

Quick Guide

14221-7100-1030

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Start XL Virtual

1. Select **XL Virtual** from the phone's main display.
2. Enter license and network information and configure a network name.
3. Enter your password on the Sign In screen. Select **Save Password** to skip this in the future. Tap **Login**.



Status Area

Towards the bottom of the display, above the menu tab, lies the Status Bar. The Status Bar acts as the main PTT interface and displays the group or user currently selected for the next call when PTT is pressed, as well as the last call transmitted or received. The color of the Status Bar changes based on the current activity:

- Blue background indicates "Idle" mode (i.e., no active call).
- Green background indicates outgoing calls.
- Yellow background indicates incoming calls.
- Red background indicates "distress" mode.

Icons

	Logo indicates the XL Virtual application is registered with the system.
	Home Page
	History
	Groups
	Contacts
	Maps
	Settings
	Available
	Do not Disturb
	Silent
	Offline
	PTT Button
	Key Loaded
	Not Key Loaded
	Group Key Loaded
	Playback
	Stop Playback
	Audio Settings
	Scanning On
	Texting
	Refresh Presence
	Individual Call
	Available
	Do Not Disturb
	Silent
	Offline
	Selected group
	Distress groups
	Distress Notifications

Icons (continued)

	Incoming Calls
	Outgoing Calls
	Incoming iCall
	Outgoing iCall
	Incoming Text
	Outgoing Text
	Send text
	Map Layers
	Locate Self
	Locate Group
	Multiusers
	Distress Signals
	Inbound Signals
	Traffic Layer On Maps
	Building Layer On Maps
	Indoor Maps Layer
	Displays the Street view of the map
	Displays the Hybrid view of the map
	Displays the Satellite view of the map
	Displays the Physical view of the map
	Mapped Contact Silent
	Mapped Contact Offline
	Mapped Contact Distress
	Mapped Radio Available
	Mapped Radio Do Not Disturb
	Mapped Radio Silent
	Mapped Radio Offline
	Mapped Radio Distress
	Volume Down

Icons (continued)

	Volume Up
	Audio Device
	Bluetooth Device
	Soundwave
	Add
	Delete
	Edit
	Search
	Close
	Success
	Info
	Failure
	Distress Signal

Alert Tones

Call Queued	1 short low-frequency tone followed by 2 short high-frequency tones. Indicates call is queued and will be granted later.
Call Denied	3 short mid-frequency tones. Indicates the radio is out of coverage or group is active.
Grant	1 short mid-frequency. After pressing the PTT button, this tone indicates that it is ok to talk.
Call Removed	1 long low-frequency tone. Notifies the user that their current call has been rejected or has failed.
Incoming Distress	3 short high-frequency tones. Sounds when the user receives a distress on a scanned group.
No Key Loaded	6 short mid-frequency tones. Sounds during encrypted calls if no key is loaded.
Incoming Call On Selected Group	2 short low-frequency tones.
Incoming Call On Scanned Group	2 short high-frequency tones.
Incoming Individual Call	1 long high-frequency tone.

XL Virtual™ Android™
Mobile Application



L3Harris is unable to and cannot guarantee either the extent or consistency of the wireless coverage and communications of a cellular commercial carrier's network or other third-party network, nor can L3Harris guarantee the quality of the data service provided. Given the dependency on commercial cellular and third-party networks, the operation of the XL Virtual solution, including location information, is not intended for mission critical communications but rather for administrative and other communications.

Refer to the User's Manual, 14221-7100-2050, for more detailed operating information.

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L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.

Transmit a Group Call

1. Select a call record from the History tab, or select a group from the Groups tab or home page. The last selected Group or Contact name always appears in the Status Area.
2. Press PTT and begin speaking. PTT button will vary depending on configuration, but the default PTT is the Status Area. When transmitting, the Status Area is yellow.
3. When finished, release PTT.

Receive a Group Call

During an incoming group call, the Status Area is orange and displays the Caller ID. After the talk spurt ends, the History is updated. The Status Area is cleared after approximately two seconds.

Transmit an Individual Call

Pre-Stored Contact

1. Select the Contact from the History tab or select the **Contacts** tab.
2. Tap a contact from the list to make it the next call.
3. Press PTT to initiate the call.

Add New Contact

1. Within the contacts tab select **New Contact**.
2. Enter in new contact information and tap **Save**.
3. Select the newly created contact.
4. Tap PTT to initiate the call.

Receive an Individual Call

During an incoming individual call, the Status Area is green and displays the Caller Alias, and/or VIDA ID, depending on what information is currently available.

Ignore Calls

Ignore incoming group and individual calls by tapping .

Send Text Message to an Individual

1. From the **Contacts**, tap on an entity to open the context menu. Tap **Text**.
2. Enter a message, up to 214 characters, and tap **Send**.

Send Text Message to a Group

1. From the **Groups** menu, press the three dots in the group row to open the sup-menu. Tap **Text**.
2. Enter a message, up to 214 characters.
3. Tap **Send**.

Receive a Text Message

Text Message Received is displayed to indicate unread text messages.

Presence

User and group presence services support the transmission of the status of users and groups to interested users. Presence information can be requested by the subscriber unit once or tracked in real-time.

Perform the following to set your presence options:

1. Select the Presence icon in the top right-hand corner of the screen.
2. Select the desired option:
 - **Available** – The XL Virtual user is registered in the system.
 - **Silent** – XL Virtual records client call-log records during the Silent/Vibrate state, but plays neither received audio nor floor control tones. If call recording is enabled, then audio is recorded on the client.
 - Agency specific states can also be set up by the Agency Administrator (for example, "In Transit" or "Out to Lunch").

Presence (continued)

In addition to presence options available to the user, two more states are utilized by the system, but are considered automatic states:

- **Busy** – In systems that support simultaneous voice and packet data services, "Busy" reflects whether or not the user is in a circuit switched call and is thereby temporarily unavailable to listen to or respond to PTT communications. In the Busy state, the XL Virtual client creates call-log records for all talk-spurts that were not played and records received audio. See the following note.
- **Unavailable** – The XL Virtual user is **not** registered in the system. See the following note.

NOTE: "Busy" and "Unavailable" cannot be set by the user; they are automatic states that occur when the user is taking a circuit switch (normal phone) call and when they are not registered in the system, respectively.

Scanning

When scanning is enabled, a higher priority incoming call overrides the receive audio of a lower priority incoming call.

The following lists the scan priority order from highest to lowest:

1. Distress call
2. Individual call
3. Priority 1 (P1) call
4. Priority 2 (P2) call
5. Priority 3 (P3) call

Disable Scanning

When the scanning feature is disabled, only the selected group will be monitored by the XL Virtual application.


To disable scanning, tap the "Scanning On" toggle bar from the Scan Settings menu in the groups tab or from the scanning menu on the home screen. Then press "Save & Exit."

Enable Scanning

When scanning is enabled, all groups in the currently active profile will be monitored by the XL Virtual application.

To enable scanning, tap the "Scanning On" toggle bar from the Scan Settings menu in the groups tab or from the scanning menu on the home screen. Then press "Save & Exit."

Initiate Distress

1. Press .
2. Confirm the distress at the prompt. The distress is initiated on the distress group which may be different than your currently selected group.
3. The left side of the Status Area is red during a distress, and the entire Status Area appears red when distress calls are received or placed. If the auto-key feature is enabled, an automatic PTT occurs for a configurable length of time following the initiation of a distress on a group. Pressing PTT during this time interrupts the auto-key timer.

Depending on the distress behavior defined by the system administrator, you may not be able to change the next call, profile, or scanning until the distress is cleared.

Clear Distress

Only a supervisor can clear a distress for a group. Non-Supervisors can only clear a distress for themselves.

1. Tap the distress indication in the Status Area of the display.
2. Tap **Cancel Distress** to clear either the distress for yourself and/or for the group in distress (if you have supervisor privileges). If you are not the supervisor, you can only clear the distress for yourself.

