

ATAK



Supplemental Icon Glossary

18 November 2024



ATAK Iconography (CIV) Glossary

KEY	
Radial Menu Icon	Blue
Main Tool Icon	Purple
Additional Icons	Black

	3D Model	Once imported, a 3D Model icon will appear on the map. Zoom into the area of the icon until a loading ring appears. After the loading process has finished, the 3D model will be projected onto the map. Enable the map 3D View and tilt the view angle to see the 3D modeling. This is also useful in viewing terrain in 3D.
	Add Group	To create a chat group, select the Add Group icon, enter a group name, select the contacts to add to the group and select Create.
	Add Track	Initiate a new track. Accept or edit the default track name and select the OK button to begin the new track. User location data is recorded as breadcrumbs in a new track file.
	Alert	Provides the capability of indicating the need for assistance, the type of emergency and its location on the map.
	Angle Bearing Units	Opens the radial sub menu allows selection of the required Angle Bearing Unit. <ul style="list-style-type: none"> • True North, Magnetic North, Grid • Degrees, Mils
	Bloodhound	Enables tracking between the range and bearing line end points. When activated, a widget displays heading, distance and ETA between end points on the R&B line. Note that this option will be grayed out unless both ends are attached to Map Items or Self Markers.
	Bullseye Tool	The Bullseye provides a circular grid with lines every 30 degrees.
	CASEVAC	The Casualty Evacuation (CASEVAC) Tool is used to denote any casualties/injuries in the field.

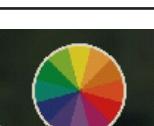
ATAK Iconography (CIV) Glossary

KEY

Radial Menu Icon

Main Tool Icon

Additional Icons

	Chat	The Chat tool logs, organizes and displays the most recent chat message that was sent from each chatroom associated with the local device.
	Checkpoint	Adds a checkpoint to the route where the radial was opened.
	Circle	To add a Circle, select the Circle icon, select a location to place the center point and tap another location for the radius.
	Clamp to Ground	Pins an above or below ground route with varying elevation (e.g., mountainous) to the ground.
	Clear Content	Removes all ATAK content from the Android device. Note that this action will permanently erase all content.
	Clear Landmarks	Used to delete all landmark points that have been placed on the map.
	Color Wheel	Provides color selection options.
	Compass	The Compass appears in the upper left and is used to control map orientation.

ATAK Iconography (CIV) Glossary

KEY

	Radial Menu Icon
	Main Tool Icon
	Additional Icons

	Compass Overlay	Toggles the visibility state of a basic compass overlay that is centered on the marker.
	Contact Card	Opens the contact information associated with the marker.
	Contacts	Provides a list of available users on the local network, and TAK Server, and offers different options to communicate with them.
	COP Refresh	The COP Refresh removes any temporary map items from the map. These include Self-Markers from other users, SPIs from other users and ADSB Aircraft Tracks.
	Cue	Select a cue to add at the vertex or checkpoint from which the radial was opened. Note if a cue is added to a vertex in creation mode, it becomes a checkpoint.
	Custom Threat Rings	REDs and/or MSDs (Minimum Safe Distance) are displayed according to selections. Color Coding is shown if Preferences is checked.
	Data Package Tool	Displays any data packages that have been stored, as well as provide options for building new packages, downloading them from a server, deleting and exporting them.
	Delete	Deletes the object from the map interface.

ATAK Iconography (CIV) Glossary

KEY		
Radial Menu Icon	Main Tool Icon	Additional Icons

	Depression or Elevation Degree	Also referred to as the slant tool, distance on the R&B line reflects elevation and will appear longer when enabled.
	Details	Displays the details associated with the marker. In some cases, these details can be edited.
	Digital Pointer	Allows the user to share pointers with team members. Additionally, GoTo MGRS is available for use.
	Distance Units	Opens the radial sub menu allows selection of the required Distance Units displayed on the R&B line. Toggle between Feet/Miles, Miles/Kilometers, or Nautical Miles.
	Drawing Tools	Drawing Tools provides the ability to create different shapes and/or telestrate on the map.
	Dynamic R & B Line	Creates a line that can be moved and repositioned by the user.
	Edit	Selected item can be edited.
	Elevation Tools	Elevation Tools include Heatmap, Viewshed and Contour Lines functionality.

ATAK Iconography (CIV) Glossary

KEY

Radial Menu Icon	
Main Tool Icon	
Additional Icons	

	Ellipse	To add an Ellipse, select the Ellipse icon, select a location to place the first corner, select another location for the second corner which sets the edge, and finally, select a third location to establish depth.
	Export Toolbar	To save a toolbar outside of ATAK, select Export Toolbar. The exported file will be saved to /sdcard/atak/export/. After exporting, the toolbar can be sent to another TAK user. The toolbar will also be saved to the toolbar list.
	Fine Adjust	Edits for finer detail in icon placement. Long Press to open sub-radial: <ul style="list-style-type: none"> MGRS Location – Enter the Easting and Northing. Coordinate – Enter the MGRS, DD, DM, DMS, UTM or ADDR.
	First-Person View	First-Person simulates the view of a user looking straight ahead towards the horizon rather than from the default overhead map view perspective.
	Free Form	To add a Free Form shape, (e.g., a polyline or polygon) select the Free Form icon and then select a location to place the first vertex for the shape; continue to tap to add vertices.
	Free Rotate/ 3D View	Toggles the 3D view on and off.
	Geo Fence	Creates a virtual fence that triggers entry/exit notifications if map items of interest cross the virtual boundary lines.
	Go To	Enter coordinates and navigate to a specific location on the map.

ATAK Iconography (CIV) Glossary

KEY

Radial Menu Icon	
Main Tool Icon	
Additional Icons	

	Grid View	Changes the layout to the grid format.
	Hashtags	Hashtags can be added to map items in the Remarks field of the Details window or by selecting the #Hashtags icon in Overlay Manager.
	History	Displays the Chat history with the selected contact.
	Import	Imports supported files into the TAK application from an SD card or via the network.
	Ingress/Egress	Toggles between Ingress (Red) and Egress (Green).
	Insert Next Checkpoint	Opens the Insert Next Checkpoint window. Enter the desired bearing and range. The unit of distance can also be selected.
	Integrated Gallery Tool	View media attachments. The attachment image's file name and the associated map item will be displayed. Captions can be added to the image file by opening the specific image in the gallery and tapping the line at the top of the image.
	Label	Toggle the label icon on and off to display the distance label on the radius lines.

ATAK Iconography (CIV) Glossary

KEY

Radial Menu Icon	
Main Tool Icon	
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	Lasso Tool	Quickly select items from the map to be exported and shared with other users, or to be deleted from the user's system.
	List View	Changes the tools layout to list format.
	Lock Line	Locks the line length when either end point is moved.
	Lock On	Lock icon turns YELLOW (located on left side of map) and, if moving, the marker will remain centered in the display.
	Manual Orientation	To place the map into manual orientation, long-press on the Compass and select the Manual Orientation control option. Once in the manual orientation mode, touch the screen with two fingers and simultaneously rotate both fingers and the map will rotate accordingly.
	Maps & Favorites	Lists the imagery loaded in the application.
	Minimum Safe Distance (MSD)	Creates a zone around a shape that has been previously placed on the map.
	Multi-Select Action	To delete existing overlay items, tap the Multi-Select Action icon, then the Delete icon.

ATAK Iconography (CIV) Glossary

KEY

Radial Menu Icon	
Main Tool Icon	
Additional Icons	

	Nav To	Launches navigation along the established route, includes voice commands and user defined iconography.
	Opacity	Opens a slide tool to alter the opacity of the rubber sheet overlay.
	Open Navigation Interface	Select the Route Mode icon in the bottom left corner of the screen when the Bloodhound Tool is active to activate Route Mode.
	Overlay Manager	Sorts map objects, files and overlays into categories and subcategories. Select the Overlay Manager icon to bring up the list of categories.
	Package Management	The primary user interface for managing products and product repositories in ATAK is the TAK Package Management Tool. This tool streamlines the process of obtaining plug-ins and provides a single location to manage TAK products available across all supported TAK product repositories.
	Pair to Self	Pairs the Red X to the Self-Marker with a Range and Bearing line. Long press to open the Pull out menu and toggle the following features: Compass Overlay, Bullseye and Pair to Self.
	Pan To	Selecting the Pan To icon, located at the top right of the call sign in an individual chat, pans the map interface to that user's location.
	Pin	Pins a static R&B line underneath the dynamic line. This can be verified by moving the endpoints of the dynamic line to see the stationary line.

ATAK Iconography (CIV) Glossary

KEY

Radial Menu Icon	
Main Tool Icon	
Additional Icons	

	Place a Marker	Marker placed and radial default is updated to reflect the marker type just placed. Long Press to change marker type (Friendly, Red, Neutral, Unknown).
	Play Video	Plays a video previously associated with the marker.
	Plot Intersection	Place a marker on the map at the current intersection point. If additional landmark points are added, the intersection field will be updated, and the Plot Intersection icon can be selected again to place a more up to date intersection point marker on the map. The marker will be labeled with the callsign of the device.
	Point Dropper	Used to place internationally standardized markers and other icons on the map, edit the data and share the markers with other network members.
	Polar Coordinate	Enter the bearing, range and inclination for a desired point or Range and Bearing line.
Quick Nav	Quick Nav	Selecting the Quick Nav icon will begin navigation (a bloodhound) to any point, object or route on the map.
	Quick Pic	Accesses the Android device's camera or another camera application.
	R & B Circle Tool	The R&B Circle Tool uses one or more range rings to mark a point on the map.

ATAK Iconography (CIV) Glossary

KEY		
Radial Menu Icon		
Main Tool Icon		
Additional Icons		

	R & B Line	The R&B Line tool calculates the distance between two locations on a map, the distance between an object on the map and another point on the map, or the distance between a point on the map and the Self-Marker.
	Radio	Accesses controls for the currently supported ATAK radios.
	Range and Bearing Line	Places a point on the map interface to establish a range and bearing line.
	Range Tools	Range Tools provides several types of measuring tools for measuring direction and distance.
	Record	If a live UDP or appropriately formatted RTSP stream is being viewed, it can be recorded by selecting the Record icon.
	Rectangle	To add a Rectangle, select the Rectangle icon, select a location to place the first corner, select another location to add a parallel corner and then select a third location to indicate the desired depth of the rectangle.
	Red X Tool	Provides a quick way for discerning coordinate and elevation information for a point on the map. Select the White X on the toolbar to toggle the Red X tool into a movable state.
	Remove Group	Removes a group from the contacts list.

ATAK Iconography (CIV) Glossary

KEY

	Radial Menu Icon
	Main Tool Icon
	Additional Icons

	Resection Tool	Users without a GPS signal can estimate their location from known points/landmarks on the map. Two or more reference points on the map are needed to provide a more accurate estimate of the user's location.
	Rotate	Allows rotation and re-sizing of the rubber sheet overlay. The Undo button in the Edit/Details window can be used to undo the last change made in Rotate/Drag.
	Route Mode	Select the Route Mode icon in the bottom left corner of the screen when the Blood-hound Tool is active to activate Route Mode.
	Routes Tool	The Routes Tool allows users to quickly create, view and modify routes. Select the [Routes] icon from the Additional Tools and Plug-ins window to see a list of existing routes, create new routes, import routes, sort, export, delete routes and search for routes.
	Rubber Sheet	Add georeferencing to a 2D image or a non-rectified 3D model, as well as edit a 2D image overlay or 3D model that is already georeferenced.
	Search	Select to search for an item in an active list.
	Self-Marker	By default, the Self-Marker is displayed as a blue arrowhead with a white outline at the user's current location. The appearance of the Self-Marker can be customized by navigating to: Additional Tools and Plugins > Settings > Display Preferences > My Location Color/Size.
	Snapshot	Saves the current frame of the video as a JPEG image file, the icon will flash green to indicate that the snapshot has occurred. The file will be saved in \atak\.

ATAK Iconography (CIV) Glossary

KEY

Radial Menu Icon	
Main Tool Icon	
Additional Icons	

	Sort	Select the Sort icon to sort the active list alphabetically, by status, by unread messages or by distance from the Self-Marker. The sort type will change with each tap of the icon.
	Star	To add a contact to Favorites, select the Star icon, select the + icon, choose the contact(s) and then select Add.
	Sync	If the newly installed plug-in is not on the list, select the Sync icon to update the local list.
	Telestrate	Enables and disables map scrolling by turning telestration on or off. When Telestrate is toggled on, the user is able to free form draw manually or with a stylus.
	Track History	Opens Track Details for the current active track. The track title, color and style can be modified.
	Track Search	Use the Track Search function to view track information that has been previously saved locally or on a TAK Server. The tool searches the track database for matches against the specified time range and by user callsign. Matching tracks are displayed as a list and can be selected to view on the map interface.
	Tracking Breadcrumbs	Breadcrumbs associated with the marker will begin to display on the map according to the established preferences.
	Transfer Log	Select the Transfer Log icon on the Data Package Tool menu to view the file transfer log of imported and exported data packages.

ATAK Iconography (CIV) Glossary

KEY

Radial Menu Icon	
Main Tool Icon	
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	Vertex	Creates a point within the route when the route direction bends or changes.
	Video Player	Opens the Video player. The Video Player supports playing video streams from IP cameras, Rover5 and H.264 encoders. The menu allows the user to add, edit, delete, play or send videos to other network members.
	Video Snapshots	Saved snap shots can be viewed by selecting the Video Snapshots icon. Images can be sorted by time taken or by the name of the snapshot and searched for by their name.
	Viewshed	From the Viewshed tab, select the Eye View icon and then tap a location on the map or select a map marker. An Eye marker will appear on the map interface.
	Visibility	Indicates that a tool is displayed in the main toolbar list after the editing panel is closed. Select this icon to remove it from the tool list. It may be made visible again when in Edit Mode.