

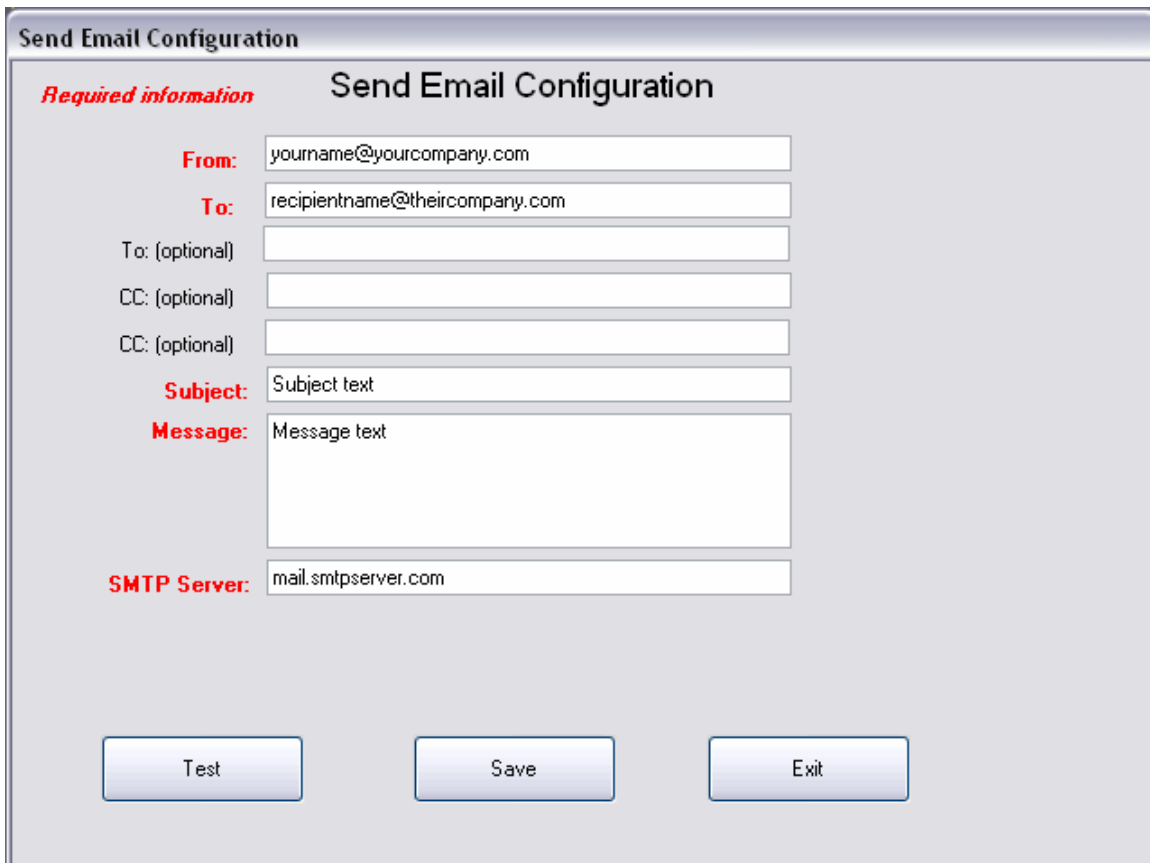
**SMTP Email  
Event Based Email**

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**Overview:** Event based email application. The system is made of two programs, EmailCfg and SndEmail. EmailCfg provides a tool to configure the email information (i.e. From:, To: ,CC:.) SndEmail sends the email based on the information from the EmailCfg settings. Created for Paragon users that need event based email. Implementation in Paragon using IO Execute program option and/or CS Execute block tied to an event trigger. SMTP Email uses SMTP to send email on Microsoft Windows XP.

## EmailCfg.exe

Enter the necessary information for the required fields and optional fields. Select the Save button to save the configuration settings. Select the Test button to test the Email configuration. When successful select Exit to terminate EmailCfg.



The screenshot shows a Windows-style dialog box titled "Send Email Configuration". The dialog has a header bar with the title "Send Email Configuration" and a sub-header "Required information". Below the header, there are several input fields and labels:

- From:** A text box containing "yourname@yourcompany.com".
- To:** A text box containing "recipientname@theircompany.com".
- To: (optional):** An empty text box.
- CC: (optional):** An empty text box.
- CC: (optional):** An empty text box.
- Subject:** A text box containing "Subject text".
- Message:** A large text area containing "Message text".
- SMTP Server:** A text box containing "mail.smtpserver.com".

At the bottom of the dialog, there are three buttons: "Test", "Save", and "Exit".

## SndEmail.exe

SndEmail sends the email based on the information from the EmailCfg settings. Any software that can execute another program on event may run SndEmail and add this feature to their application.

## Paragon

Paragon implementation of SndEmail is best executed using Continuous strategy (CS). CS provides an Execute block that may be configured to Execute SndEmail. The Execute block input Trigger is connected to an output from another block that signals the event.

Execute Program Block Configuration:

The screenshot shows the 'Configure function block' dialog box for the 'sendemail' block. The 'Name' field is set to 'sendemail' and the 'Type' is 'EXEC'. The 'Scan rate (Sec)' is set to 1.00. Under 'Inputs', 'Active inputs' 1 and 2 are checked, and 'Active type' is set to 'All'. 'External trigger' is set to 'Y'. Under 'Algorithm control', the 'Task name' is 'sndEmail.EXE', 'Sessions' is 'Background', and 'Enable' is set to 'Y'. There are 'Ext' checkboxes for 'Task name', 'Arguments', and 'Sessions'. Navigation arrows and 'Page 1 of 2' are at the bottom left, and 'Execute Program' is at the bottom right.

## Continuous Strategy Example

The DIN block output is connected to the EXEC block Trigger. When DIN=1 the EXEC block will execute sndEmail.exe.

