implement some version of the Simple Mail Transport Protocol, and many that run UNIX use the send mail program.

In the Outgoing Server (SMTP) field you can place an IP here. If you already know the IP you can manually enter it or have the software find it for you. Click on the Domain Name Lookup and this window (below) will appear.
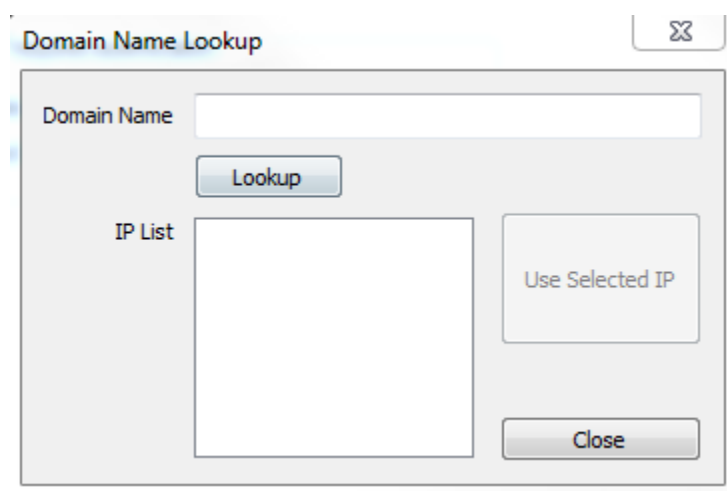
You want to enter the Domain Name here; you can find the domain name of your PC by following these steps.

If your organization uses Active Directory domains to manage its network, you might need to know which domain a computer belongs to so that you can access other computers and resources on the network.

1. Open System by clicking the **Start** button, clicking **Control Panel**, clicking **System and Maintenance**, and then clicking **System**.

2. If your computer is connected to a domain, under **Computer name, domain, and workgroup settings**, you will see the name of the domain your computer belongs to. If your computer is connected to a workgroup, you will see the name of the workgroup your computer belongs to.

After entering your Domain Name press Lookup and a list of IP's will appear. Select the one you want to use and push close. This should be all automatic and populate for you.

If you did not select the correct Domain this error will appear:

There is also a check mark box for SMTP requires authentication field. Please check if a then needed enter your User Name and Password.
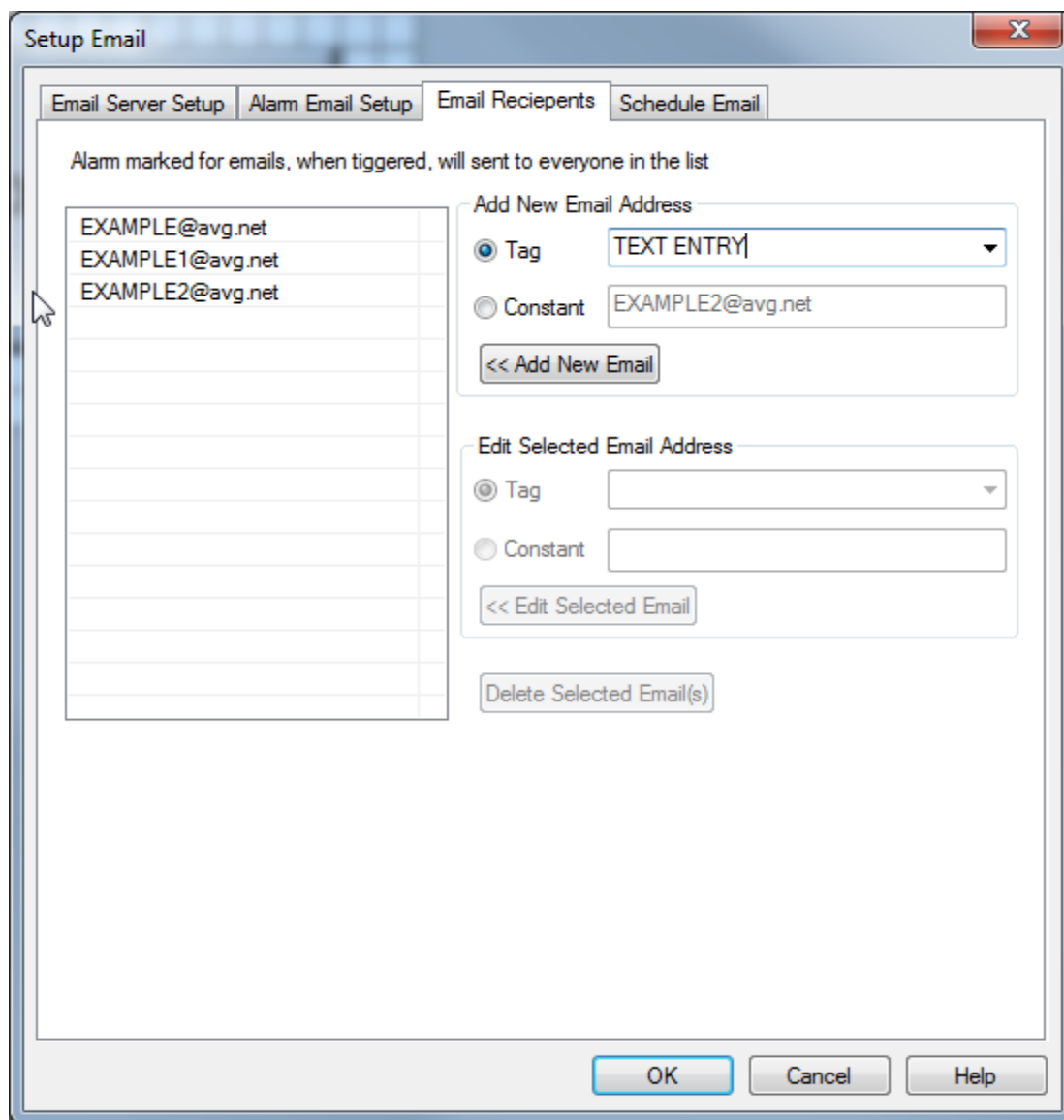
On the next Tab you have this screen as shown below **Alarm Email Setup**. This is where you will enter the HMI's email address. You can send a test setup

This window will only work if the Outgoing SMTP Server is setup. In this window you are able to send a test email to see if you configured the email setup correctly. Enter a Subject line and a body for your email. There are boxes you can check for options to append Alarm messages.

The next tab is the **Email Recipients** field. Here is where you will setup a list of contacts that will receive and email. You can use a tag to enter emails with the HMI or just a constant to create a list of emails to send. Every time you create a tag or constant "Add New Email" to add to the list.


You can send an email via a tag or just an email that will go into a list. If you select a tag based email you can change the email recipients on the HMI using a TEXT object. I would recommend setting the max characters to 40. Keep in mind this is an ASCII_STRING data type so two characters will take up one register. So a 40 character ASCII message will take up 20 registers.
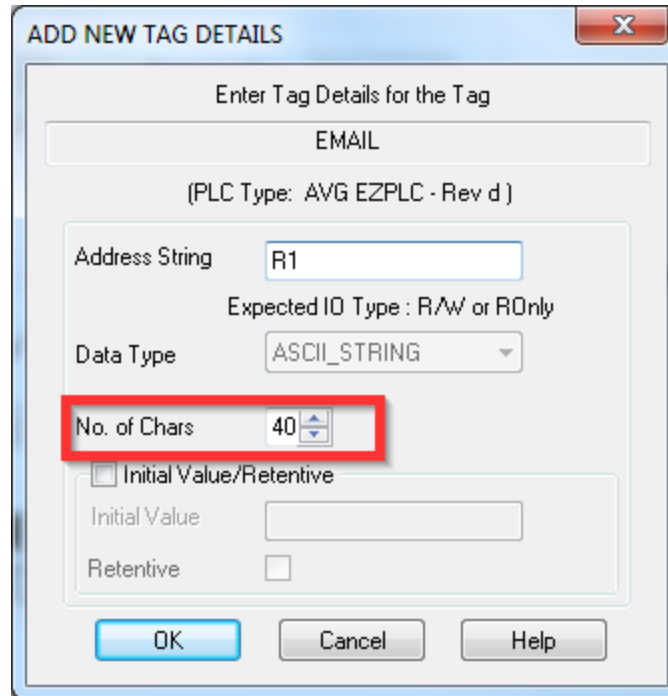
Using Text Entry to create an email in the HMI
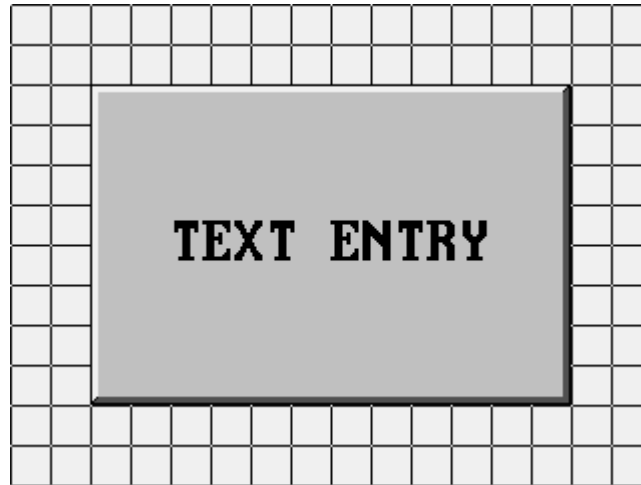
With this object you can enter an email with in the HMI. Assign a tag name with this object and map it to the email feature.
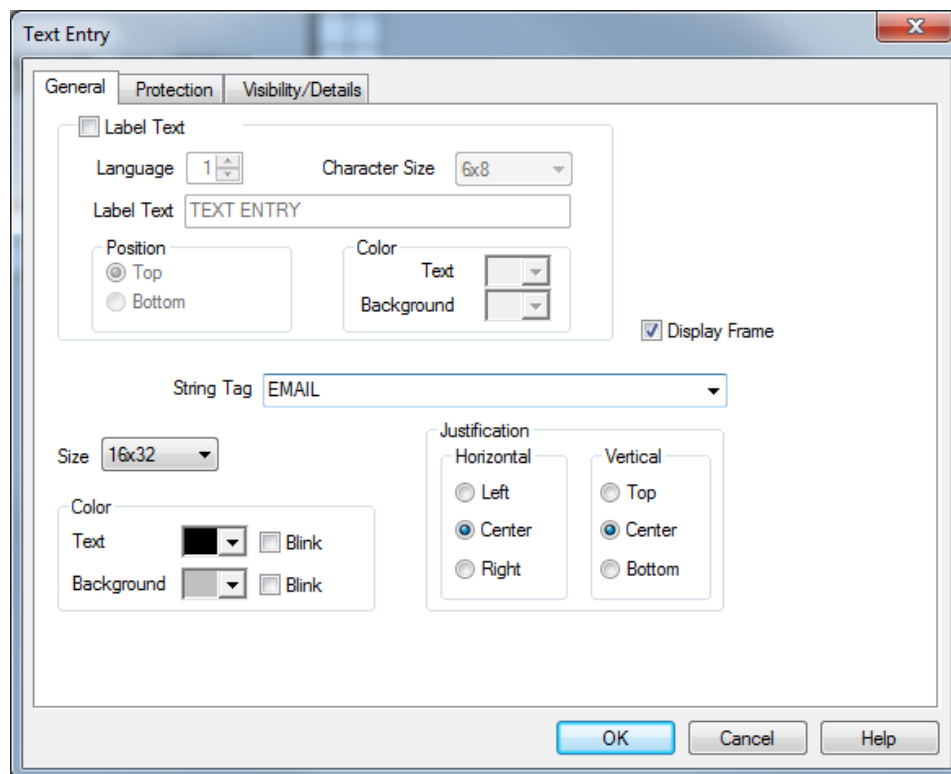
Keep in mind we only support 40 charaters, I would set this to max 40 shown below.

You now can enter an email on the HMI using the Text entry button. To get to other symbols and punctuation push the CAP button to scroll through different options.

The last tab is the "**Schedule Email**". This is where you will set up your actual email that will be sent to your contact list.

Mail-Enable Tag: This is a discrete tag that will enable and disable the email feature.

Mail details: This is the heart and soul of your new email feature with our new EZ5 panel. Similar to an email, you can type in a subject line and a body using the field shown below.

You can also **insert** in the body of the email different variables as well like Date, Time, Numeric Tag, Discrete Tag, and an ASCII tag.

NOTE: When entering multiple variables they each need their own line, for example:
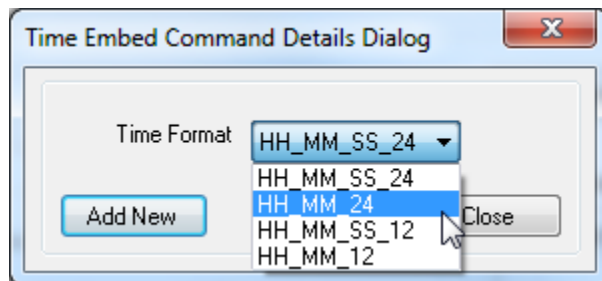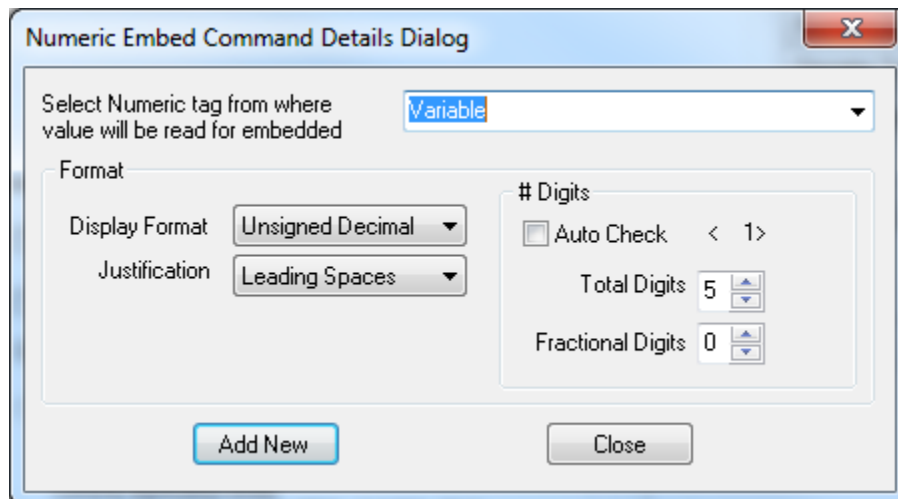
Correct:

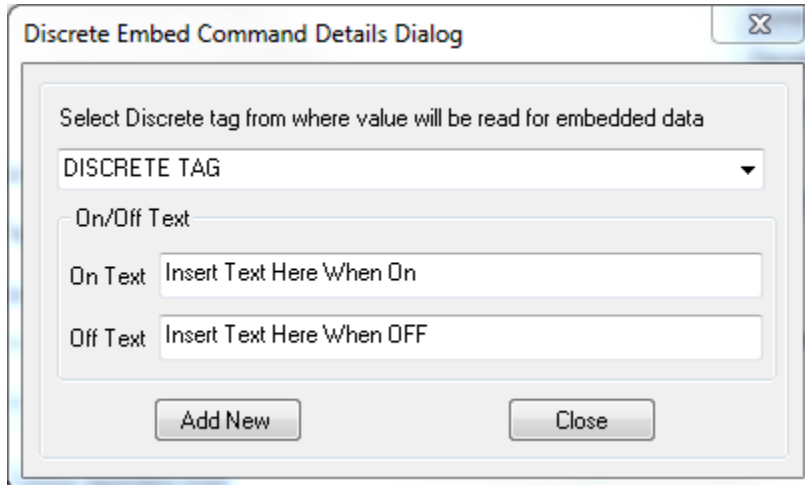**Incorrect:**

EZ5 EMAIL APPLICATION GUIDE
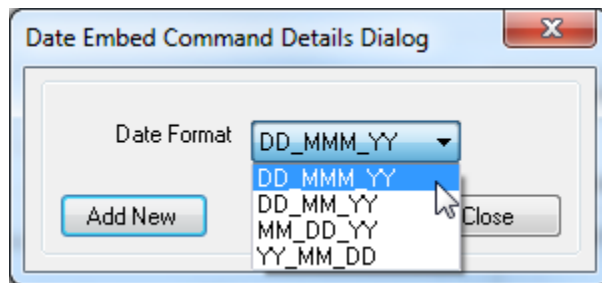
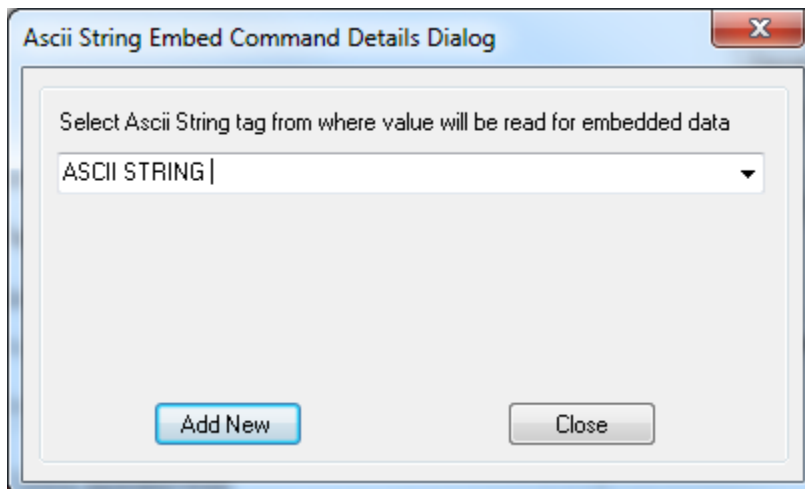**Time**: You can enter the time to your preference

Numeric Tag: You can embed a variable within the body of your email using this selection. Just configure the register you want to use and assign the necessary attributes and push "Add new". This will be added to the body of your email.

Discrete Tag: You can embed a discrete message within the body of your email using this selection. Just configure the discrete tag you want use and assign a text message for the on/off states to be read in the body of your email. Push "Add new". This will be added to the body of your email.

ASCII Tag: You can embed an ASCII message/value within the body of your email using this selection. Just enter the ASCII string tag from where the value will be read from.

Email Schedule: This is where you can set a desired time to send automatic emails. You can configure for either tag based or on a scheduled time. The tag based is a triggered event, when a button transitions from on/off or off/on it will send an email to your contact list. The Scheduled option you can set for hourly, specific time, daily, weekly, and monthly.

Email Recipients: This is the last option for this feature. You can send to all contacts in the list or just a selected contact. By checking **Mail Recipient** you can select all at once. And if you want certain contact(s) you can check the individual(s) contact email.

Do you still need help?

Technical Support

Most of the frequently encountered problems regarding any EZ5 emails are answered in the sections above. However, if you still need answers to your questions, please call our technical support at 1-877-774-EASY.

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