



Setup for SMS & Remote Data Connection on Cobham UNITS

This guide will show you how to set up the satellite terminal to allow it to receive SMS commands as well as how to start and stop a data connection via SMS. The guide applies to Explorer 300,325, 500, 700, 727, Sailor 150, 250, and 500.

1. Log into the satellite terminal web interface by browsing to 192.168.0.1 from the PC connected to the satellite terminal. The following screen will open:

The screenshot shows the Cobham satellite terminal web interface. At the top right is the 'COBHAM' logo. Below it is a 'SIGNAL:' indicator with five bars. A left-hand navigation menu includes: DASHBOARD, CONNECT, PHONE BOOK, MESSAGES, CALLS, SETTINGS, ADMINISTRATION, HELPDESK, and SITE MAP. The main content area is divided into three columns:

- PROPERTIES**: A list of system parameters including Airtime provider (Network Innovations), GPS position (Acquired), Status (Searching), Satellite selection (Auto), Current satellite (Americas (elevation: 53°)), Unit serial number (09435311), Software version (1.19, build 5), Local IP address (192.168.0.1), IMEI number (35162402-006339-4), and Antenna status (Sky scan).
- SESSIONS TOTAL**: A table showing usage statistics:

Standard voice inbound	00:00:16
Standard voice outbound	00:07:44
3.1 kHz audio inbound	00:00:00
3.1 kHz audio outbound	00:00:00
Standard data	14.06 MB
Streaming 8 kbps	00:00:00
Streaming 16 kbps	00:00:00
Streaming 32 kbps	00:00:00
Streaming 64 kbps	00:00:00
Streaming 128 kbps	00:00:00
- ONGOING DATA SESSIONS**: (No active data sessions)
- ONGOING CALLS**: (No active calls)

At the bottom, there is a section for 'PROFILES ON LAN (DEFAULT GROUP)' with a link for 'Start Standard' and a 'Refresh' button.



2. Click on ADMINISTRATION on the left hand side of the page.

SIGNAL: ■■■■■□□□

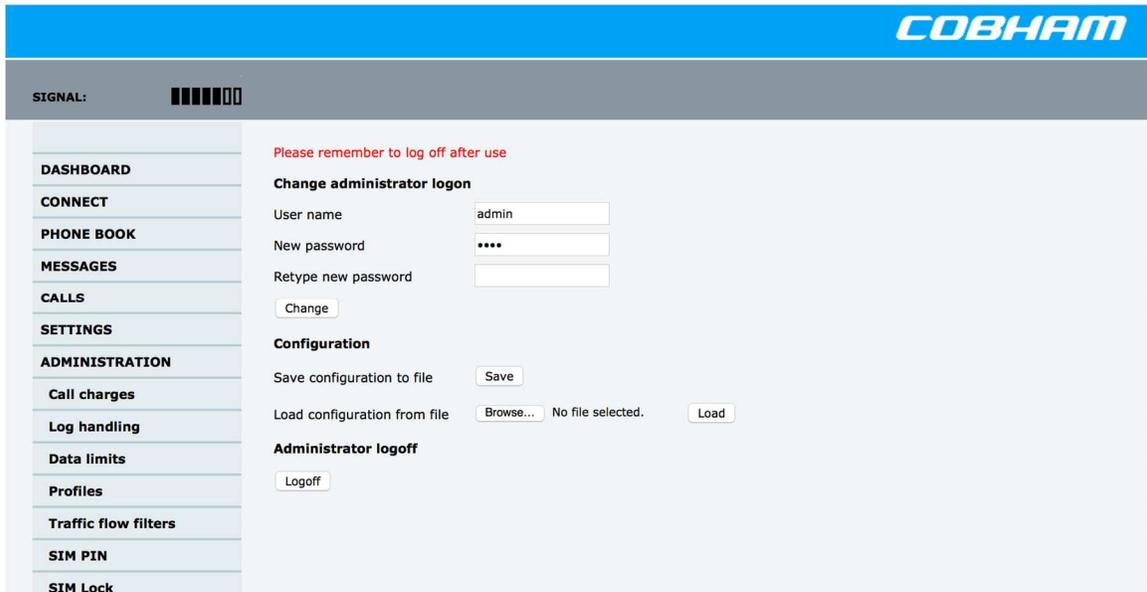
DASHBOARD	PROPERTIES
CONNECT	Airtime provider Network Innovations
PHONE BOOK	GPS position Acquired
MESSAGES	Status Searching
CALLS	Satellite selection Auto
SETTINGS	Current satellite Americas (elevation: 53°)
ADMINISTRATION	Unit serial number 09435311
HELPDESK	Software version 1.19, build 5
SITE MAP	Local IP address 192.168.0.1



3. The ADMINISTRATOR LOGON section will appear and you will need to input the Username and Password. (Default Username: admin / Password: 1234)

The screenshot shows a web interface with a blue header bar at the top. Below the header is a grey bar containing the text "SIGNAL:" followed by a signal strength indicator consisting of seven vertical bars of varying heights. On the left side, there is a vertical navigation menu with the following items: DASHBOARD, CONNECT, PHONE BOOK, MESSAGES, CALLS, SETTINGS, ADMINISTRATION, HELPDESK, and SITE MAP. The main content area on the right has a red heading that reads "Please enter administrator user name and password". Below this heading is the section title "ADMINISTRATOR LOGON". There are two input fields: "User name:" with the text "admin" entered, and "Password:" with four dots representing a masked password. Both input fields are enclosed in a red rectangular box. Below the input fields are two buttons: "Logon" and "Cancel". At the bottom of the main content area, there is a blue hyperlink that reads "Forgot administrator password?".

4. Once you click the “Logon” you will see this screen:



The screenshot displays the COBHAM administrator interface. At the top right, the 'COBHAM' logo is visible. Below it, a 'SIGNAL:' indicator shows a signal strength bar. The main content area is divided into a left sidebar and a main panel. The sidebar lists various menu items: DASHBOARD, CONNECT, PHONE BOOK, MESSAGES, CALLS, SETTINGS, ADMINISTRATION, Call charges, Log handling, Data limits, Profiles, Traffic flow filters, SIM PIN, and SIM Lock. The main panel contains the 'Change administrator logon' form, which includes a warning message: 'Please remember to log off after use'. The form fields are: 'User name' (containing 'admin'), 'New password' (masked with '****'), and 'Retype new password' (empty). A 'Change' button is located below the password fields. Below the form, there is a 'Configuration' section with a 'Save configuration to file' button (containing 'Save') and a 'Load configuration from file' section with a 'Browse...' button, the text 'No file selected.', and a 'Load' button. At the bottom of the main panel, there is an 'Administrator logoff' section with a 'Logoff' button.

5. Click on Remote activation

SIGNAL: 

DASHBOARD

CONNECT

PHONE BOOK

MESSAGES

CALLS

SETTINGS

ADMINISTRATION

Call charges

Log handling

Data limits

Profiles

Traffic flow filters

SIM PIN

SIM Lock

User permissions

Remote management

Link monitoring

Remote activation

Restricted dialing

Please remember to log off after use

Change administrator logon

User name

New password

Retype new password

Configuration

Save configuration to file

Load configuration from file No file selected.

Administrator logoff



6. When the REMOTE ACTIVATION screen appears you must do the following:

4. A Enable Remote activation of data sessions
5. B Enable Send confirmation. (This allows satellite terminal to send a reply text on whether or not the data connection was successful.)

C D E

Enter a Password. You may use the following characters 0-9, a-z, and A-Z. Input at least one phone number that terminal will accept commands from.

Click on Apply.

SIGNAL: ■■■■■■

DASHBOARD

CONNECT

PHONE BOOK

MESSAGES

CALLS

SETTINGS

ADMINISTRATION

Call charges

Log handling

Data limits

Profiles

Traffic flow filters

SIM PIN

SIM Lock

User permissions

REMOTE ACTIVATION

Remote activation of data sessions Enabled Disabled

Send confirmation Enabled Disabled

Password

TRUSTED NUMBERS

Number

Number

Number

Number

Number

You are now ready to send a remote SMS activation. *Please note that the Terminal must be powered on and registered to the network before it will accept a command via SMS.*

6. Send the SMS commands to the phone number associated with the SIM within the terminal. The “4321” number at the end of the command is the Password entered in the remote activation details. The commands are not case sensitive but must include spaces where applicable. For Explorer 325, 727, Sailor 150, 250, and 500 the commands are as follows: To start a data connection type in: Activate Default group:Standard 4321
 Note: Once SMS is sent DASHBOARD PROPERTIES Status will show: Data Active ☑To stop a data connection type in: ☑Deactivate Default group:Standard 4321 ☐ Note: Once SMS is sent DASHBOARD PROPERTIES Status will show: Ready ☑For Explorer 300, 500, and 700 the commands are as follows: To start a data connection type in: ☑Activate Standard 4321 ☑To

stop a data connection type in: Deactivate Standard 4321

7. You should receive a reply SMS on the device sending the command regardless if the data registered successfully or not. Here is an example of a successful reply: Activate Ok. IP Address: 123.4.56.789

This serves as confirmation that the satellite terminal is now ready for data.