How to install, setup, and start SMTP mailer service

(Once installed this service will restart automatically on reboot)

While Iridium is the name of this Mailer Service, this service is an SMTP service that can configure an Internet connection via Iridium modem or LAN connection.

Step I. Installing SMTP mailer service

Open a MS-DOS command prompt. Go to Windows *start* menu (located at the very lower-left corner of your computer's desktop) then move your mouse to the right column of commands and select **Run...** as shown.

Then if you are using Windows XP or Windows 7, type **cmd** into the Run dialog box and click **OK**.

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-	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
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Mozilla Firefox: F-mail Mozilla Thunderbird View W5_FTP 12 License Microsoft Visual C++ 6.0 Microsoft Visual Studio 2008 Microsoft Word Microsoft Word Paint AMVERSEAS	My Documents My Recent Documents My Pictures My Music My Computer My Network Places Control Panel Set Program Access and Defaults Connect To Printers and Faxes My Help and Support
All Programs	/=

This will get you the command prompt.



Insure that the Iridium.exe is found. Most likely this path will be C:\Program SEAS 9\Met.

Select C:\WINDOWS\system32\cmd.exe _ 🗆 🗙 Microsoft Windows XP [Version 5.1.2600] (C) Copyright 1985-2001 Microsoft Corp. C:\Documents and Settings\Caridad.I.Gonzalez>cd .. C:\Documents and Settings>cd .. C:\>cd seas 9 C:∖SEAS 9>cd met C:\SEAS 9\Met>dir Volume in drive C is OS Volume Serial Number is 9ADD-FFB5 Directory of C:\SEAS 9\Met <DIR> <DIR> 07:00 12/16/2011 ΡM PM PM 16/2011 07:00 AutoImetDataLogger.exe AutoImetDataLogger.ini /09/2011 Ø7:58 762,368 ΡM ,286 2011 ErrorMessages.ini Help **Й1**1 278PM <DIR> <DIR> ΡM /2011 16 Html 16/2011 ΡM 147,456 Iridium.exe 16,184 MetCodeTables.ini 181,568 MetObservationsLogger.exe 5,430 MetObservationsLogger.ico 2,134 MetObservationsLogger.ini 01/2009 \mathbf{PM} Q1 1 ΡM /2010 16 02:36 ΡM 2011 PM 3,005 README.TXT 4,130,709 bytes 206,730,682,368 bytes free 12/16/2011 Йб ΡM File(s) Dir(s) C:\SEAS 9\Met> €. ۲

If not, you can navigate to here in the DOS window, use windows explorer to copy **iridium.exe** to the **C**:\ directory and execute from there.

Commands

- To transmit using Iridium modem type Iridium.exe -i
- To transmit using computer Internet connection type Iridium.exe -i -lan

C:\WINDOWS\system32\cmd.exe	- 🗆 ×
C:\SEAS 9\Met>Iridium.exe -i -lan	_
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Then hit **Enter** to execute this command. Executing this command installs the emailer as a Windows service. The command will create the directory path **C:\Program Files\AMVERSEAS\Iridium\bin** and copy the executable to that location. Please be sure that you see **C:\Program Files\AMVERSEAS\Iridium\bin\iridium.exe**. If not run **iridium -u** to uninstall and then reinstall by retyping the command **iridium ave** is on the **iridium ave** is long as

iridium.exe -i or the **iridium.exe** -i -lan as specified above.

Step II. Setup SMTP mailer service to run automatically

Launch the Control panel. Go to Windows *start* menu (located at the very lower-left corner of your computer's desktop) then move your mouse to the right column of commands and select **Control Panel** as shown above. At the Control Panel window select **Administrative Tools**.



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Control Panel 🛞	Accessibility Options	Adjust your computer settings for vision, hearing, and mobility.		
Switch to Category View	Add or Remove Programs	Install or remove programs and Windows components. Configure administrative settings for your computer.		
See Also 🙁	Automatic Updates CinePlayer DVD Decoder Options	Set up Windows to automatically deliver important updates Changes settings for your CinePlayer DVD decoders		
 Windows Update Help and Support 	Date and Time	Set the date, time, and time zone for your computer. Launch Dell ControlPoint		
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At the screen Administrative Tools select Services.

No. Administrative Tools					
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The Services window appears.

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	NOAA SEAS Iridium Mailer	Name /	Description	Status	Startup Type	Log On As	~
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Be sure that only one Iridium Mailer Service is up.

You should not see any other service named NOAA SEAS Mailer or NOAA SEAS Iridium Mailer.

Double click the service **NOAA SEAS Iridium Mailer**. The **Iridium Mailer Properties** dialog box appears.

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Service name:	NOAA SEAS Iridiur	m Mailer	
Display name:	NOAA SEAS Iridiu	m Mailer	
Description:			× >
Path to executabl	e:		
c:\Program Files\	AMVERSEAS(Iridium	\bin\lridium.exe	
Startup type:	Manual		*
Service status:	Stopped		
Start	Stop	Pause	Resume
You can specify t here.	he start parameters th	at apply when you sta	art the service from
Start parameters:			

Change the **Startup type** to **Automatic**.

Step III. Starting SMTP mailer service

Click **Start** button. The Service will now monitor the directory **C:\Program Files\AMVERSEAS\Iridium\queue** once per minute and send any deliverable files through e-mail.

If the call does not complete, a retry will occur 6 minutes after the initial try and if there is another failure a retry will occur 11 minutes after the first retry. If the second retry fails, there will be a 12-hour wait before another attempt unless the service is restarted.

In order stop this service double click on service to **Stop**. This will need to be done if the **AMVERSEAS** folder is moved or renamed. Please restart service when ready.

Uninstalling previous Iridium Mailer Service

If a previous version of Iridium Mailer Service is on the computer, the older version of Iridium.exe must be uninstalled.

Open a DOS window pressing the Windows Start button to bring up the start menu and select **Run**.

The **Run** dialog box appears.

Run	?×
-	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
Open:	zmd 💌
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Type **cmd** and click **OK**. This will get you to a command prompt.

The command to be typed into the DOS window is:

Iridium.exe –u

in the C:\SEAS 9\Met.



Insure that there is no NOAA SEAS Iridium Mailer service on the computer.

Press the Windows Start button to bring up the start menu and select Control Panel

At the **Control Panel** window select **Administrative Tools**.



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Control Panel 🛞	Accessibility Options	Adjust your computer settings for vision, hearing, and mobility. Installs and troubleshoots hardware
Switch to Category View	Add or Remove Programs	Install or remove programs and Windows components. Configure administrative settings for your computer.
See Also 🔕	CinePlayer DVD Decoder Options	Changes settings for your CinePlayer DVD decoders
 Windows Update Help and Support 	Date and Time Dell ControlPoint Display Folder Options	Set the date, time, and time zone for your computer. Launch Dell ControlPoint Change the appearance of your desktop, such as the background Customize the display of files and folders, change file association:
	Game Controllers	Add, remove, and configure game controller hardware such as jo

At the screen Administrative Tools select Services.

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E Ronama this file	📕 Computer Management	2 KB	Shortcut	4/25/2008 9:29 PM	
	Data Sources (ODBC)	2 KB	Shortcut	4/25/2008 9:29 PM	
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🔗 E-mail this file	📲 🌆 Microsoft .NET Framework 1	2 KB	Shortcut	4/25/2008 9:34 PM	
🗙 Delete this file	Microsoft .NET Framework 1	2 KB	Shortcut	4/25/2008 9:34 PM	
	Performance	2 KB	Shortcut	4/25/2008 9:29 PM	
	Services	2 KB	Shortcut	9/30/2009 3:59 PM	
Other Places 🙁					
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The **Service** window appears.



You should not see any service named NOAA SEAS Mailer or NOAA SEAS Iridium Mailer.

If the NOAA Iridium Mailer service is still there it means that you did not uninstall the version of Iridium.exe that goes with the NOAA mailer service that you have. Double-Click the service NOAA Iridium Mailer and look at the **Path to executable**. Go to that path with you DOS window and again do **Iridium.exe -u**.

Make sure to refresh Services window to account for changes. The previous Iridium mailer must be removed.