PolaMail Installation guide For use with LT-3100 and LT-3100S







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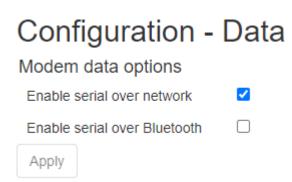
1. Setting up network on the LT-3100S

1. Connect your Computer to the LT-3100S using a LAN cable connected directly between the computer and LT-3100S.



- 2. Turn on the LT-3100S and press Menu System network to look up its IP address
- **3.** On your computer set up a <u>fixed</u> IP address in the same range as the LT-3100S IP address. Preform **Chapter 4 step 1 to 6** on how to set up a fixed IP address.
- Next, open a web browser and type in the IP address of the LT-3100S. Username and Password for accessing the LT-3100S web page are "admin".
- 5. Go to the tab Configurations Data

Enable serial over network and press apply.



6. Go to the tab *Configurations – network*

Under Ethernet interface set the settings as below:

Ethernet interface		
Mode	DHCP server 🗸	
IP address	192.168.1.1	
Netmask	255.255.255.0	
DHCP server range	192.168.1.100	192.168.1.200

- 7. Restart the LT-3100S terminal.
- Now, set your computer back to automatic IP address (DHCP).
 Preform Chapter 4 step 7 how to set up a fixed or automatic IP address
- Go to <u>https://www.polaris-as.dk/polamail/</u>, download the support file *Serial Port Redirector* and install this on your computer in a place/directory of your choice.
 Note: The Serial port redirector requires a license key which is provided sending a request for a license key to <u>Tech@Polaris-as.dk</u> including your Iridium phone number and serial number of the LT-3100 or LT-3100S.
- 10. Run Serial Port Redirector



11. Click the button and select a virtual serial port number from the drop-down list., for example, COM3.

Enter Remote IP which is the IP address of the LT-3100S (this was retrieved in step 2), in this example 192.168.1.1.

TCP-Port should always be set at 5020.

Add Serial Port	×
	Add Client Virtual Port Virtual serial port:
STA	COM3 ~ Advanced
	Remote IP address or computer name: 192.168.1.1
	TCP-port:
	OK Cancel

12. Click **[OK]** to create the virtual serial port.

2. Installing and setting up PolaMail

To run the PolaMail requires a PC with Windows 10 or newer.

- 1. Go to <u>https://www.polaris-as.dk/polamail/</u>, download and install PolaMail for windows.
- 2. Having installed the PolaMail client, below screen will appear.

Enter data in this as follows:

Account: Enter the mail address you want. Note the mail address must end with @polamail.com

Password: Enter a password of your choice.

Display Name: Enter the name that you want displayed (e.g. your real/given name)
SatPhone number: Type in your Iridium satellite phone number (12 digits)
Current Email: Enter your current email address here (email at which you may be reached)
Max Msg Size: Select maximum allowed message size from drop down list.

Note 1: The max. data speed over the Iridium satellite system is 2.4kbs which means that e.g. a 1MB message (incl. attachment) may take up to 7min. to transmit or receive.

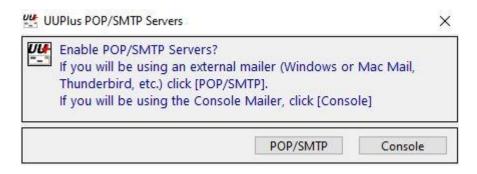
A notification will be send to PolaMail if an incoming message exceeds the limit set. The oversized message will instead be sent to the email address set in the "Current Email" field.

Note 2: This setting sets the max. message size incoming and outgoing in the PolaMail client, irrespective of which network is used for the data exchange, satellite or terrestrial.

UUPlus Setup for:	polamail.com, v6.6.19	×							
Please enter your <polamail.com> account including your Account (username only), Password, Display Name (your real name), your 12 digit Satellite Airtime number, and a non-PolaMail email address to contact you at:</polamail.com>									
Account:									
Password:	(Use a Secure Password Please!)							
Display Name:									
SatPhone Number:									
Contact Email:									
Max Msg Size:	50k ~								
	Check for Internet on Startup.								
	Cancel Ok								

3. Click [Ok]

4. In the UUPlus POP/SMPT Servers window coming up, click [Console]



5. Press yes to request your new account

PolaMail Request New Account X								
Would you like to request your new account now?								
	Yes No							

6. The PolaMail client will now start and display as below.

Edit Folders Settings Message Composer Logs Help	x
	X
Connect: VPN LAN Vew Message Utilities Logs Queue Setup	
Folders: Qty: < Del Reply Reply All Forward Admin Fwd Flag Search Print	
Received 0 No messages in Received	ize:
Sent 1 Draft 0	
Trash 0	
Archive 0 Outbox 0	
Attachments 0 Raw Plain Text Brws Find Thread Spam	Dir
▲ 12:00:39 Last Called: 59 Minutes ago	2

7. Click the [Settings] tab in the PolaMail client and select [Setup]

Set	tings Message Compos	er Lo
	Setup Connecting Settings Fetch Settings Address Book	
~	Empty Trash on Exit Auto Extract Attachments	
	Edit 'Ok List' Edit Allowed Attachments	
	Display Settings Date Settings	> >
	Use Large Buttons	
	Debug Mode Admin Mode	
	IP Network Speed	>
	Quit	

In Setup-screen select [Connecting] tab and choose 64.4.141.247:5540 in the drop down field [Dial].

Click [Save Changes] and the PolaMail client has now been setup.

UUPlus Personal Setup (Account not yet Approved)								
Settings Connecting	etching	Events	Misc		? Sa	ve Changes		
Add New Location	Location:	VPN LAN						
VPN LAN	Modem:	+UUPlus	VPN Se	cure IP Conne	ection	Edit		
Co	nnect Size:	no limit	~ [Interactive	Send M	sgs Immediately		
	[Always 9	Send Larg	ge Messages.				
	All M	lessages S	ent and R	Received				
	Dial:	64.4.141	1.247:5	540 🗸 (64.4.1	141.247:5540)			
	DUN Entry:	auto uuplus.r uuplus.r				DUN Settings		
Del		64.4.141 64.4.141	.247:5	110 -	3 @ 60	Sec.		
		Ti	ime Betwe	een Auto Calls:	60 Sec.			
Use Calling Priority								

3. Adding LT-3100S to PolaMail

1. In the PolaMail setup screen [Connecting] tab click [Add New Location]

CONTRACTOR PROVIDENCES	nal Pro Setup, Sr	10.10003013				/41 /2	
Settings	Connecting	Fetching	Events	Misc		?	Close
Add New I	ocation	Location:	VPN LAN	l)		Signal/SMS	Monitor
N LAN		Modem:	+UUPlus	VPN Sect	ire IP Con	nection	Edit
		Connect Size:	no limit	~ 🗆	Interactive	Send	Msgs Immediate
			Always	Send Large	Messages.		
		All	Messages S	Sent and Re	ceived		
		Dial:	64.4.14	1.247:55	40 🗸 (64.4	.141.247:554	0)
		DUN Entry:	LAN		~		DUN Settings
			Enable	Pass-Throu	gh Login for t	his Location	
el							
			Redial S	Settinas			
					edial Retries:	3 @ 60	Sec.
			Т	ime Betwee	n Auto Calls:	60 Sec	

 In the "Select Modem" window coming up enter information as indicated below: Modem Type: +Iridium Satellite Phone (RUDICS)

Serial Port: Choose the serial port you have created at Serial Port Redirector (page 4), in this example COM3.

Select Moder	m:	×
Modem Type:	+Iridium Satellite Phone (RUDICS) V Install	Cancel
Serial Port:	COM3 V Port Speed: 19200 V	
Command:	ATI ~ Send Find Modem	
Select the	Port to use.	

3. Click [install].

For the Iridium Satellite modem it is recommended to set the Connect Size (this is for incoming messages only) to the same value as set in chapter 2, step 2. Select from the dropdown list.
 Note: The overall limit set in chapter 2, step 2 takes precedence over this setting

👑 UUPlus Personal Pro Setup,	UUPlus Personal Pro Setup, SnID: K6065015 ×							
Settings Connecting	Fetching	Events	Misc		?	Close		
Add New Location	Location:	Iridium		lite S				
Iridium Satellite	Modem:	no limit	[Interactive		Send Msgs Immediately		
		Always	Send Lar	ge Messages.				
	All	Messages S	Sent and	Received				
	Dial:	?		~ (?)				
Del		Enable	Pass-Thro	ough Login for th	nis Lo	ocation		
Use Calling Priority		Redial S	2	Redial Retries: [reen Auto Calls: [3	@ 60 Sec. Sec.		

- 5. Click [Save change] followed by clicking [Close].
- 6. You are now ready to use PolaMail through your LT-3100S.

4. How to set a fixed or automatic (DHCP) IP address

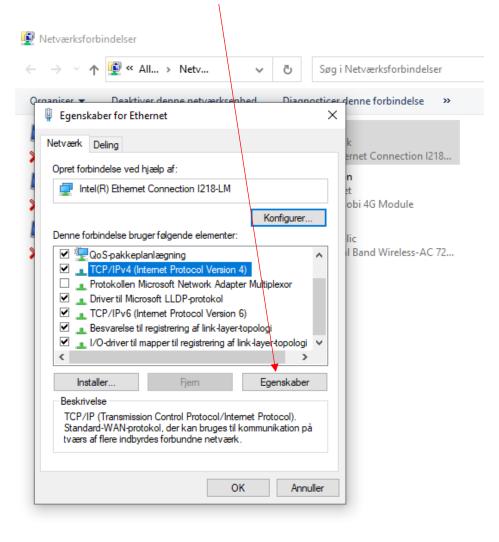
- 1. Go to Control panel at your computer
- 2. Click [Network and internet]
- 3. Click [Change adapter settings]

V	met > Network and Sharing Center	~ 0	Latin a state of				
Vi		 ♥ ♥ Search Control Panel 					
Control Panel Home	ew your basic network information and	l set up conr	ections				
Change adapter settings	w your active networks						
Change advanced sharing settings	Public network	Access type Connection					
0	ange your networking settings						
	Set up a new connection or network Set up a broadband, dial-up, or VPN connect	ction; or set up a	router or access point.				
	Troubleshoot problems Diagnose and repair network problems, or g	ut troubleshoot	na information				
	enignose and repair receiver processing, or g	na noositanoos	ing monthered is				
See also							
HomeGroup							
Internet Options							
Windows Firewall							

4. Right click [Ethernet] icon and select [Properties] in window coming up.

Organize • Connect To Disable this network device Diagnose this connection >> Image: Connect of the connection Not connected Bluetooth Device (Personal Area) Image: Connect of the connection Image: Connect of the connect o	
Not connected Bluetooth Device (Personal Area Network cable unplugged Realtek PCIe FE Family Controller Disable Connect / Disconnect Status Diagnose Bindge Connections Create Shortcut Create Shortcut Create Shortcut Create Shortcut	
Create Shortcut Delete Rename	
S Delete Rename	
Properties	

5. Select TCP/IPv4 and press [Properties] (Egenskaber)



6 elementer | 1 element er valgt

6. Select [Use the following IP address] option and enter an IP address in the same range as the LT-3100S.

For example, if the LT-3100S has IP address 192.168.0.1 set your settings as follows:

IP address: 192.168.1.2

Subnet Mask: 255.255.255.0

Default gateway: 192.168.1.1

nternet H	Protocol Version 4 (TCP/IPv4	4) Properties	×
General	Alternate Configuration		
this cap		omatically if your network suppor to ask your network administrato	
	otain an IP address automatica	ally	
OUs	se the following IP address:		
IP address:		192.168.1.2	
Subnet mask:		255 . 255 . 255 . 0	
Defa	ult gateway:	192.168.1.1	
00	btain DNS server address auto	matically	
OUs	se the following DNS server ad	dresses:	
Prefe	erred DNS server:	8.8.8.8	
Alter	nate DNS server:	8 . 8 . 4 . 4	
٦v	alidate settings upon exit	Advanced.	
		OK Car	ncel

Press [OK].

7. To change back to automatic IP address, click [Obtain an IP address automatically] chapter 4 step 6.