



Xeos

Technologies Inc.

XeosOnline User Manual

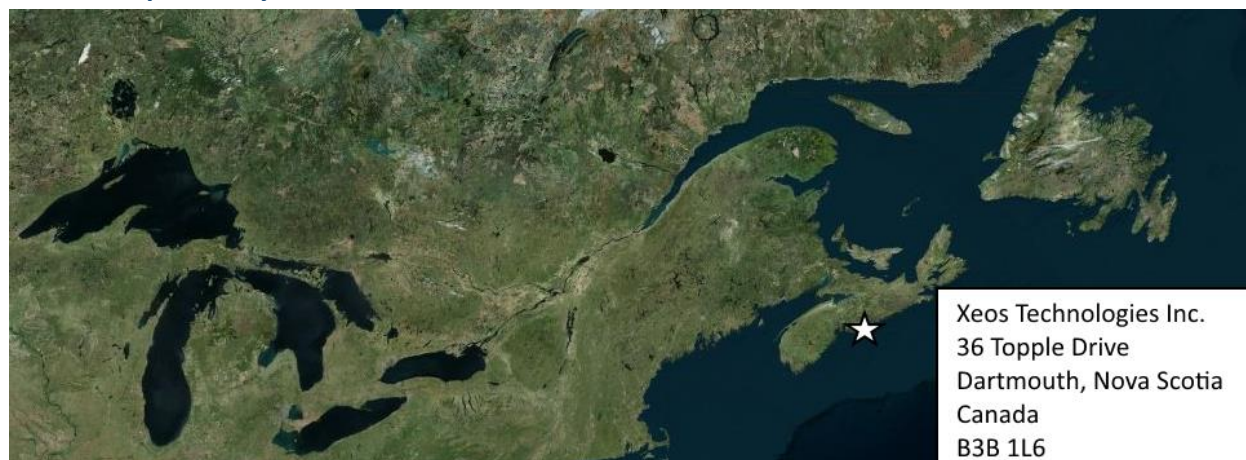
WEB-BASED MONITORING SOFTWARE



Copyright (c) 2016 Xeos Technologies Inc. (2018-01-08 14:01 - V1.0_RC-1) Thu Feb 15 2018 21:24:50 GMT-0400 (AST) [Fri, 16 Feb 2018 01:24:50 GMT]

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Developed By



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Version History

Version No.	Date	Description
4.0	February 2018	Format overhaul for new iteration of site
4.1	April 2018	Added new map option and Manuals button
4.2	January 2019	Reflect various site changes
5.0	January 2020	Overhaul to reflect site changes
5.1	February 2020	Overview expanded
5.2	November 2020	Changes to RUDICS section

Regular checks for the latest manual are suggested. Be sure to check [Xeos Technologies' manuals page](#) to compare versions and download the latest version.

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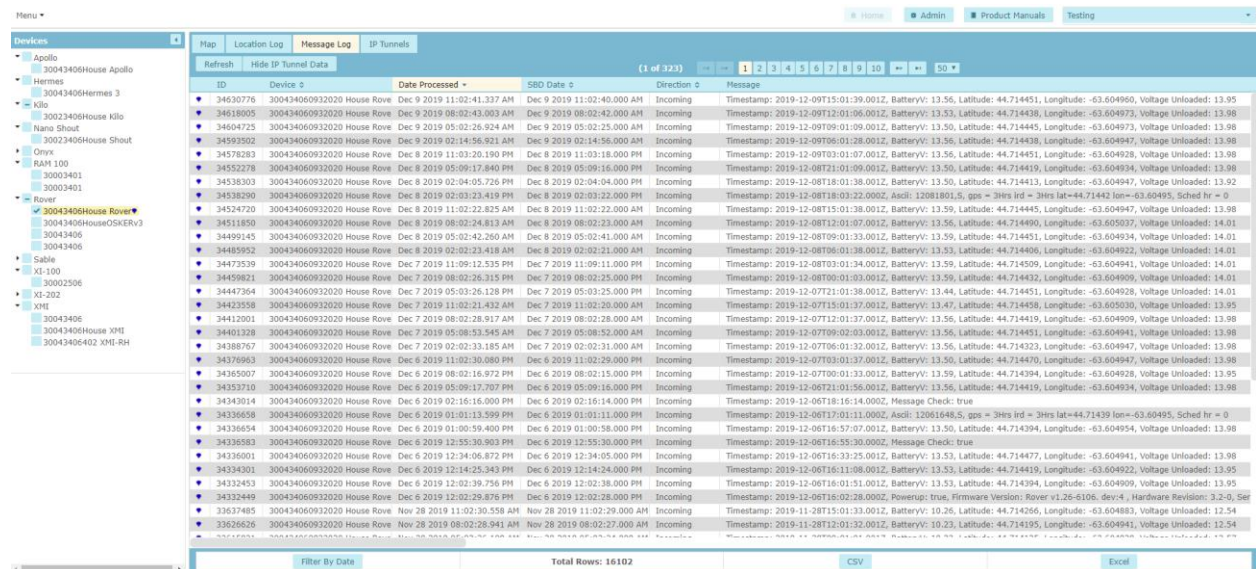
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Overview

XeosOnline™ is a web-based application that streamlines and facilitates the management of Iridium and cellular devices, and can be used to track, monitor and configure Xeos devices remotely.

Users of XeosOnline are given a select space to house devices within which to command and control. Data from these devices can be viewed in part or whole in this space. Using XeosOnline's forwarder system, select members of groups (Organization Administrators) can create mailing lists to distribute all, or a subset of data to individuals, regardless of the recipient.

XeosOnline also has the added benefit of organizing device data for real-time analysis and export, as well as the ability to apply that data to an easy-to-use map system, where applicable, to visualize current environments and predict future positions of objects in motion.



The screenshot displays the XeosOnline interface with a navigation menu on the left and a main data table. The table lists various devices under categories like Apollo, Hermes, Kilo, Namt, Onyx, RAM 100, Rover, Saible, and XH1. The table columns include ID, Device, Date Processed, SBD Date, Direction, and Message. The interface also features a 'Filter By Date' button, a 'Total Rows: 16102' indicator, and 'CSV' and 'Excel' export options.

ID	Device	Date Processed	SBD Date	Direction	Message
34630776	300434060932020 House Rover	Dec 9 2019 11:02:41.337 AM	Dec 9 2019 11:02:40.000 AM	Incoming	Timestamp: 2019-12-09T11:01:39.001Z, Battery: 13.56, Latitude: 44.714451, Longitude: -63.604960, Voltage Unloaded: 13.95
34630870	300434060932020 House Rover	Dec 9 2019 08:02:43.003 AM	Dec 9 2019 08:02:42.000 AM	Incoming	Timestamp: 2019-12-09T08:01:05.001Z, Battery: 13.53, Latitude: 44.714438, Longitude: -63.604973, Voltage Unloaded: 13.98
34604725	300434060932020 House Rover	Dec 9 2019 05:02:26.924 AM	Dec 9 2019 05:02:25.000 AM	Incoming	Timestamp: 2019-12-09T05:01:09.001Z, Battery: 13.50, Latitude: 44.714445, Longitude: -63.604973, Voltage Unloaded: 13.98
34593502	300434060932020 House Rover	Dec 9 2019 02:14:56.921 AM	Dec 9 2019 02:14:56.000 AM	Incoming	Timestamp: 2019-12-09T02:14:28.001Z, Battery: 13.56, Latitude: 44.714438, Longitude: -63.604947, Voltage Unloaded: 13.98
34578283	300434060932020 House Rover	Dec 8 2019 11:03:20.190 PM	Dec 8 2019 11:03:18.000 PM	Incoming	Timestamp: 2019-12-09T03:01:07.001Z, Battery: 13.56, Latitude: 44.714451, Longitude: -63.604928, Voltage Unloaded: 13.98
34552278	300434060932020 House Rover	Dec 8 2019 05:09:17.840 PM	Dec 8 2019 05:09:16.000 PM	Incoming	Timestamp: 2019-12-09T03:01:09.001Z, Battery: 13.50, Latitude: 44.714419, Longitude: -63.604934, Voltage Unloaded: 13.98
34538303	300434060932020 House Rover	Dec 8 2019 02:04:05.726 PM	Dec 8 2019 02:04:04.000 PM	Incoming	Timestamp: 2019-12-08T18:01:38.001Z, Battery: 13.50, Latitude: 44.714413, Longitude: -63.604947, Voltage Unloaded: 13.92
34538290	300434060932020 House Rover	Dec 8 2019 02:03:23.419 PM	Dec 8 2019 02:03:22.000 PM	Incoming	Timestamp: 2019-12-08T18:03:22.000Z, Ascii: 12081801.5, ops = 3hrs lat = 3hrs lat=44.71442= -63.60495, Sched hr = 0
34534720	300434060932020 House Rover	Dec 8 2019 11:02:22.825 AM	Dec 8 2019 11:02:22.000 AM	Incoming	Timestamp: 2019-12-08T15:01:38.001Z, Battery: 13.59, Latitude: 44.714448, Longitude: -63.604947, Voltage Unloaded: 13.98
34511850	300434060932020 House Rover	Dec 8 2019 08:02:24.813 AM	Dec 8 2019 08:02:23.000 AM	Incoming	Timestamp: 2019-12-08T12:01:07.001Z, Battery: 13.56, Latitude: 44.714480, Longitude: -63.605037, Voltage Unloaded: 14.01
34499145	300434060932020 House Rover	Dec 8 2019 05:02:42.260 AM	Dec 8 2019 05:02:41.000 AM	Incoming	Timestamp: 2019-12-08T09:01:33.001Z, Battery: 13.59, Latitude: 44.714451, Longitude: -63.604934, Voltage Unloaded: 14.01
34485952	300434060932020 House Rover	Dec 8 2019 02:02:23.418 AM	Dec 8 2019 02:02:21.000 AM	Incoming	Timestamp: 2019-12-08T06:01:38.001Z, Battery: 13.53, Latitude: 44.714406, Longitude: -63.604922, Voltage Unloaded: 14.01
34473539	300434060932020 House Rover	Dec 7 2019 11:09:12.535 PM	Dec 7 2019 11:09:11.000 PM	Incoming	Timestamp: 2019-12-08T03:01:34.001Z, Battery: 13.59, Latitude: 44.714509, Longitude: -63.604941, Voltage Unloaded: 14.01
34459821	300434060932020 House Rover	Dec 7 2019 08:02:26.315 PM	Dec 7 2019 08:02:25.000 PM	Incoming	Timestamp: 2019-12-08T00:01:03.001Z, Battery: 13.59, Latitude: 44.714432, Longitude: -63.604909, Voltage Unloaded: 14.01
34447364	300434060932020 House Rover	Dec 7 2019 05:03:26.128 PM	Dec 7 2019 05:03:25.000 PM	Incoming	Timestamp: 2019-12-07T21:01:38.001Z, Battery: 13.44, Latitude: 44.714451, Longitude: -63.604928, Voltage Unloaded: 14.01
34423558	300434060932020 House Rover	Dec 7 2019 11:02:21.432 AM	Dec 7 2019 11:02:20.000 AM	Incoming	Timestamp: 2019-12-07T15:01:37.001Z, Battery: 13.47, Latitude: 44.714458, Longitude: -63.605030, Voltage Unloaded: 13.95
34412001	300434060932020 House Rover	Dec 7 2019 08:02:28.917 AM	Dec 7 2019 08:02:28.000 AM	Incoming	Timestamp: 2019-12-07T12:01:37.001Z, Battery: 13.56, Latitude: 44.714419, Longitude: -63.604909, Voltage Unloaded: 13.98
34401328	300434060932020 House Rover	Dec 7 2019 05:08:53.545 AM	Dec 7 2019 05:08:52.000 AM	Incoming	Timestamp: 2019-12-07T09:02:03.001Z, Battery: 13.56, Latitude: 44.714451, Longitude: -63.604941, Voltage Unloaded: 13.98
34388767	300434060932020 House Rover	Dec 7 2019 02:02:33.185 AM	Dec 7 2019 02:02:31.000 AM	Incoming	Timestamp: 2019-12-07T06:01:32.001Z, Battery: 13.56, Latitude: 44.714323, Longitude: -63.604947, Voltage Unloaded: 13.98
34376963	300434060932020 House Rover	Dec 6 2019 11:02:30.080 PM	Dec 6 2019 11:02:29.000 PM	Incoming	Timestamp: 2019-12-07T03:01:37.001Z, Battery: 13.50, Latitude: 44.714470, Longitude: -63.604947, Voltage Unloaded: 13.98
34365007	300434060932020 House Rover	Dec 6 2019 08:02:16.972 PM	Dec 6 2019 08:02:15.000 PM	Incoming	Timestamp: 2019-12-07T00:01:33.001Z, Battery: 13.59, Latitude: 44.714394, Longitude: -63.604928, Voltage Unloaded: 13.95
34353710	300434060932020 House Rover	Dec 6 2019 05:09:17.707 PM	Dec 6 2019 05:09:16.000 PM	Incoming	Timestamp: 2019-12-06T21:01:56.001Z, Battery: 13.56, Latitude: 44.714419, Longitude: -63.604934, Voltage Unloaded: 13.98
34342014	300434060932020 House Rover	Dec 6 2019 02:16:16.000 PM	Dec 6 2019 02:16:14.000 PM	Incoming	Timestamp: 2019-12-06T18:16:14.000Z, Message Check: true
34336658	300434060932020 House Rover	Dec 6 2019 01:01:13.599 PM	Dec 6 2019 01:01:11.000 PM	Incoming	Timestamp: 2019-12-06T17:01:11.000Z, Ascii: 12061648.S, ops = 3hrs lat = 3hrs lat=44.71439 lon=-63.60495, Sched hr = 0
34336654	300434060932020 House Rover	Dec 6 2019 01:00:59.400 PM	Dec 6 2019 01:00:58.000 PM	Incoming	Timestamp: 2019-12-06T16:57:07.001Z, Battery: 13.50, Latitude: 44.714394, Longitude: -63.604954, Voltage Unloaded: 13.98
34336583	300434060932020 House Rover	Dec 6 2019 12:55:30.903 PM	Dec 6 2019 12:55:30.000 PM	Incoming	Timestamp: 2019-12-06T16:55:30.000Z, Message Check: true
34336001	300434060932020 House Rover	Dec 6 2019 12:34:06.872 PM	Dec 6 2019 12:34:05.000 PM	Incoming	Timestamp: 2019-12-06T16:33:25.001Z, Battery: 13.53, Latitude: 44.714477, Longitude: -63.604941, Voltage Unloaded: 13.98
34334301	300434060932020 House Rover	Dec 6 2019 12:14:25.343 PM	Dec 6 2019 12:14:24.000 PM	Incoming	Timestamp: 2019-12-06T16:11:08.001Z, Battery: 13.53, Latitude: 44.714419, Longitude: -63.604922, Voltage Unloaded: 13.95
34332453	300434060932020 House Rover	Dec 6 2019 12:02:39.756 PM	Dec 6 2019 12:02:38.000 PM	Incoming	Timestamp: 2019-12-06T16:01:51.001Z, Battery: 13.53, Latitude: 44.714394, Longitude: -63.604909, Voltage Unloaded: 13.95
34332449	300434060932020 House Rover	Dec 6 2019 12:02:29.876 PM	Dec 6 2019 12:02:28.000 PM	Incoming	Timestamp: 2019-12-06T16:02:28.000Z, Firmware: true, Firmware Version: Rover v1.28-6106, Serv: 4, Hardware Revision: 3.2.0, See
33627485	300434060932020 House Rover	Nov 28 2019 11:02:29.958 AM	Nov 28 2019 11:02:29.000 AM	Incoming	Timestamp: 2019-11-28T15:01:33.001Z, Battery: 10.26, Latitude: 44.714266, Longitude: -63.604883, Voltage Unloaded: 12.54
33626626	300434060932020 House Rover	Nov 28 2019 08:02:28.941 AM	Nov 28 2019 08:02:27.000 AM	Incoming	Timestamp: 2019-11-28T12:01:32.001Z, Battery: 10.23, Latitude: 44.714195, Longitude: -63.604941, Voltage Unloaded: 12.54


User Level

The **User Level** indicates that user's privileges throughout the XeosOnline web portal. Each user level has the following scope in the group they inhabit:

- **Regular User**
 - Can send commands, view, and download data from all devices
- **Organization Administrator**
 - Can send commands, view, and download data from all devices.
 - Admin tab functionality to edit/delete device information
 - Can search device IMEIs through the site

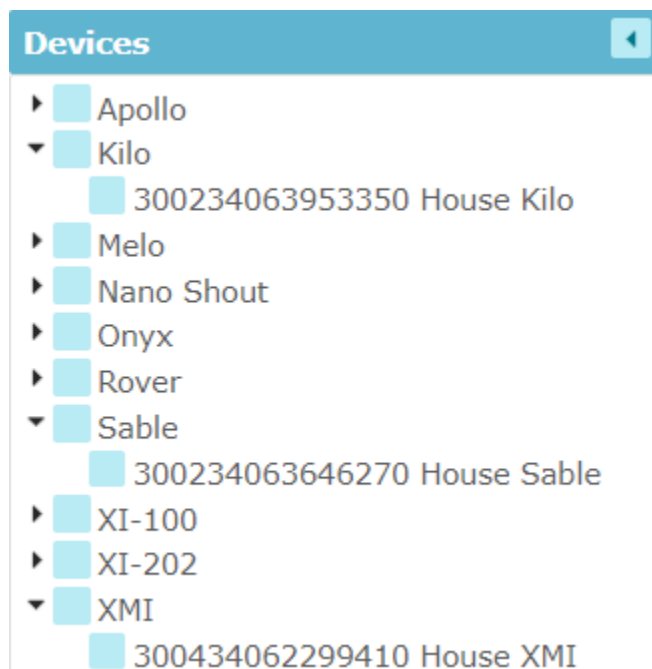
While users can be placed in multiple groups by Organization Administrators, new users can only be created by Xeos, and must use a valid email for login.


Home Tab

The Home view can be reached by clicking  **Home** on the top right of XeosOnline, and is the first window that will appear upon logging in. For regular users, this will be the only main window.

Devices Menu

The Devices Menu displays all devices that have been added to an organization.





- The Devices menu is also used to select devices for viewing Logs and Locations.
- Any number of devices may be selected.
- Select all devices of a type by using the checkbox by the Product Name.
- Collapse the Devices Menu by clicking 




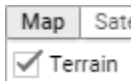
Message Panel

Map


The Map tab displays a satellite map of current and past GPS fixes from the selected device.

1. To navigate around the map, click and hold the left mouse button and drag the screen. Alternatively, the pan control can be used 
2. Zoom in and out using the scroll wheel on the mouse, or use the zoom control on the top-left of the map
3. Users can also use Street View by dragging  onto the map



4. To exit **Street View**, click the  in the top-right corner
5. Users can switch between **Map** and **Satellite** overlays by using the  control
 - The **Satellite** overlay displays real satellite images. Labels, such as street names, can be toggled by clicking the labels checkbox 
 - The **Map** overlay displays basic map information. Terrain can be toggled on or off using the Terrain checkbox 

Alternative Map

A secondary map option to the map tab that uses OpenStreetMaps and MapBox is available as an alternative to Google Maps. This option retains all the same features as the Google maps option along with some new filters that can be accessed in the top right-hand corner of the map window using the  button.

Use the  button to switch maps at any time.

This setting will store the last map loaded as the default for the next login.



Media

Lists any media recordings created by the device. Files here can be downloaded for analysis.

Event Log

Any **Events** generated by a device are logged and displayed in this tab. To sort messages, click on a column header

ID	Generated for each individual record by the database
Message ID	Unique to each message from a device. Multiple log entries can reference the same Message ID
Device	Name assigned to the remote device that generated the message
Date Processed	Date and time from when XeosOnline received and processed a message
Event Type	Name assigned to an event, such as Power-up, Motion, Surfacing or an Alarm.
Details	The content of the message

Filters

- Logs can be filtered by clicking on [Showing All Messages](#)
- The user can enter a **Date Range** to filter the Event Log

12/17/2018 15:28:38	01/02/2019 15:28:38	Total Rows: 0
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- Filtered or unfiltered **Event Logs** can be downloaded by clicking on a preferred file type

CSV	Excel
-----	-------

Location Log

All messages pertaining to Location are displayed here. To sort messages, click on a column header

ID	Generated for each individual record by the database
Message ID	Unique to each message from a device. Multiple log entries can reference the same Message ID when sent at the same time
Device	Name assigned to the remote device that generated the message
Timestamp	Date and time taken from the Iridium message
Latitude	Latitude of the GPS message
Longitude	Longitude of the GPS message
Uptime	How long the device took to acquire the GPS position
SNR	The Signal to Noise ratio of the GPS reading, higher is better
Sat Count	Number of satellites used to acquire the GPS position
Alarm	Whether or not the message was generated by an alarm event
Bearing	Some devices can detect direction of motion, displayed as degrees from north
Speed	If a device can detect motion, this field displays speed in km/h, and knots
HDOP	Horizontal Dilution of position, lower is more accurate

Filters

- Location logs can be filtered by clicking [Showing All Messages](#)
- The user can enter a **Date Range** to filter the Location Log

<input type="text" value="12/17/2018 15:28:38"/>	<input type="text" value="01/02/2019 15:28:38"/>	Total Rows: 0
--------------------------------------------------	--------------------------------------------------	---------------

- Filtered or unfiltered **Location Logs** can be downloaded by clicking on a preferred file type

<input type="button" value="CSV"/>	<input type="button" value="Excel"/>
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Message Log

The **Message Log** Tab displays all messages sent to and from a device. To sort messages, click on a column header

ID	Unique to each message from a device. Multiple log entries can reference the same Message ID
Device	Name assigned to the remote device that generated the message
Date Processed	Date and time from when XeosOnline received and processed a message
SBD Date	Timestamp generated on reception by the Iridium network
Direction	Indicates whether a message was sent to a device (outgoing) or from a device (incoming)
Message	The parsed contents of the message

Filters

- RUDICS keep-alive messages can be filtered out by clicking [Hide IP Data](#)
- **Message logs** can be filtered by clicking [Showing All Messages](#)
- The user can enter a **Date Range** to filter **Message Logs**

12/17/2018 15:28:38	01/02/2019 15:28:38	Total Rows: 0
-------------------------------------	-------------------------------------	---------------

- Filtered or unfiltered **Message Logs** can be downloaded by clicking on a preferred file type

CSV	Excel
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RUDICS Tunnels

The RUDICS Tunnels tab displays the station details associated with any selected devices. This tab is only useful to devices capable of using a RUDICS tunnel.

Station	Active State	Connection State	IMEI	Tunnel Port	Voltage	Temp	Data
Centaur	Active	Disconnected	300025060316330	*:11000	12.75	19 °C	0

Station	The name assigned to the station
Active State	Indicates whether this RUDICS station's connection options can be utilized
Connection State	Indicates if a station is currently connected by a RUDICS tunnel
IMEI	The IMEI number of the device associated with this station
Voltage	Indicates the battery health of the device associated with this station.
Temp	The last temperature reading at the station
Data	Sum of data used by this device in bytes.
Details	Click the wrench for an in-depth view of a station's health

Station Health Details

The Details section (inside the previous menu's wrench) gives the user an in-depth view of a station's statistics, as well as the ability to edit connection settings.

Name	Tunnel Listen Port	Status	Last Connected	Last Disconnected
Centaur	*:11000	Active Disconnected	2020-11-04T20:06:00.275Z	2020-11-04T20:14:32.655Z

Status of Health			
Firmware Version:	3.105.6755	Battery Voltage:	12.75 V
Last Temperature:	19 °C	Data Last 24:	0 MB

Tunnel Configuration	
Connect Script:	Disabled
Script Filename:	

Tunnels				
Name	Local IP:Port	Remote IP:Port	Protocol	Status
Centaur-SFTP	*:11122	10.200.100.175:22	TCP	Enabled
Dave	*:11013	10.200.100.176:18000	TCP	Disabled
Centaur-Seedlink	*:11012	10.200.100.175:18000	TCP	Enabled
Centaur-SOH	*:11011	10.200.100.175:80	TCP	Enabled

Basic Information

Name	The Name assigned to this station
Tunnel Listen Port	The open port XeosOnline will use to listen for incoming RUDICS connections.
Status	Indicates if a station is able to start a connection (Active or Inactive) and if the station is currently connected to a tunnel (Connected or Disconnected) as on the above page.
Last Connected	The timestamp of the station's last connection
Last Disconnected	The timestamp of the station's last disconnection

Status of Health

Firmware Version	The current firmware currently running on the device
Battery Voltage	The last recorded battery voltage of the device (in Volts)
Last Temperature	The last recorded temperature measured by the device (in degrees Celsius)
Data Last 24	Data transferred over RUDICS in the last 24 hours

Tunnel Configuration

Tunnels can run scripts for downloading or other actions over RUDICS on detection of an applicable connection.

Connect Script	Indicates if a script is enabled or disabled
Script Filename	Shows the path of the script to be implemented if enabled

Tunnels

Displays statistics logged for tunnels used by this station.

Name	The name assigned to the tunnel
Local IP:Port	Port of the XeosOnline Server used to “Tunnel” to the peripheral device. The IP portion is non-editable.
Remote IP:Port	IP:Port of the peripheral device to be “Tunneled” to through the RUDICS device
Protocol	The protocol used by the tunnel’s connection (UDP or TCP)
Status	Current ability to use this particular tunnel connection

Exporting Data

The export selection feature allows the user to download a file containing all log entries of a specific category for currently selected units.

1. Data can be quickly downloaded by selecting the device to pull, then navigating to the relevant tab containing the data to export.



2. At the bottom of the tab are two buttons, CSV and Excel. Clicking these buttons downloads the currently displayed messages in .csv or .xlsx format, respectively. It should be noted that the date filter in this section can be used to download a specific timeframe of messages, or choose the Show All Messages button to download all messages for a device.

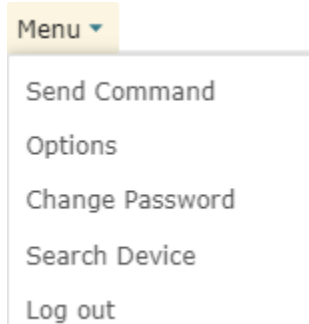


Note: If more than one device is selected at the time of download, messages from both devices will be mixed in order of date and time.

Main Menu

The top left of the Home Tab lists several different options for interaction, whether that be for interaction with devices or the user's account.

Once a user has been created, an administrator may add that user to another organization through the Admin tab.








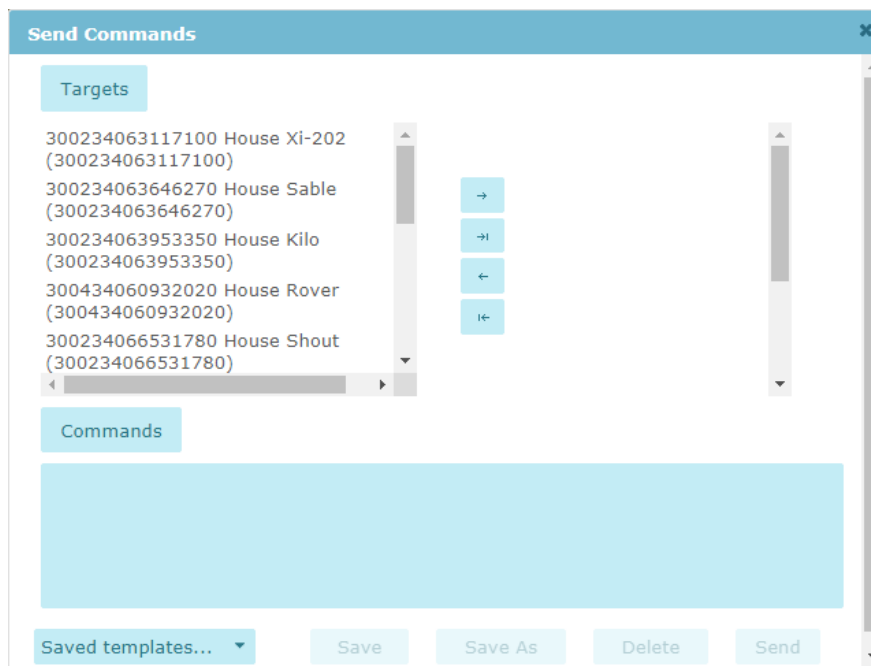
Sending an Iridium Message

The **Send Command** dialog provides users with a convenient way to send messages to any number of devices within their organization.

1. Users can send an SBD (Short Burst Data) message to any device within the scope of their organization by going to **File** → **Send Command**

2. The **Send Message** dialog will appear

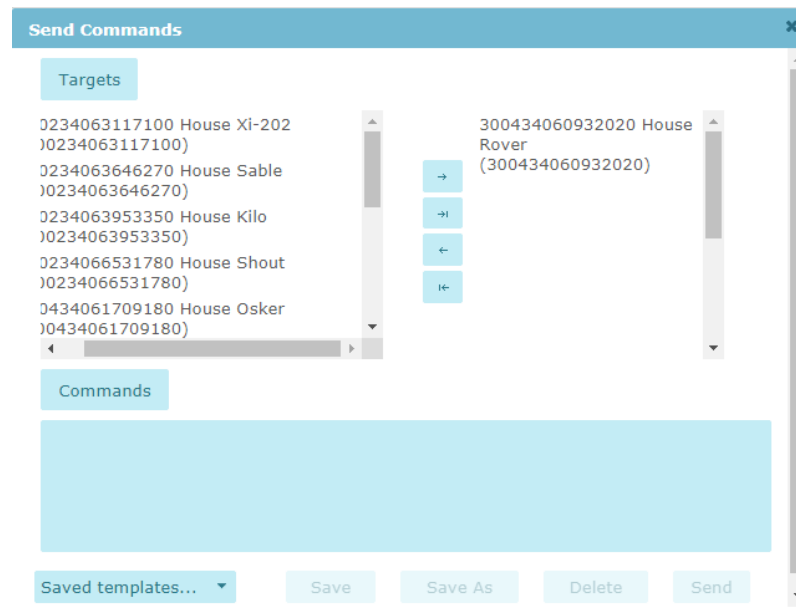
3. Select the device to receive the SBD message and click 
- Multiple devices can be selected by holding 
 - Click  to add **all** devices
 - Click  to remove a device from the intended target list, or click  to remove all devices
 - Devices can also be dragged and dropped from one side of the window to the other



4. SBD Commands can be typed into the **Commands** box. For more information on device commands, consult the device's manual.

Note: Some devices (as noted in their manuals) require an **Unlock Code** before all commands. XeosOnline saves this unique code for each device if it has been received previously and adds it ahead of any outgoing commands.

If the outgoing command is prefixed with **\$Unlock 0** in the message log, XeosOnline does not have this code. The intended command will be ignored by the device; it will reply with the correct code on the next Iridium check, provided XeosOnline is set to receive the device's messages.



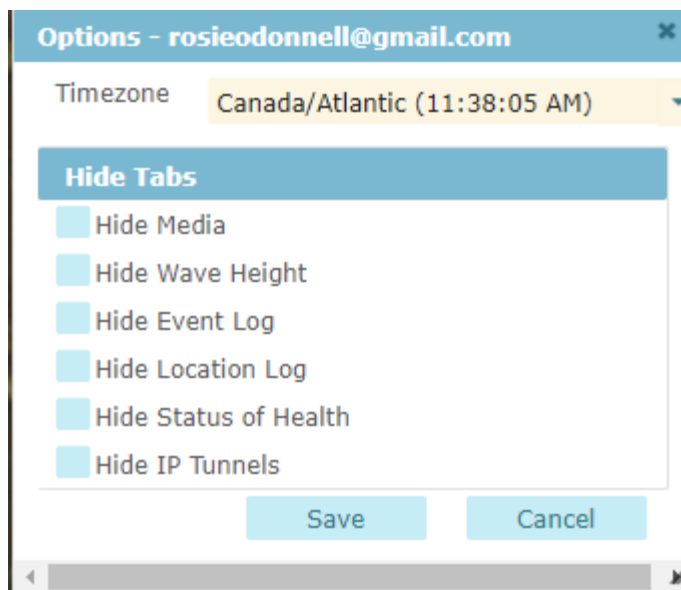
5. Target Lists and/or Commands can be saved as templates for later use. Saved templates can be loaded from the **Saved templates** list.
6. Once the Target List and Commands are ready, click **Send**. The target devices will process the command during their next Iridium Check. Outgoing messages are logged in the Message Log tab.

Options

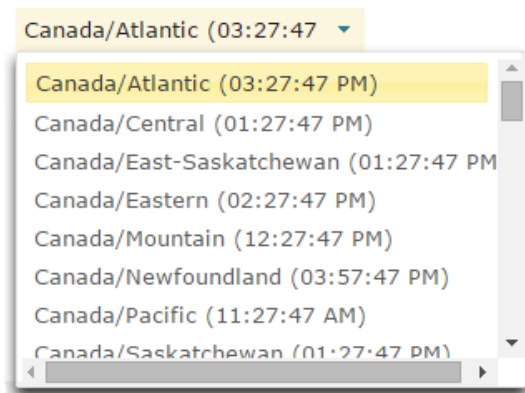
Time Zone

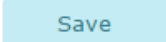
When the user's time zone is changed, all messages and message logs will display in local time.

1. Select **Menu** → **Options**
2. The **Options** dialog will appear.



3. From the Time Zone list, select the desired Time Zone.

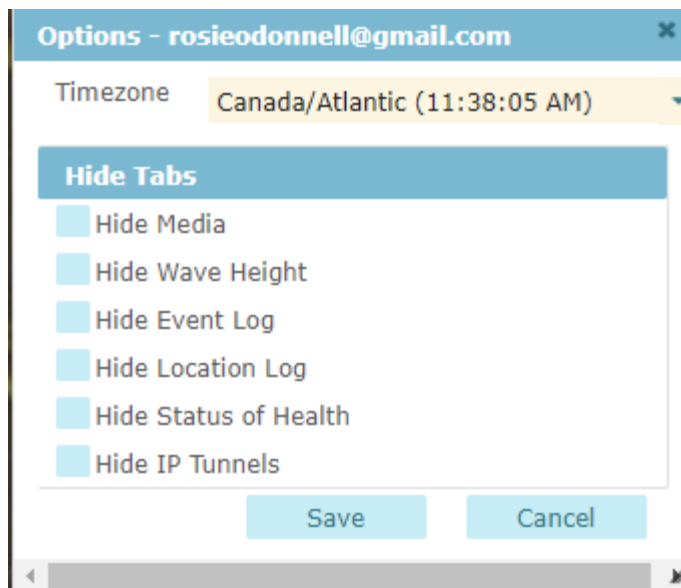


4. Click  and the new time zone will be applied immediately.

Hide Tabs

Tabs not used by the user can be hidden. This setting is retained to the user through logins.

1. Select **Menu** → **Options**
2. The **Options** dialog will appear.

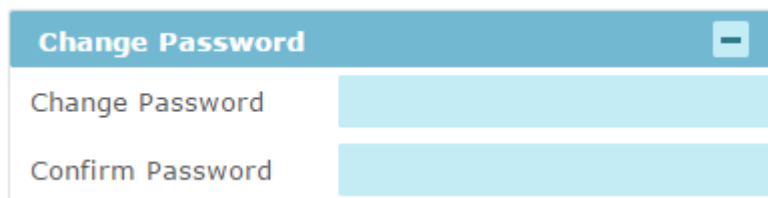


3. Select the tabs to hide
4. Click and the new tab setup will be applied through a refresh.

Change Password

A user may wish to change their password; this can be done through the options menu.

1. Select **Menu** → **Change Password**
2. The **Change Password** dialog will appear



3. Enter the new password and press Log out to finalize the change.

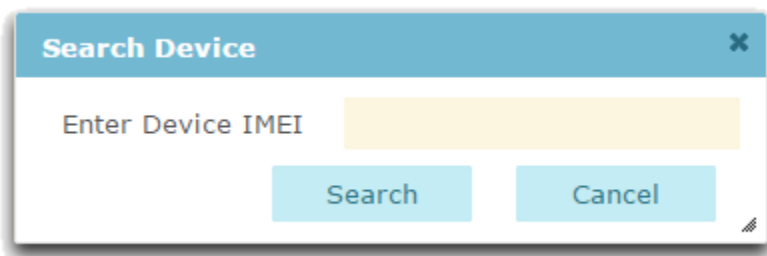
It should be noted that users that forget their password can use the Forgot Password utility on the login page.

Search Device

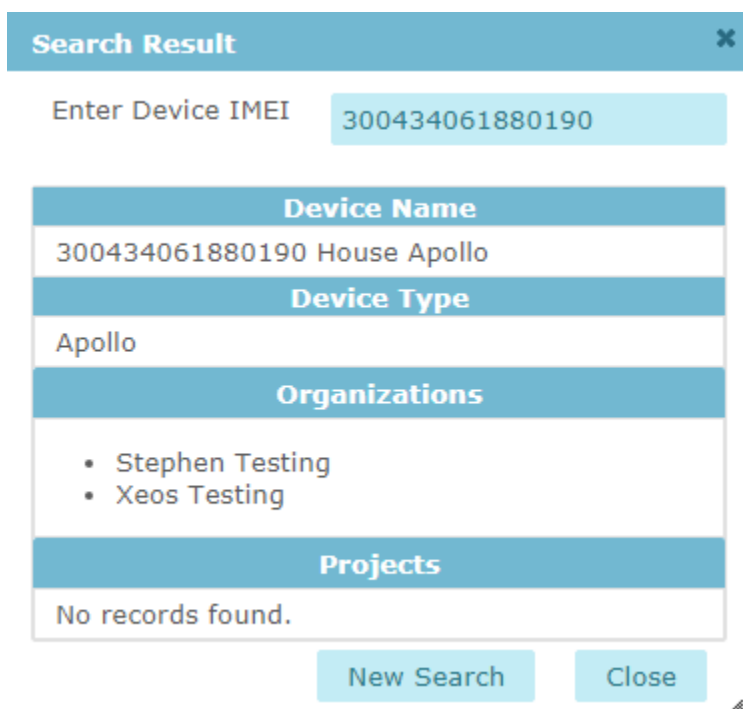
The search device option allows a user to find any device by IMEI number. If the device already exists on the system (may be in a testing area) the results will be found here. This is an Organization Admin only feature.

1. Select **Menu** → **Search Device**
2. The **Search Device** dialog will appear.
3. Enter the IMEI of the device to find and click

Search



A dialog box titled "Search Device" with a close button (X) in the top right corner. It contains a text input field labeled "Enter Device IMEI" with a yellow highlight. Below the input field are two buttons: "Search" and "Cancel".



A dialog box titled "Search Result" with a close button (X) in the top right corner. It contains a text input field labeled "Enter Device IMEI" with the value "300434061880190". Below the input field is a table with the following sections:

Device Name
300434061880190 House Apollo
Device Type
Apollo
Organizations
<ul style="list-style-type: none">• Stephen Testing• Xeos Testing
Projects
No records found.

At the bottom of the dialog box are two buttons: "New Search" and "Close".


Results for the search will appear, listing the name of the device in the system, and a list of all Organizations to which the device is a member.

Manuals

Users can find a link to all the latest manuals pertaining to Xeos products using the [Product Manuals](#) button on the top-right of the screen. Clicking this button will open a new tab in the browser.

Admin

The Admin button gives the Organization Administrators access to the administration pane. From there, the Admins can configure XeosOnline options such as: **Devices**, **Forwarders** and **Organizations**.

To access the Administration Pane, simply click the  Admin button on the top right of the page.

Devices Tab

The **Devices** tab contains statistics and settings related to the devices in the currently selected Organization.

Columns

Name

The **Name** column lists all devices in the currently selected organization. The devices are sorted by product type

Options

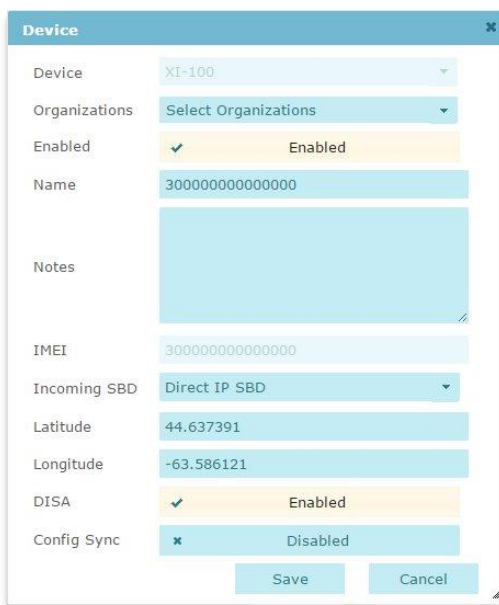
The **Options** column allows the user to edit or delete individual devices; see below

Delete Device

Clicking on the **Delete Device** button will completely remove the device from XeosOnline. **All data related to this device will be erased.**

Edit Device

Clicking the Edit Device button will bring up the **Device** dialog



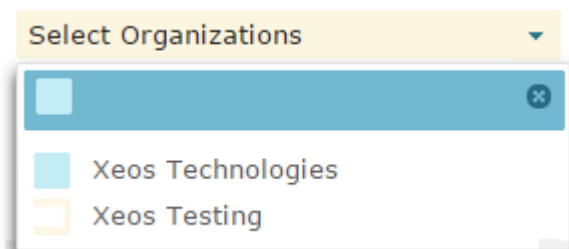
The screenshot shows a 'Device' dialog box with the following fields and values:

Device	XI-100
Organizations	Select Organizations
Enabled	<input checked="" type="checkbox"/> Enabled
Name	3000000000000000
Notes	
IMEI	3000000000000000
Incoming SBD	Direct IP SBD
Latitude	44.637391
Longitude	-63.586121
DISA	<input checked="" type="checkbox"/> Enabled
Config Sync	<input checked="" type="checkbox"/> Disabled

Buttons: Save, Cancel

Device Dialog

Device	Shows the device's Product Type (Set when adding a new device)
Organizations	Allows an admin to assign the device to any organization to which that person belongs. Devices can exist in any number of organizations.



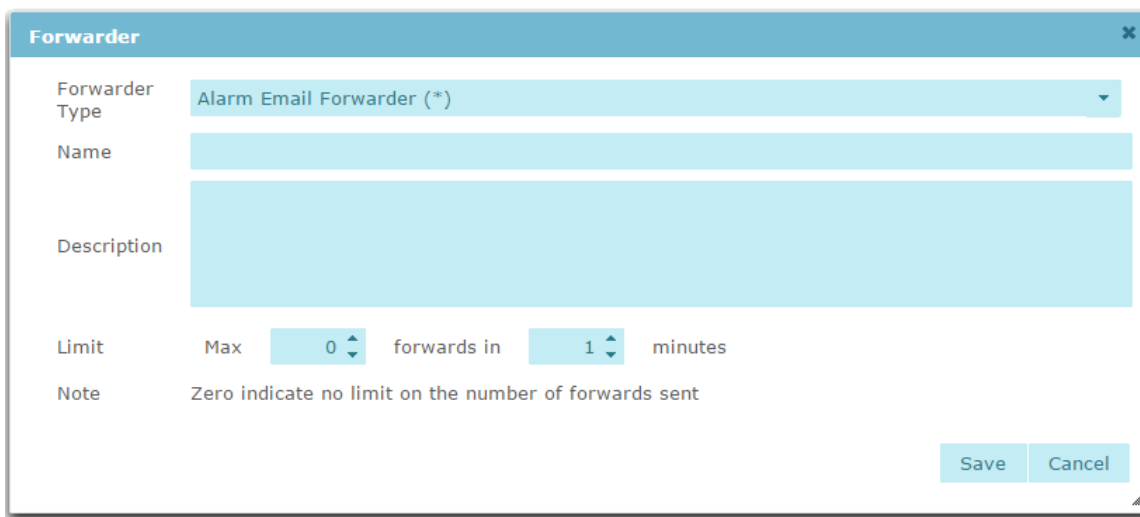
Enabled	Allows (Enabled) or restricts (Disabled) the sending of outgoing commands to this device.
Name	The name of the device as shown on the Home Tab and Device menu
Notes	stores relevant additional information for this device
IMEI	displays the devices SBD IMEI number
Incoming SBD	Allows the user choose the source for the device's SBD messages
Latitude/ Longitude	Can be used to show the devices deployment location. Must be set manually for device types that do not have GPS systems.
DISA	Specifies to XeosOnline if the device is using the DOD network; commands to devices will then send to the correct destination. If a DoD modem is not being used, leave this setting as Disabled .

Forwarders Tab

The Forwarders tab allows users to send device messages to individual emails. Forwarders can be customized to include several devices as well as multiple recipient emails. It should be noted that recipients of these emails are not required to be users of XeosOnline. Therefore, any number of recipients can be set to receive messages to quicken response to appropriate events.

Creating a Forwarder

1. To create a forwarder, click on + New



2. The Forwarder dialog will appear
3. **Forwarder Type** will present several options from a drop-down menu:

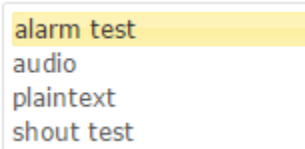
Alarm Email Forwarder	Will forward all alarms to included targets.
All Email Forwarder	Forwards all SBD messages to included targets
To Shout Forwarder	Forwards SBD messages to a Nano Shout handheld Iridium device
STI Event Forwarder (STI40x)	Forwards STI Events to included targets
Audio Forwarder	Forwards Audio Recordings from Sentinel units
Sentinel Plain Text Forwarder	Forwards SBD messages from Sentinel units
Simple ASCII Position Forwarder	Forwards GPS Fixes to included targets in text format
Simple ASCII Position Forwarder w/Battery Voltage	Forwards GPS Fixes, as well as current battery voltage of the device in text format
Hermes Forwarder	Forwards Xeos Beacon positions to the Hermes

4. **Name:** Give the Forwarder a meaningful name
5. **Description:** Record any additional details about the Forwarder
6. **Limit:** The number of forwarded messages the target will receive can be limited. If no limit is required, leave at Zero Forwards.

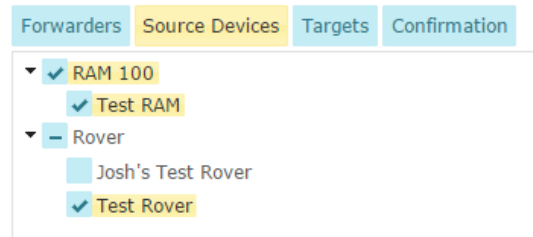
Adding Devices and Targets to Forwarders

Once a Forwarder has been created, devices and targets can be added.

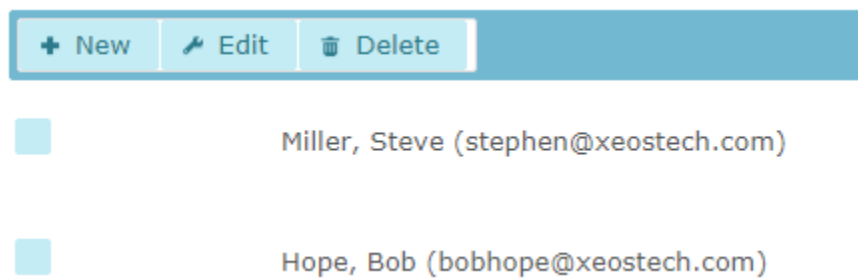
1. Select a Forwarder from the list.



2. Click **→ Next** and the **Source Devices** tab will appear. Select the devices to forward.



3. Click **→ Next** again, email targets can be created and selected.



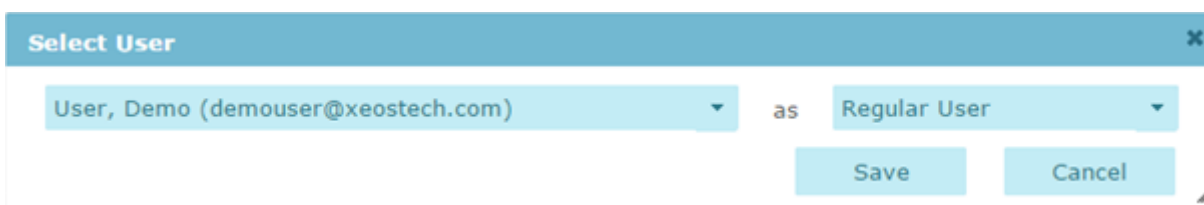
4. To add recipients to the Forwarder, use the **+ New** button and add the recipient's name and email address. Check off any individuals in the list to receive forwarded messages.
5. Click **→ Next** The prompt to save the additions to appears. Additionally, the Test Forwarder button will send a test message to all checked recipients.

Organizations

The Organizations Tab lists all spaces that the user has access to. From here, user credentials can be modified, added or deleted.

The system administrator has the sole authority to create new users, Organization Administrators can move existing users between different groups.

+ Add User



1. The Add User Dialog will appear
2. Begin typing the name of the user to add to the Organization
3. Select the user to add from the list of users
4. Grant that user an access level, for more information see Users

🔧 Edit Organization

The **Edit Organization** dialog will appear; from here, the name of the Organization can be changed.

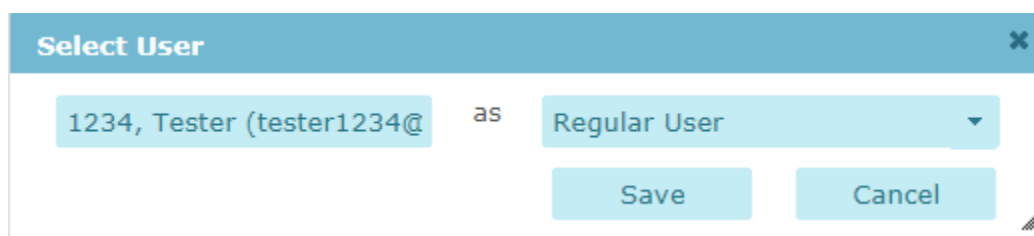
Users

Organization Administrators can manage the privileges of users within their scope, as well as delete users.

- Delete

When deleting a User from an Organization, an alert will appear. Press OK to confirm the action.

🔧 Edit



Clicking the Edit User button brings up the Organization User Dialog. Administrators may then choose a new User Level for that user within an Organization

Terms of Service and Private Policy

By using the Xeos site, you are agreeing with the following terms and privacy policy.

To make sure that the content and services Xeos provides to you are of the highest possible quality, we have developed this Terms of Service and Privacy Policy.

Terms of Service ("TOS")

1. Acceptance of Terms

Xeos provides its website service to you, subject to the following Terms of Service ("TOS"), which may be updated by us from time to time without notice to you. You can review the most current version of the TOS at any time at: www.xeostech.com. In addition, when using particular Xeos services, you and Xeos shall be subject to any posted guidelines or rules applicable to such services which may be posted from time to time. All such guidelines or rules are hereby incorporated by reference into the TOS.

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Xeos currently provides users with access to XeosOnline (the "Service"). Unless explicitly stated otherwise, any new features that augment or enhance the current Service shall be subject to the TOS.

3. Your obligations as a user

In consideration of your use of the Service, you agree to: (a) provide true, accurate, current and complete information about yourself as prompted by the Service's registration form (such information being the "Registration Data") and (b) abide by the TOS. Xeos has the right to suspend or terminate your account and refuse any and all current or future use of the Service (or any portion thereof).

4. Account, password, and security

You select a username and password upon completing the Service's registration process. You are responsible for maintaining the confidentiality of your password and are fully responsible for all activities that occur under your password. Xeos cannot and will not be liable for any loss or damage arising from your failure to comply with this Section.

5. Conduct

You agree to not use the Service to:

1. Impersonate any person or entity, or falsely state or otherwise misrepresent your affiliation with a person or entity;
2. Interfere with or disrupt the Service or servers or networks connected to the Service, or disobey any requirements, procedures, policies or regulations of networks connected to the Service;

3. Intentionally or unintentionally violate any applicable local, state, provincial, national or international law;

You agree that you must evaluate, and bear all risks associated with, the use of any Content, including any reliance on the accuracy, completeness, or usefulness of such Content. In this regard, you acknowledge that you may not rely on any Content created by Xeos.

6. International Use

Recognizing the global nature of the Internet, you agree to comply with all local rules regarding online conduct and acceptable Content. Specifically, you agree to comply with all applicable laws regarding the transmission of technical data exported from the United States or the country in which you reside.

7. Indemnity

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12. DISCLAIMER OF WARRANTIES

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1. YOUR USE OF THE SERVICE IS AT YOUR SOLE RISK. THE SERVICE IS PROVIDED ON AN "AS IS" AND "AS AVAILABLE" BASIS. XEOS EXPRESSLY DISCLAIMS ALL WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT, EXCEPT AS SPECIFICALLY STATED ELSEWHERE.
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4. NO ADVICE OR INFORMATION, WHETHER ORAL OR WRITTEN, OBTAINED BY YOU FROM XEOS OR THROUGH OR FROM THE SERVICE SHALL CREATE ANY WARRANTY NOT EXPRESSLY STATED IN THE TOS.

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14. Violations

Please report any violations of the TOS to us.

Privacy Policy

By visiting our site at www.xeostech.com, you are accepting the practices described in this privacy notice.

1. What does this privacy policy cover?

This Privacy Policy covers Xeos treatment of personally identifiable information that we collect when you are on the Xeos site, or when you use Xeos' services.

2. Information Collection and Use

Xeos collects personally identifiable information when you register.

When you register with Xeos, we ask for your name, email address, city, state/province, and country, as well as other optional information. Once you register with Xeos and sign in to our services, you are not anonymous to us.

Xeos also automatically receives and records information on our server logs from your browser including your IP address, Xeos cookie information and the page you requested.

Passwords are never divulged except to registered users directly upon verification.

Xeos uses information for two general purposes: to fulfill your requests for certain services, and to contact you when you request it.

We protect against loss of information by having regular backups of data. We keep up with current standards to protect against theft of data, and regularly apply security updates and patches to ensure we are using the latest software available to protect our servers.

3. Information Sharing and Disclosure

Xeos will not sell or rent your personally identifiable information to anyone.

Xeos may send personally identifiable information about you to other companies or people when:

- We have your consent to share the information;
- We are operating a web site in partnership with them and they wish to contact their members;
- We need to share your information to provide the product or service you have requested;
- We respond to subpoenas, court orders or legal process; or
- We find that your actions on our web sites violate the Terms of Service or any of our usage guidelines for specific services.

4. Cookies

Xeos may set and access Xeos cookies on your computer, used to identify your user account and to allow for the proper functioning of the Xeos web site and accompanying services.

5. Changes to this Privacy Policy

Xeos may amend this policy from time to time. If we make any substantial changes in the way we use your personal information we will notify you by posting an announcement as a rotating spotlight and/or similar method on our home page.

6. Personal Information Protection and Electronic Documents Act (PIPEDA)

In compliance with Canadian Law, if you have any questions, comments or complaints about how we use your information, please contact our Privacy Officer.

Contact: Privacy Officer

Via letter mail: 36 Topple Drive, Dartmouth, Nova Scotia, Canada

Via telephone: +1 (902) 444-7650

Via email: itadmin@xeostech.com