

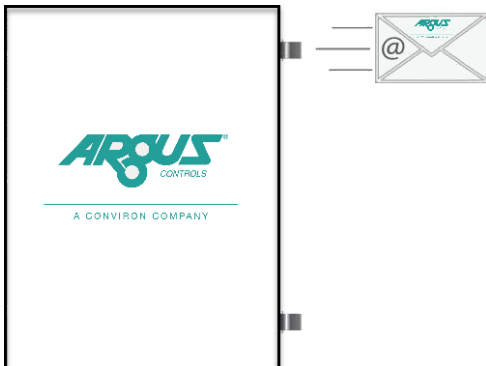
## Argus Email Notification Service

The Argus Email Notification software is an optional add-on feature allowing you to receive real-time updates and regularly scheduled summary reports of conditions within your controlled environment.



Version 2 of this product adds multiple new features (marked as **NEW!** below) and allows for additional custom configuration options to address the needs of our customers.

### Applications



**Our Cloud based option** sends any notifications from your Argus Control System to our Cloud-based notification server on the Internet. We then generate an email and/or a text message that is sent out to you with the relevant information and / or notification.

The benefit of this method is that you do not need to have your own email server, you can use ours instead.

When using the Argus Hosted Email Server, all communications between the Argus Control System and the Email Server are fully encrypted and secure to keep data safe.

**Our SMTP based option** allows you to use your own email servers (rather than ours) for all email activities so you can send the same notifications and generate the same emails to be sent to you with all relevant information and/or notification. Simple text (SMS) messages can be sent as well in addition to an email.

The benefit of this method is you have complete control with your own email server, which may already be in place.

If you use your own email server to send out notifications, be sure to use an encrypted SSL connection to ensure the highest level of security.

Examples of the type of email activities generated are:

- Regular summaries of important system data including alarm logs, sensor data and audit trails.
- Event-driven notifications can be configured for alarm conditions detected by the Argus system.
- Additional reporting such as climate conditions, weather readings and equipment states.
- Alarm notifications when the Argus Email server stops receiving communications from your Argus Control System *\*(only available with the Argus Hosted Email Server version)*

### Alternatives

Basic or no Email Notification.

### Features

- **Cloud-Based Email Notifications** - Using a cloud Server greatly simplifies the 'email out' configuration: there is no email sender account to configure. Works on any system configured for standard secure Internet access (port 8080).
- **SMTP-Based Email Notifications** - Use your own Email Server if it already exists, or if your system is too locked down for the Cloud Server to be contacted.
- **'Heartbeat' Monitoring** – (Cloud only) Configure your control system to send a 'heartbeat' message to the Argus Cloud or SMTP Server at specified intervals. Heartbeat monitoring provides constant evaluation of the health of the cloud link and current availability of the Argus control system to generate alarms.

## Features Continued

- Master Recipient List – Enter recipient email addresses once and thereafter select them as needed for inclusion in each notification.
- Multiple Parameters – Include any number of selectable control system values in each notification such as readings, equipment states, and current setpoints.
- Selectable Reporting Frequency - Set a reporting frequency or specify designated times of the day for custom email reports to be generated.
- **Event-based Email Options** – Any change in the built-in alarm bell states can be used to trigger an event-based email detailing the current alarm status of your system. In addition, you can configure low priority 'management' level alarms to notify you of changes in specified conditions.
- **Multiple Recipient Lists** - Quickly select the “cc” recipients for each type of notification. All recipients see who else has been sent the notification.
- **Enable/Disable Controls** - Pre-configure and save multiple email notifications and then implement them or disable them as required.
- **Email Frequency Limits** - Set a limit to the number of emails that can be generated per hour. This helps prevent too many emails from being generated due to an incorrect email frequency configuration or by failure events that might cause a cascade of other alarm conditions.
- **NEW! Disabling the System** – Enable or disable the Email notification system using the Email Configuration menu.
- **NEW! Scheduling Graph Email Out** – Configure an email to be sent out once the scheduled download is complete to any selected email addresses.
- **NEW! Audit Trail Email Out** – On the Audit Trail viewer you can now set up email criteria to send for an audit trail report, including Report Interval and the addresses of who will get the report.
- **NEW! Alarm Log Email Out** - On the Alarm State viewer you can now setup email criteria to send for an alarm report, including Report Interval and the addresses of who will get the report.
- **NEW! Email Out Summary View** – A report that displays all current items with email configured.
- **NEW! Other Abilities** – Assign or remove a window as required from the system.
- **NEW! Test the Connection** – You can now test if your connection is active for the Cloud and SMTP Servers.
- **NEW! Text Messages** – You can enter a simple text (SMS) message to send to your device along with an email.

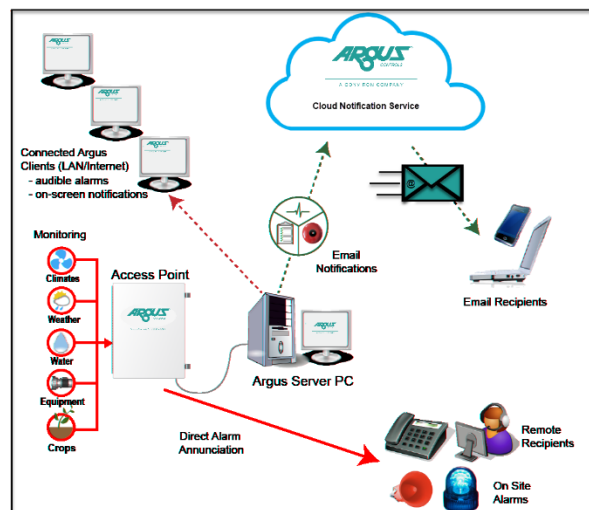
## Diagram

This diagram displays the Argus Email Notification Service in the context of standard “hard-wired” method of direct alarm annunciation by the alarm contacts on the **Access Point**.

Any direct alarm annunciations originate from the alarm contacts inside the Access Point while email notifications and on-screen alarm notifications are sent from the **Argus Server PC**.

The diagram includes both **Cloud** and **SMTP**-based options.

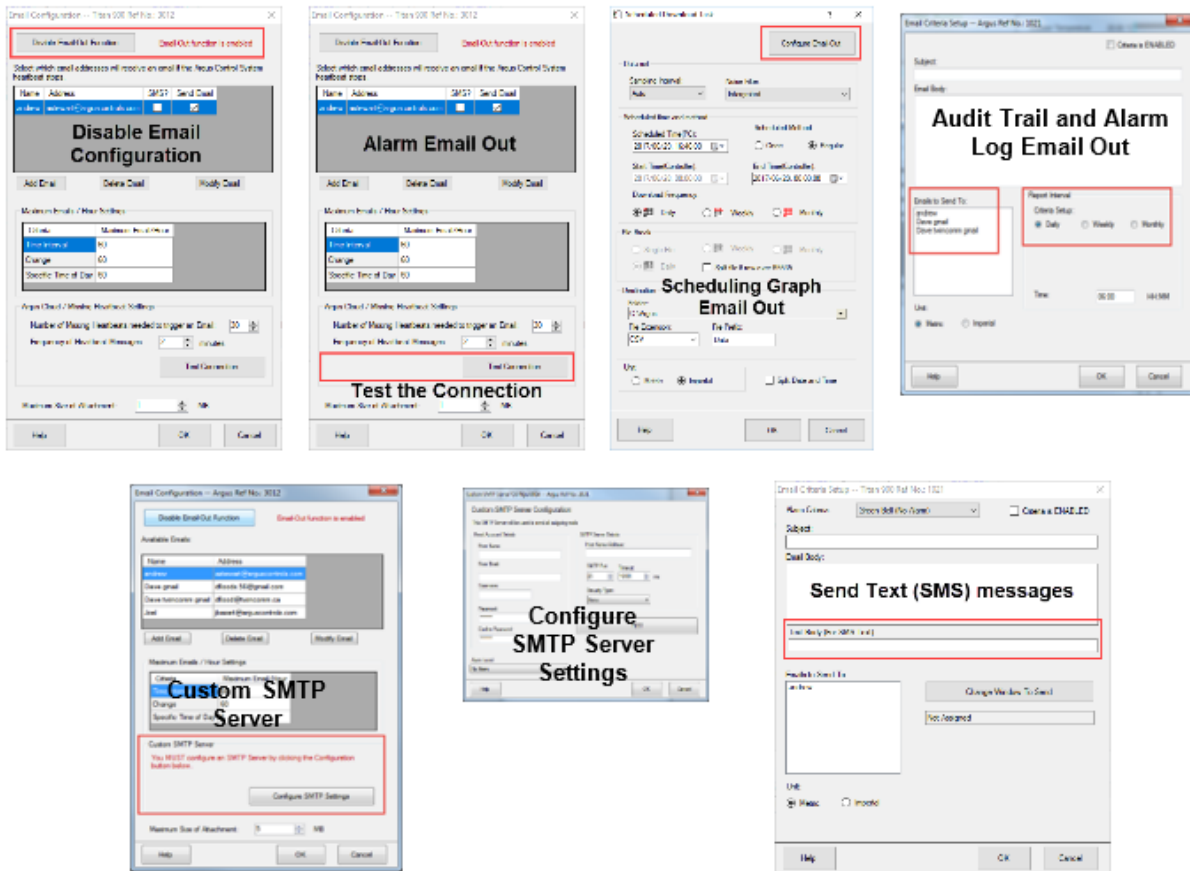
**Email notifications using the Argus Server PC can be used in addition to direct alarm annunciation but they should never be used as a substitute!**



## Software

The following dialogs display some of the highlights of the Email Notification System. They include:

- **Email Configuration for Cloud and SMTP Server** displaying Heartbeat Monitoring, Event-based Options, Alarm Email Out and Disabling the System configuration.
- **Email Setup Criteria** for Multiple Recipient Lists, Audit and Alarm Log Email Out configuration.
- **Scheduled Download Task** for Email Frequency Limits, Scheduling Graph Email Out configuration.
- **Right-click controlling** how to **Add** or **Delete** a Window.



## Additional Information



For more information, please contact Argus.