



# SARTrack Limited

## SARTrack version 1.30

### Integrated Email system

As from version 1.30 SARTrack has a new integrated two-way email system. This makes it possible to communicate with authorities directly from the Log system.

In New Zealand, a special email server has been set up, and on this server every LandSAR Group has been allocated a unique email address for the SARTrack system. (International users: You will have to set up special email address for this purpose. See <https://sartrack.nz/docs/xxxx.pdf>).

This is the email address which external organisations can use to communicate with the IMT using the SARTrack system during an active Operation.

In the future, a Form Template system will be added to send SITREPS or Asset Requests etc. in a standardised format.

The Email system is capable of viewing **HTML** emails.

### How does it work

To activate the email **IMAP** system, from the SARTrack main Menu, select Connections.

Connections

APRS Server  
TNC  
AGWPE  
Direwolf  
Special  
FleetSync  
Icom  
Tait  
Motorola  
Hytera  
AIS  
GPS  
Generic  
IFeeds  
Email Client  
Database  
New Zealand

Email Client

Email

Email address: [Redacted] ?

Email Name: SARTrack IMT SARTrack Development Group

SMTP Server: sarmail.sartrack.nz

IMAP Server: sarmail.sartrack.nz

Password: [Redacted]

Enable Email IMAP Client

Extra

Require Ops in Subject

The integrated email system is at Beta level. Not all features may work as expected yet. Please report any issues.

OK Apply Cancel

In the Connections panel, click on Setup. Then select 'Email Client'. Check 'Enable Email IMAP Client'.

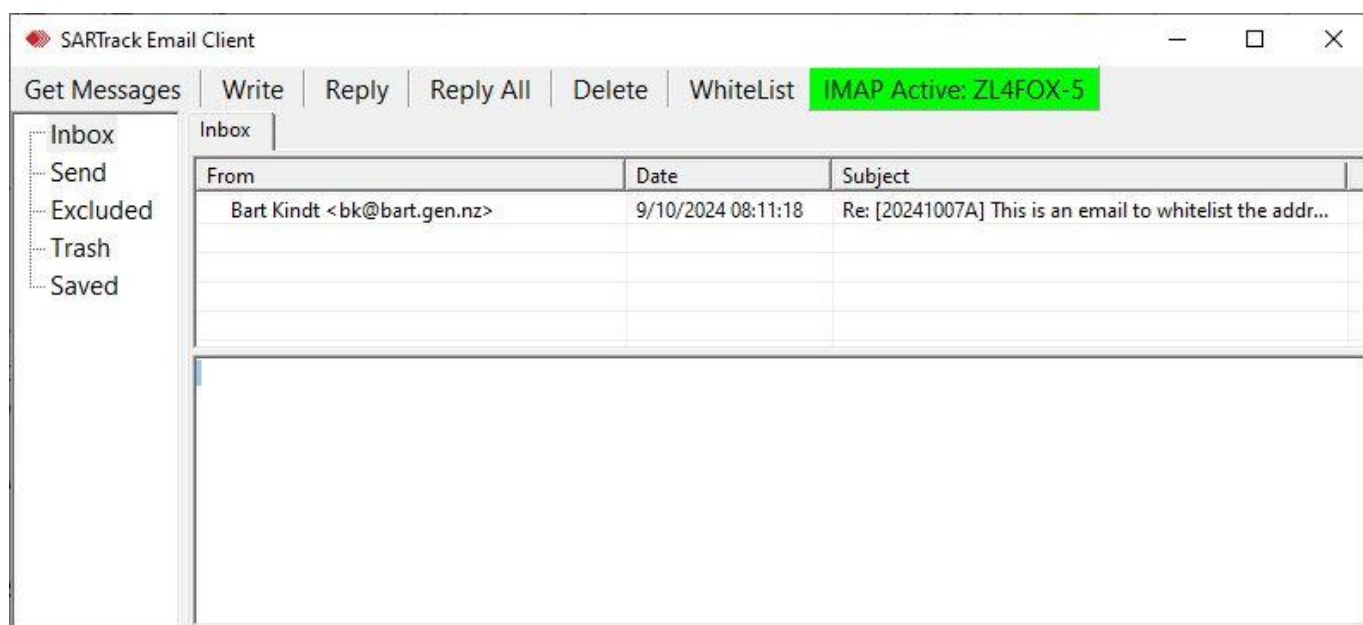
Note that only **one** terminal can connect to the email IMAP server at any time. This terminal will update all other terminals on all incoming emails.

The option 'Require Ops in Subject' will filter out any incoming emails which do not have the name of the Active Operation in the Subject field. These emails will be received, but will end up in the 'Excluded' email folder.

At the moment I recommend leaving this unchecked unless multiple Operations are active on the same GroupID.

You may notice the email address itself is by default not visible, reason being we do not want this email address to become public. By clicking on the [?] the email address will become visible and will be copied to the Clipboard.

In the Main Menu there is now a new button "Email". This will open the Email client window. You can also open it from the Log window.

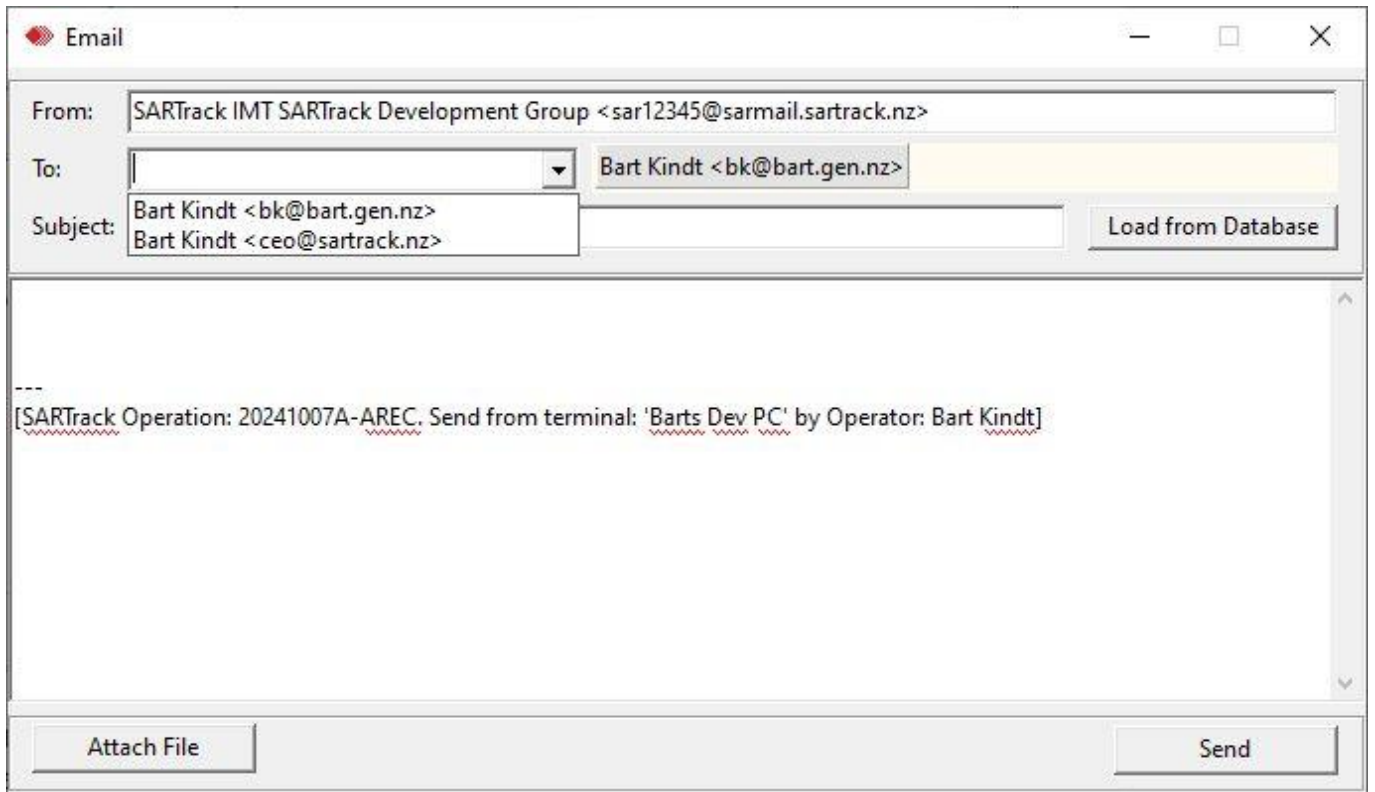


The green panel indicates which SARTrack terminal is acting as the IMAP client for the GroupID and Operation. This can be the same terminal you are working on, or another one, but only one terminal can be active at any given time. The Server will notify all other terminals on this.

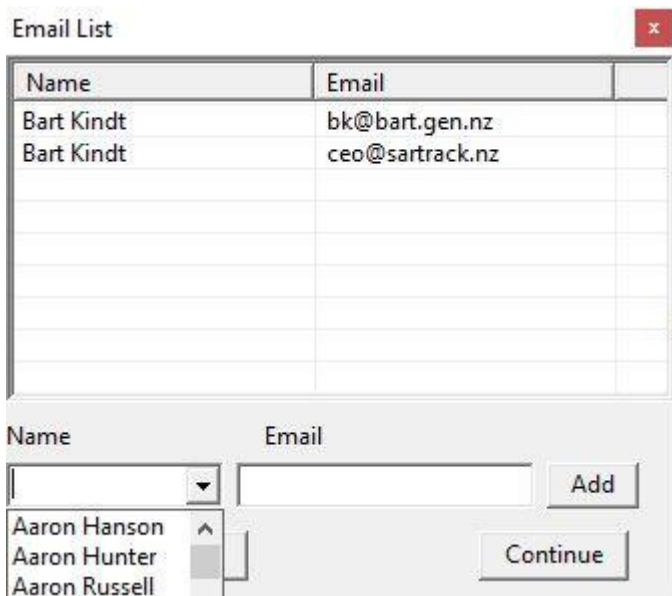
When an email is sent to an external address, this email address is automatically white-listed. From this moment on, all incoming emails from this address will end up in the INBOX, and at the same time appear in the Log system.

Incoming emails which are NOT white-listed, will end up in the 'Excluded' mailbox, and they will NOT show in the Log system.

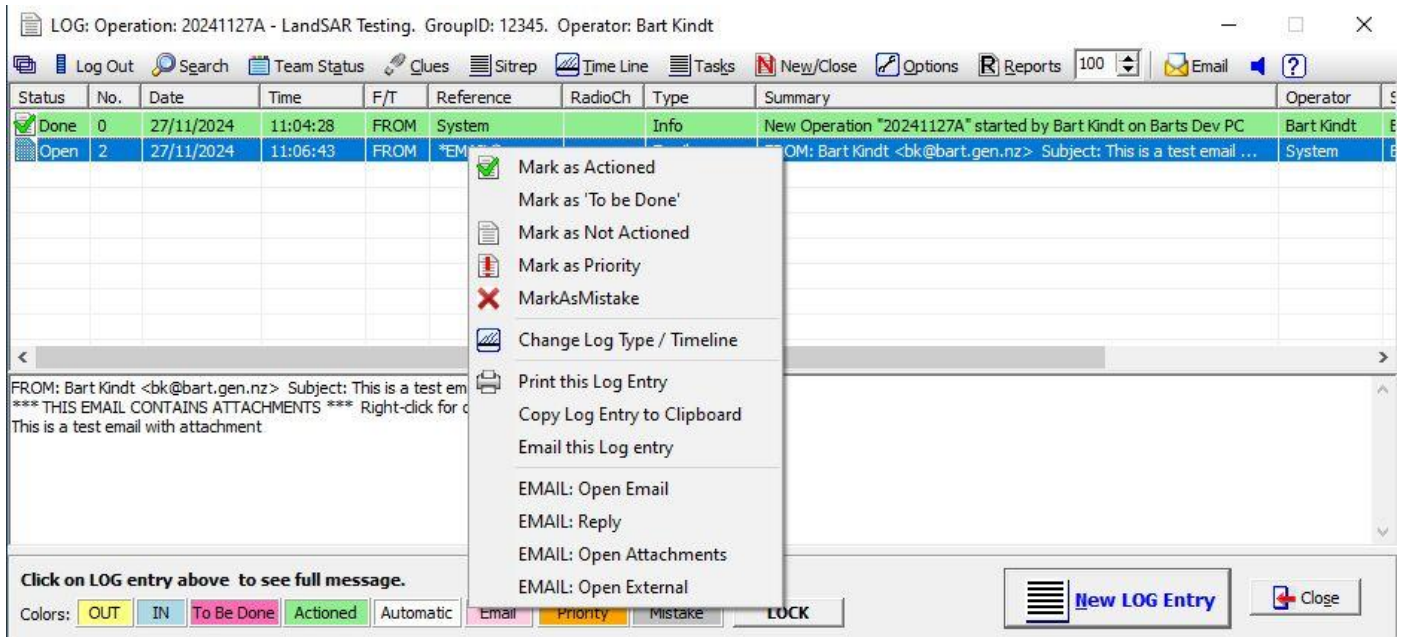
Clicking on the "Write" or "Reply" button will open the 'Send Email' window, see below.



In this window you can select the addresses which are already in the Whitelist, or you can enter a new address. Multiple addresses can be entered. You can also click on the 'Load from Database' button, which will open a window where you can select any email address from the People database.



When in the Log window, emails can directly be opened by right-clicking on the Log entry, and if the email contains attachments these can also be opened directly from here. In addition, the entire email can be opened in the default Windows email program. See image on the next page.



## WINLINK (Amateur Radio users)

SARTrack is now capable of decoding incoming Winlink Forms, that is, when such an email comes in, SARTrack will load the actual HTTP form from the Winlink system, and populate the data from the attached XML file.

**Requirements:** You must have installed the Winlink Express program in its default directory. <https://www.winlink.org/WinlinkExpress>

SARTrack is not able to generate actual Winlink Forms, as there is a lot of internal code involved in the Winlink Express program of which I have no access.

However, SARTrack will in the next update include some New Zealand 'CIMS' based Forms for certain events (Resource Request, Status Report, etc.)

## New Operation Type "AREC Comms"

When a new Operation is started, there is now a selection "LandSAR Operation" or "AREC Comms Operation".

When "AREC Comms" is selected, the SARTrack terminal will behave in a different way.

- Teams are now called **Units** and they can be used without any members in them.
- Clues are now called **Incidents** and they can be entered without Map coordinates.
- 'Missing Person' is removed from the Main Menu.
- The new Log window now has a 'From' and a 'To' entry.
- The Log Entry window has been simplified, and also now requires a 'From' and a 'To' entry to be selected. However, the way this is now done is changed, to be able to quickly select a 'Unit' from a large list of Unit's. This does require a mouse

(and don't forget, SARTrack is designed to be used with an **external mouse!**  
NOT a mousepad)

When the 'From' is marked as a 'Unit', SARTrack will attempt to preload the 'To' field with the IMT. If the IMT does not exist, it will ask you to create one. You can obviously change the 'To' field to any other available 'Unit' later.

The screenshot shows the SARTrack Log Entry Form with a 'Please Select' dialog box open. The form fields include Date (9/10/2024), Time (08:51:52), Log Type (Standard), Incident, From (Unit 12), and To (IMT). The dialog box contains a grid of units for selection.

Please Select		
IMT	To All Units	Unit 0
Unit 1	Unit 10	Unit 11
Unit 12	Unit 13	Unit 14
Unit 15	Unit 16	Unit 17
Unit 18	Unit 19	Unit 2
Unit 20	Unit 21	Unit 22
Unit 23	Unit 24	Unit 25
Unit 26	Unit 27	Unit 28
Unit 29	Unit 3	Unit 30
Unit 31	Unit 32	Unit 33
Unit 34	Unit 35	Unit 36
Unit 37	Unit 38	Unit 39
Unit 4	Unit 40	Unit 5
Unit 6	Unit 7	Unit 8
Unit 9		

Buttons: OK, Cancel, Demo, New

Note: In this Release, you can click the Demo button to generate 40 'Units' to test with.

## Other changes

- All SARTrack clients are now referred to as SARTrack Terminals
- SARTrack Map has all new Icons, which are also bigger, and more easily to see on the Map.

Please try all new features and report any issues.

Download here: [https://www.sartrack.nz/downloads/sartrack\\_inst.exe](https://www.sartrack.nz/downloads/sartrack_inst.exe)

This PDF document can be downloaded here: [https://www.sartrack.nz/docs/SARTrack-1\\_30.pdf](https://www.sartrack.nz/docs/SARTrack-1_30.pdf)

Bart