Using the TraffiCloud Mobile app

The **TraffiCloud Mobile app** provides a wide range of useful features to program your ATS signs using Android mobile devices connecting over Bluetooth. Whether you need to make messages for your InstAlert or SpeedAlert VMS or collect traffic study data from your Shield or SpeedAlert radar signs, the TraffiCloud Mobile app has you covered. For data-enabled Shields and SpeedAlerts, you can upload traffic data to the TraffiCloud Web portal to generate reports displaying a variety of statistics, making it easier to identify speeding issues. For InstAlerts, you can program all your messaging and monitor power usage data. See *Step 9 Running reports*, on page 13.

Step 1 Installing the TraffiCloud Mobile app

Here's how to install the TraffiCloud Mobile app.

A. Install the latest version of the TraffiCloud Mobile app from the Google Play Store.

B. Open the app.

C. When prompted, optionally allow the app to use your location so that the app will have it for roadside Site creation. See *Step 6 Managing Sites*, on page 7.
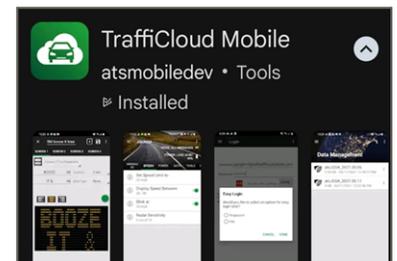
Signing in to TraffiCloud

If this is your first time using the TraffiCloud Mobile app, you'll need to activate your profile by signing in to the TraffiCloud Web portal before you login to the app (see next page for steps). Check with your TraffiCloud administrator or supervisor for your login credentials (your work email address, and a temporary password). For faster access after first login, enable login using biometrics or a PIN.

Limited TraffiCloud Web portal access for all users on your account is also included with your purchase of a TraffiCloud Mobile app perpetual license and qualified All Traffic Solutions sign.

For security purposes, the TraffiCloud Mobile app can only permit access to devices registered with your TraffiCloud account. To load the list of your devices you must sign in to your account.

To sign in to the TraffiCloud Web portal:

A. Go to the TraffiCloud Web portal Login page in your browser.

B. The first time you login with your assigned user ID and temporary password, the **Change Password** window opens. Enter your account email address as your user name and the temporary password provided in the Welcome email sent to all new users.

C. Click or tap the **OK** button. You'll then be prompted to create a new password.

Note: The TraffiCloud Mobile app doesn't support changing passwords, but all users can change their passwords using the TraffiCloud Web portal. On the TraffiCloud Web portal login page, click or tap **Forgot Password**.

To sign in to the TraffiCloud Mobile app:

A. The first time you open the TraffiCloud Mobile app, enter your TraffiCloud user name and password.

B. Tap the **Login** button.

C. After you enter your login credentials, the **Easy Login** popup window opens, prompting you to set a PIN or enable biometrics for faster login going forward. Choose **Fingerprint** or **PIN**, and tap **Done** to finish the Easy Login setup.

Easy Login

Would you like to select an option for easy login later?

○ Fingerprint
○ PIN

CANCEL   DONE

TIP: If you need to reset your PIN, tap the three-dot menu ⋮ on the top-right corner of the app and then **Logout** if you need. You'll be prompted to login again with your password and then the Easy Login window opens.

Exploring the TraffiCloud Mobile app

In the TraffiCloud Mobile app, tap any of the four tabs in the **Navigation menu** to manage your sign. Tap any of the images below for help:

| Equipment Management | Data Management | Site Management | Message Management |

Step 2 Connecting to your sign

The TraffiCloud Mobile app enables you to make connections to your ATS sign over Bluetooth. Once connected, all of your sign's settings display in the TraffiCloud Mobile app and you can revise them as required.

Before you attempt to connect to your equipment, it's best to pair the sign over Bluetooth to the Android mobile device you'll be using with the app. Also, make sure that the option was purchased for your ATS account. Only one mobile device can be connected over Bluetooth at a time.

Equipment Ma...

Discovered devices

Paired devices

⍟ ats0240
Paired

TIP: To get familiar with the app without having to connect to a sign, tap **Continue Unconnected** from the three-dot menu ⋮ on the top right-hand corner of the app window (shown here). You can connect to a virtual (fake) sign of any size. Tap **Disconnect** to finish and connect to your sign.

To connect to your sign:

A. With your sign within range (less than 10 ft. (3 m) and in front of the sign), open your Android device's Bluetooth Manager by tapping the three-dot menu ⋮.
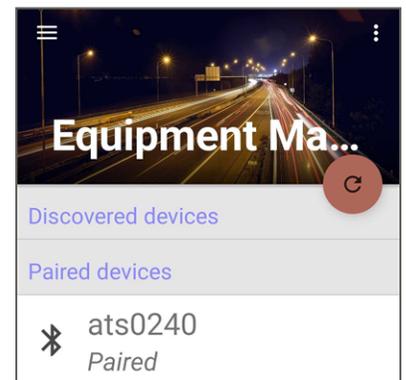
> **NOTE:** You can also tap the **Refresh** button ⟳, then **Discovered devices** in the app to discover your sign, but it will make future connections faster if the devices are paired.

B. Tap your ATS sign's name in the list of nearby signs and enter the pairing code "**ATS**" (use uppercase).

Upon successful connection, your sign's nickname displays in the TraffiCloud Mobile app **Paired devices** list (as shown). The app will save it in the Paired devices list and remember your sign the next time you log on.

C. Tap your sign's name in the **Paired devices** list. The **Sign Modes** popup window opens, where you can select what you need to do next. See *Step 3 Setting Sign Modes,* below.

> **NOTE:** To appear in the **Discovered devices** list, the sign nickname must begin with the default "ATS" (upper or lower case).

Step 3 Setting Sign Modes

When you connect to your sign, the TraffiCloud Mobile app automatically displays the **Sign Modes** popup window.

To open the Sign Modes window manually:

- On the **Equipment Management** tab, tap **Mode** near the top of the app window, as shown.

About Sign Modes

ATS signs include a variety of **Sign Modes**, depending on the capabilities of your sign. Use the following table for typical sign modes. The image at right shows the popup window, which displays your sign's available modes automatically when you connect to your sign.
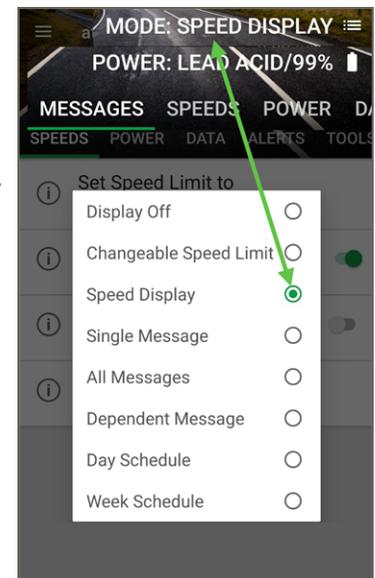
Device type	Typical mode
Shields and School Zone Alerts	**Speed Display** or **Display Off**
SpeedAlerts	**Dependent Messages** or **Single Message**
InstAlerts	**Single Message**

Use this table for details about Sign Modes:

Sign Mode	What you can do
Display Off	For data-enabled Shields, School Zone Alerts, and SpeedAlerts, you can turn the display off, but still collect traffic and status data.
Changeable Speed Limit	Display the speed limit. For radar-enabled signs, you can still collect data and set blinks and strobes based on your sign settings for speed warnings as vehicles pass through the sign's radar detection zone. See *Step 4 Managing your equipment,* on the next page.
Speed Display	Display the detected speed of oncoming vehicles, adjusting as vehicles change speeds and pass through the sign's radar detection zone. School Zone Alert also includes flashing beacons to warn motorists about speed reductions. See Step 4 Managing your equipment.
Single Message	Rotate a message of up to six screens in sequence. There are 24 factory-preset messages included with the mobile app. You can also create your own messages (for example, "Flood Warning", "Amber Alert"), depending on your needs. See Step 7 Managing Messages.

Sign Mode	What you can do
All Messages	Display all of the messages in the sign's memory in sequence.
Dependent Messages	Display a series of speed-dependent messages. For the multipurpose **SpeedAlert**, **Dependent Messages** is the go-to sign mode, displaying messages specific to vehicle speed ("Your Speed XX", "Speed Limit: XX", then "Slow Down", "Too Fast!", "Have a Nice Day"). See *Creating a Dependent Message,* on page 8.
Scheduling For all signs, including **School Zone Alert**, you can create daily and weekly schedules, adjusting the speed limit during scheduled periods of the day or week, such as for deployment to school zones when students are attending school, or for construction zones during work hours. For **SpeedAlert** and **InstAlert** signs, in addition to the above, you can display messaging during scheduled periods of the day or week related to traffic calming or for directing traffic for events like construction, concerts, games, or special events.	
Day Schedule	Adjusts the speed limit (if applicable) and messaging used for your sign during scheduled periods of the day. For the setup steps, see *Setting up a daily schedule* on page 6.
Week Schedule	Adjusts the speed limit (if applicable) and messaging used for your sign during scheduled periods of the day. For the setup steps, see *Setting up a weekly schedule,* on page 7. Setting a weekly schedule is more appropriate than a daily schedule for • speed signs monitoring school or construction zones, where the speed reduction and messaging would usually be necessary only on workdays and during working hours, and • messaging signs directing traffic at specific times and days of the week, for events lasting anywhere from a few days, such as festivals or conventions, or longer.

Step 4 Managing your equipment

Use the **Equipment Management** tab to update your sign using the TraffiCloud Mobile app. Connect to a nearby sign to open the **Equipment** page, where you can configure the following:

Top tab	What you can do	
Messages	If you have a messaging-enabled sign, you can create and manage messages. See *Step 7 Managing Messages,* on page 8.	
Speeds	Set Speed Limit to, Display Speed Between, Activate Strobe at, Blink at, set Radar Sensitivity.	
Power	Adjust Brightness, check Power Supply and Solar capacity.	
Data	Collect Data Between (10-100 mph), Download Data, check Recent Stats (avg speed), Erase Data on sign. See *Step 8 Managing your data,* on page 12	
Alerts	Enable or disable: Low battery setting, Critical Battery, Tamper, High Speed, Congestion. See *Configuring Alerts,* on the facing page.	

ATS | Chantilly, VA | United States | Tel: 1-866-366-6602 | Email: support@alltrafficsolutions.com | Web: www.alltrafficsolutions.com

Copyright © 2025 | All Traffic Solutions, Inc.® | *Using the TraffiCloud Mobile App*, ver. 1.0 | PN 4800276 | All rights reserved.

Top tab	What you can do
Tools	Rename the sign, identify the sign, initiate a move request, read the current cell strength, sync the sign time clock to your mobile, use demo mode, check the firmware, reboot the sign.
Images	View images, take a photo, or erase all images on the sign.

💡 **TIP:** As shown above, depending on your mobile device's display settings, you may need to slide the toolbar with your finger 👆 to view the last two top tabs: **Tools** and **Images**. If you have difficulty viewing all of the options on the screen, you can adjust your Android device **Font Size and Styles** settings.

Performing a traffic study

To perform a traffic study, ATS recommends setting radar-enabled signs to **Display Off** mode, also referred to as "stealth mode". In this mode, the signs still collect data but appear to be turned off, which should eliminate the traffic calming influence of having the speed display visible to motorists.

For example, you could install the sign in a new location, leave the display off for a week to collect the data, and run a report to get a feel for whether speeding is a significant issue in that location. Then, you could turn the **Speed Display** mode on, collect the data for another week and compare the differences.

To put the device in Display Off mode:

A. Connect to the sign and choose **Display Off** mode.

B. To set the speed limit, tap **Equipment > Speeds**. See *Step 4 Managing your equipment*, on the previous page.

For details about analyzing the data collected, see *Step 9 Running reports* on page 13.

Configuring Alerts

You can use the TraffiCloud Mobile app to trigger photo captures be taken for tamper, high speed, and traffic congestion events and to change the default settings.

Alert name	What you can do	Default setting
Tamper	Tap to turn off photo capture when there is a sudden impact to the sign or it is dropped. The sign memory can store up to 100 photos.	**ON**
High Speed	Tap to change the threshold for photo capture when high-speed vehicles are detected at the Site. The sign memory can store up to 100 photos.	**60 mph**
Congestion	Tap to change the threshold for photo capture of traffic congestion (bumper-to-bumper traffic) for the Site. The sign memory can store up to 100 photos.	**25 mph**

Step 5 Setting up schedules

Set up daily or weekly schedules to vary a sign's speed limit or message automatically. Use the topics in this step for instructions about setting up schedules for your sign. For any periods of the day that do not have a scheduling window, the sign turns off until the next window for up to 13 different time periods during the day. Available options vary by sign type.

For all signs, including **School Zone Alert**, you can create daily and weekly schedules, adjusting the speed limit during scheduled periods of the day or week, such as for deployment to school zones when students are attending school, or for construction zones during work hours.

For **SpeedAlert** and **InstAlert** signs, in addition to the above, you can display messaging during scheduled periods of the day or week related to traffic calming or for directing traffic for events like construction, concerts, games, or special events.

To set up a daily or weekly schedule:

On the **Equipment Management** page for your sign, you can create the following:

To create this type of schedule	Use these topics
A **Daily Schedule**	*Setting up a daily schedule*, below
A **Weekly Schedule**	*Setting up a weekly schedule*, on the facing page

Schedules are supported with signs only.

Setting up a daily schedule

Use this topic for help with setting up a daily schedule for your sign.

To set up a daily schedule:
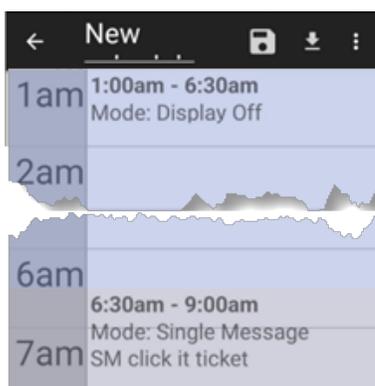
A. Connect to your sign.

B. Set your **Sign Mode** to **Day Schedule**. The **Fetch Schedules** popup window opens.

C. Do one of the following:

- If you have an existing schedule you want to revise, tap **Yes** to edit.

- If you need to create a new schedule, tap **No**. The New Schedule window opens. The sign will then flash ACTIVE SCH MODE.

D. At the top of the **New Schedule** page, type in the name you want to use for your schedule.

To add schedule windows:

A. Tap anywhere in the scheduling pane to open the **Add window** and start adding daily scheduling windows for the sign.

B. Set up your schedule windows as required.

- In the first example at right, **From** and **To** for the first window are set from 1:00 a.m. to 6:30 a.m., **Sign Mode** to **Display Off**, and the camera enabled to take photos of detected vehicles**.**

- In the next example, **From** and **To** are set from 6:30 a.m. to 9:00 a.m. and **Sign Mode** to **Single Message**, with the **Selected message** option set to "SM click it ticket". If you have a radar sign, you can also set the **Reduce Speed Limit by** value as required (see the bottom of these images).

💡 **TIP:** In the Scheduling window, tap the three-dot menu ⋮ and then turn off **Enable snap mode** to drag schedule windows by minute increments.

C. After you've finished each scheduling window, tap **Save** at the top of the **Add** window. The app returns to the **Schedule** page.
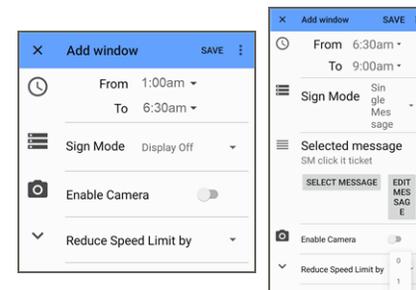
D. Repeat the above steps for as many windows as you need for your schedule.

E. Tap the **Back** arrow ◄ to save and finish adding your schedule to the sign. The **Save changes to schedule** popup window opens. Tap **Save** to complete your changes.

The app uploads the schedule to your sign. You'll see the flashing antenna on the bottom right corner of the sign display during the upload.

Repeat the above steps for as many windows as you need for your daily schedule.
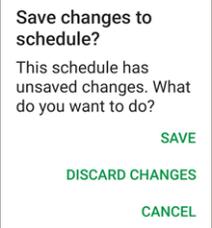
Setting up a weekly schedule

Setting a weekly schedule is more appropriate than a daily schedule for

- speed signs monitoring school or construction zones, where the speed reduction and messaging would usually be necessary only on workdays and during working hours, and

- messaging signs directing traffic at specific times and days of the week, for events lasting anywhere from a few days, such as festivals or conventions, or longer.
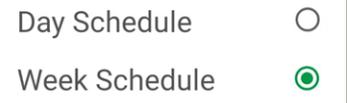
To set up a weekly schedule:

A. [Connect to your sign](#).

B. Set your **Sign Mode** to **Week Schedule**. The **Fetch Schedules** popup window opens.

C. Do one of the following:
    - If you have an existing schedule you want to revise, tap **Yes** to edit.
    - If you need to create a new schedule, tap **No**. The **New Schedule** page opens.

D. At the top of the **New Schedule** page, type in the name you want to use for your schedule.

E. Slide the top tabs (**Sunday**, **Monday**, **Tuesday**) to select another day of the week.

F. Tap anywhere in the scheduling pane to add scheduling windows for the day you selected in the previous step.
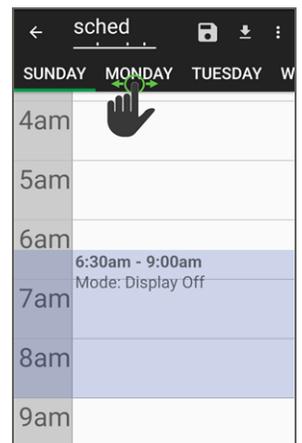
    For an example of creating a schedule for a day, see the previous procedure.

G. Repeat the previous two steps for other days of the week that you want the schedule to run.

H. Tap the **Back** arrow ◄ to save and finish adding your schedule to the sign. The **Save changes to schedule** popup window opens. Tap **Save** to complete your changes.

I. The app uploads the schedule to your sign. You'll see the flashing antenna on the bottom right corner of the sign display during the upload.
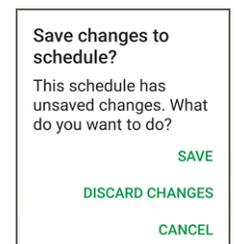
Step 6 Managing Sites

Use this section for help with choosing and configuring your TraffiCloud Sites.

Choosing a site

If you have a radar-enabled sign, you'll need to set up a site for your device so that you can collect and store traffic data and generate reports. For InstAlert messaging signs, you can use Sites to track your sign's location and to measure power usage. Here are the basic steps and options you'll need to perform:

A. **Select a street location**: Carefully consider the physical characteristics of the roadway to ensure optimal performance of the sign and solar panel, if applicable. For radar signs, identify your planned traffic study site to start collecting traffic data so that you can create reports. For messaging signs, choose a location where your sign will be clearly visible for long enough that motorists will be able to see all screens in your message. The site you select for your equipment will vary with your requirements. For details, refer to the guidelines provided in the quick start guide provided with your ATS device.

B. **Create and assign a Site in TraffiCloud to hold your data:** On the navigation menu, tap the **Site Management** tab and then tap the **Plus** button ⊕. See *Step 6 Managing Sites*, on the previous page.

💡 **TIP:** You can use the TraffiCloud Web portal to create sites, see the video "Creating and Assigning Sites" (select a video based on your sign type) from the *TraffiCloud Training Hub*.

Using the Site Management tab

Use the **Site Management** tab to create new or manage existing TraffiCloud Sites and assign your equipment to the Site. You can also define the speed limit and direction of traffic for the Site and use the map to assign a location for the Site.
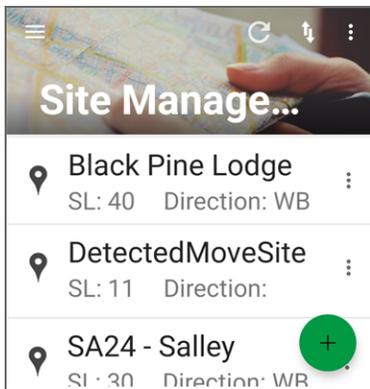
You can do any of the following:

- Tap the Plus sign ⊕ to create new Sites.

- Tap the three-dot menu ⋮ next to an existing Site to edit or delete it.

- Use the green slider to set the **Speed Limit** for the Site.

- Long press on the Map to assign your equipment to the geographic co-ordinates identified for the Site. The longitude and latitude details are added automatically.

  💡 **TIP:** As a TraffiCloud Mobile app subscriber, you can also create Sites using the TraffiCloud Web portal.

Step 7 Managing Messages

Use the TraffiCloud Mobile app to create speed-dependent and single messages for your sign.

The sign memory can store a maximum of 24 messages plus a placeholder message, referred to as the **InstaMessage**. The InstaMessage is always the first message in the **Single Message** list on the page, and will upload to the sign. You can create an unlimited number of custom or dependent messages in TraffiCloud.

💡 **TIP:** You can't directly delete the InstaMessage, but you can replace it using the **Messaging > Assign Message** ➤ command. See *Creating a Single Message*, on page 10.

Creating a Dependent Message

Use this procedure to create a **Dependent Message** for SpeedAlert signs. A default Dependent Message is included on the **TraffiCloud Mobile app Equipment** page for your message sign.

A Dependent Message is a group of regular messages, where each message displayed on the sign is "dependent" on the radar input gathered as a vehicle approaches. Depending on the speed the radar is reading, a different message will be displayed.

To deploy a Dependent Message to your sign:

A. Connect to your sign. The **Sign Mode** popup window opens.

B. Tap the menu button ☰ > **Equipment Management**. The **Choose dependent message type** popup window opens.

C. Choose **Dependent Message**. The other Dependent Message types are used in special or custom applications. Please contact ATS for more information.

D. Tap **Detected Speed**. The **Dependent Message Editor** opens, preconfigured with a speed-dependent message consisting of five message screens, as shown here:
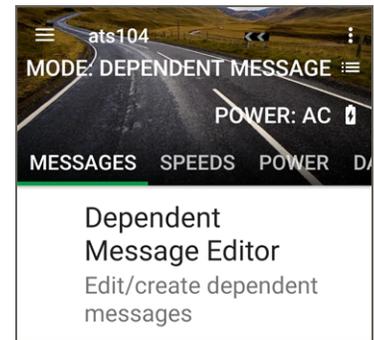
Screen	Default message	
No vehicles	None	
Under speed limit	**24-in. Signs**	**18-in. Signs**
	Thank You For Driving Safely	Good Day
Within 10 MPH over the speed limit	Your Speed XX Speed Limit XX	
Between 10 and 20 MPH over the speed limit	Your Speed XX Speed Limit XX Slow Down	
More than 20 MPH over the speed limit	Too Fast! Slow Down	
Per MUTCD guidelines, all sign messaging must be displayed in caps.		

E. To change any of the values or messages, tap the three-dot menu ⋮ for that screen and then tap **Edit current message** and make your changes.

F. Tap the **Back** arrow to save and finish adding your schedule to the sign. The **Save changes to schedule** popup window opens. Tap **Save** to complete your changes.

The message automatically uploads to the sign and displays the Speed-Dependent Message as vehicles pass.

To test your message:

- To test that the dependent message is working, a) tap the **Equipment Management** tab, b) slide the top tabs to the left 👆 to show the **Tools** menu, and c) use the slider to enable **Demo mode**. **Note**: Remember to turn Demo mode off after using it.
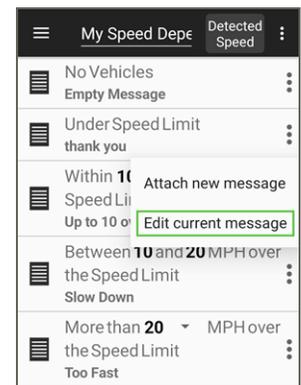
Creating a Single Message

Use the **Equipment Management** or **Message Management tab** to create a Single Message. Single messages (also referred to as "custom messages") can contain up to six rotating screens and your sign's local library can contain up to 24 single messages, plus the InstaMessage.

Single Message is the typical messaging option for InstAlert signs, but can also be highly useful for SpeedAlerts when you need to display public messages and aren't monitoring speed data.

💡 **TIP:** To edit a message, (a) tap **Manage Message List > Messages on Sign**, (b) open the message and make your changes, (c) tap the **Save** button.

To create messages from the Equipment tab:

A. Connect to your sign. The **Sign Mode** popup window opens.

B. Select **Single Message**.

    The **Equipment Management > Messages** tab opens.

C. Tap **Create instaMessage** to create a message in the TraffiCloud Mobile app to send to your sign.

D. Tap the template drop-down list to display the message formats you can choose from for your sign.

    Depending on your sign size, you can choose a template of **3 Lines**, **2 Lines**, **1 Line**, **Speed Limit with Live**, **Your Speed with Live**, **Clock**, or **Timer**. Here are screen captures of the two lists, showing the options for a 24-in. sign at left and an 18-in. sign at right:
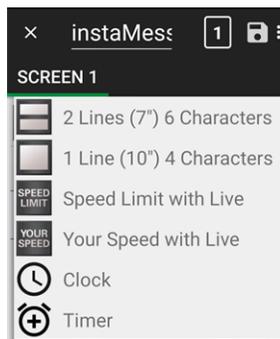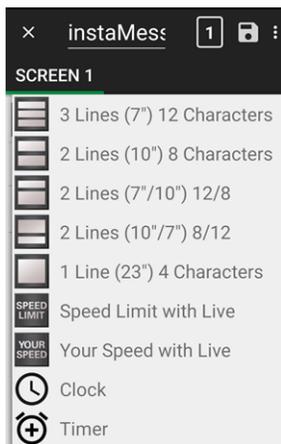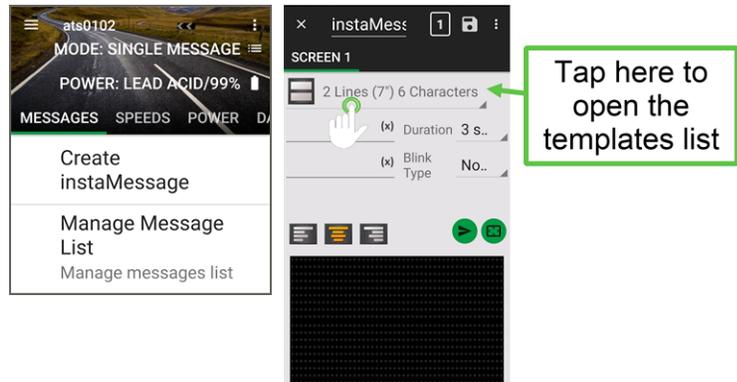
💡 **TIP:** For SpeedAlerts, the **Your Speed with Live** and **Speed Limit with Live** templates are particularly useful in creating radar-based messages. They include the layout shown below, with programmed placeholders to display the speed limit you set up for the sign and radar-detected speeds.

See *Creating a Dependent Message*, on page 8.

ATS | Chantilly, VA | United States | Tel: 1-866-366-6602 | Email: support@alltrafficsolutions.com | Web: www.alltrafficsolutions.com

Copyright © 2025 | All Traffic Solutions, Inc.® | *Using the TraffiCloud Mobile App*, ver. 1.0 | PN 4800276 | All rights reserved.

E. Enter the text of your message in the lines provided, as shown:

F. If needed, choose a **Blink Type** for the message text (**None**, **Blinking**, or **Inverting**).

  » If you choose, **Blinking** or **Inverting**, choose a **Blink Rate**: **Slow** (the default), **Medium**, or **Fast**.

G. Use the **Duration** option to set how long to display each screen in your message, from 1-5 seconds. Keep in mind the average traffic speed and number of screens you plan to display, so that motorists will have time to see all of the screens in your message.

H. To add more screens to your message, tap the number button (for example, [1]) at the top of the screen and choose how many screens you need, as shown here:
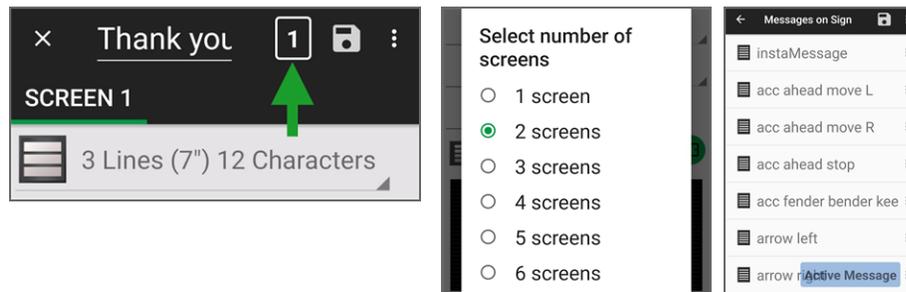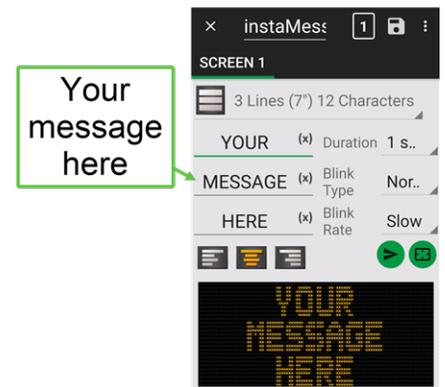
I. Tap the **Save** button to save each message screen you complete.

J. Do either of the following:

  • Tap the three-dot menu next to the message name and then **Make Active** to make the message the active message on the sign.

  • Tap the **Send** button to send the new InstaMessage to the sign. The message will upload to the sign.

  The message currently displaying on the sign is highlighted as the **Active Message**, as shown.

To create messages from the Message Management tab:

A. On the **Message Management** tab, tap the **Plus** button

B. Choose your message sign size from the popup window.

C. Create the message, entering the text for it and choosing the various display options, as described above.

D. Optionally, use the **Speed Limit with Live** and **Your Speed with Live** templates to create your own radar-based speed-dependent messages. They include the custom layouts shown here, and are programmed with placeholders to display the speed limit you set up for the sign and passing vehicles' radar-detected speeds.

E. Do either of the following:

  • Tap the **Save** button to save your message to the sign's local library.

  • Tap the **Send** button to send your message to the sign for immediate display.

TIP: If necessary, tap the sort button to change the default sorting option, by **Date**, **Name** (initial cap or lowercase), or **sign size**.

Importing messages to your sign

Use this procedure for help with importing messages.

To import messages from TraffiCloud:

A. Choose **Manage Message List** to show the list of messages available on your sign.

B. Tap the three-dot menu ⋮ at the top of the page and tap **Import from library**.

C. Select one or more, even all messages available from TraffiCloud.

D. Tap the **Save** button. A screen message appears, saying *Message imported to Library*.
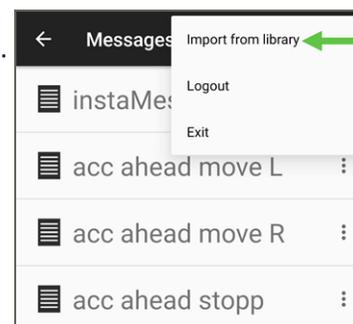
To import a message from the TraffiCloud Mobile app library:

A. Tap the three-dot menu ⋮ beside the message.

B. Tap **Import to Library**.

Step 8 Managing your data

To take advantage of the data collected by your ATS sign, you'll need to download the data to your mobile device using the app and then upload it to TraffiCloud. Then, you'll be able to run the **Standard** traffic reports (Volume by Time, Volume by Speed, Speed Summary, and Raw Data Export) and **Operational** reports (Power Log Histories). See *Step 9 Running reports*, on the facing page.

Downloading your data

Once your equipment has been collecting data in the field for a period of time (ideally at least a week), use the TraffiCloud Mobile app to download its data.

To download your ATS sign's data to the app:
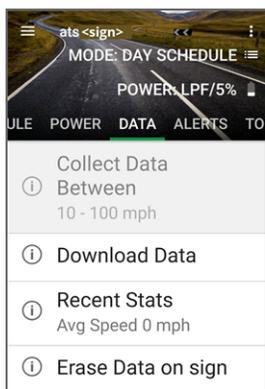
A. [Connect to your sign](#) and go to the **Equipment Management > Data** tab.

B. Tap **Download Data**.

The TraffiCloud Mobile app downloads the data collected by your equipment to your mobile device.

📝 **NOTE:** The download appears to pause at 99% but will complete after a minute or so.

C. A popup window displays, where you can choose to keep or wipe the data after download. All Traffic Solutions recommends that you wipe the data to prevent duplication. Tap **WIPE** to remove the data after download.

D. After the download, when your mobile device detects that it has cellular or Wi-Fi network access, a **Send Data Now** popup displays.

Tap **Yes** to send the data to TraffiCloud.

📝 **NOTE:** If your mobile device stays offline or you chose **No**, the **Send Data Now** prompt won't appear. Please see *Uploading your data*, on the facing page, to manually upload your data to TraffiCloud.

ATS | Chantilly, VA | United States | Tel: 1-866-366-6602 | Email: support@alltrafficsolutions.com | Web: www.alltrafficsolutions.com

Copyright © 2025 | All Traffic Solutions, Inc.® | *Using the TraffiCloud Mobile App*, ver. 1.0 | PN 4800276 | All rights reserved.

Uploading your data

Use the **Data Management** tab to upload data from your equipment to the TraffiCloud Web portal, where you can create reports.

📝 **NOTE:** These steps describing how to upload your data manually are only necessary if your data wasn't uploaded automatically during the previous procedure, *Downloading your data*, on the previous page.

To upload your data:

A. Once you've downloaded the data to your mobile device, tap the **Data Management** tab. The Data Management page opens, showing an entry for the data gathered by your ATS equipment.

B. Tap the entry to display a summary of the data collected, as shown.

C. Tap the **Upload** button 🔼 at the top-right of the page. Your Sites with available data display in a popup window.

D. Tap the Site name to upload your latest data (from Black Pine Lodge in the example) to TraffiCloud.

E. Sign in to the TraffiCloud Web portal to check your data.
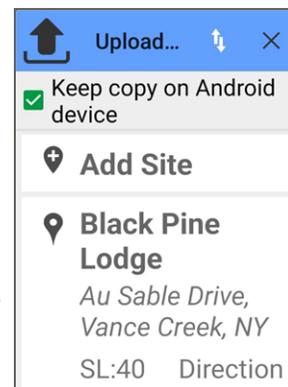
To delete the data from your mobile device:

A. Tap the three-dot menu ⋮ at the top right of the app **Data** screen.

B. Tap **Delete** to remove the data from your mobile device, a best practice recommended to avoid data duplication.
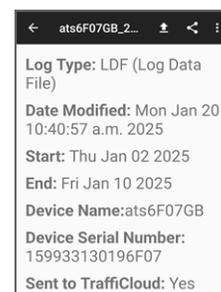
Step 9 Running reports

With TraffiCloud reports, you can quickly understand the driving patterns and issues on a given street, intersection, or your community as a whole.

With all devices, you can generate **Operational Reports**, which monitor your device's **Power Log History**, including **Voltage**, **Current**, and **Power Percent**.

Every **Reports** page on the TraffiCloud Web portal includes a place to select the Site you want reporting on, a calendar to select the date range, and options for report selection and configuration and for managing report scheduling.

All ATS device owners have access to Standard Reports. Here's a quick summary of the reports you can generate:

Watch the video

Standard Reports	
Volume by Time	Provides traffic counts by hour and date.
Volume by Speed	Displays vehicles counted in 5-mph (8-kph) increments.
Speed Summary	Provides a concise summary of speeds at a given Site.
Raw Data Export	Generates data for all traffic by date, including speed measurements (maximum, minimum, mean, 85%, median, and pace speed).

To generate reports:

A. Sign on to the [TraffiCloud Web portal](#).

B. On the TraffiCloud navigation menu, click **Reports**. You can stay on the **Traffic** 🖽 page, or for reports about equipment status, click **Operational** 📊.

C. In the **Report Category** box, use the default **Single Site** option.

D. Click in the **Sites** box and select your Site from the drop-down list (the Site determines the device you'll be collecting data for). You can filter the list by typing Site names and then selecting your Site.

E. Select the dates for your report.
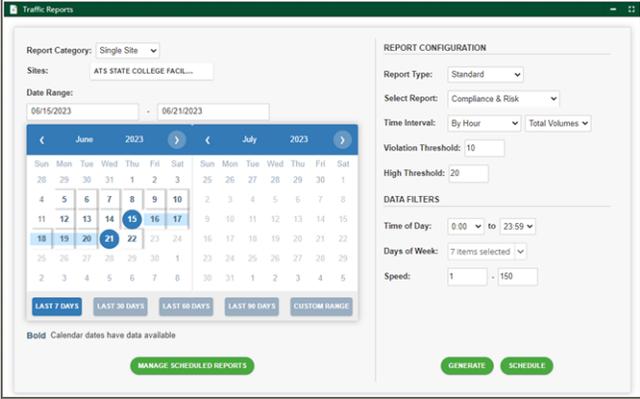
F. In the **Data Filters** section, you can accept the defaults or adjust **Time of Day**, **Day of Week**, and **Speed**.

G. Click the **Generate** button to create a report for the selected date range. Your report displays below the configuration section.

Operational reports: Power Log History

Operational reports provide technical details about your device, such as power logs for the batteries. You can also track the battery percentage history of your equipment. This report is ideal if you want to see how long a power source might last on a single charge, or check the autonomy of solar-powered equipment. **Play the TRAINING VIDEO about Operational report setup**

Here's an example **Operational report > Power Log History** report, which logs device battery power levels by date and time:

ATS | Chantilly, VA | United States | Tel: 1-866-366-6602 | Email: support@alltrafficsolutions.com | Web: www.alltrafficsolutions.com

Copyright © 2025 | All Traffic Solutions, Inc.® | *Using the TraffiCloud Mobile App*, ver. 1.0 | PN 4800276 | All rights reserved.

Printing reports

Use this procedure for help with printing reports from the TraffiCloud Mobile app.

To print reports:

A. Generate a report. See *Step 9 Running reports* on page 13.

B. Scroll to the bottom of the page and use the default file format for your report (**.pdf**) or change it to **.csv** as required.

15:00:00								
2022-05-01	60	38	40	25	34.0	38.0	34.0	35.0
15:50:00								
2022-05-01	60	233	50	14	32.0	38.0	32.0	33.0
16:00:00								

« ‹ **1** 2 3 4 5 6 7 8 9 10 › »   pdf ⌄   **EXPORT**

C. Click the **Export** button. A copy of the report is generated in the format you selected in the previous step and placed in your **Downloads** folder.

D. Open the file on your computer. You can view it there or send it to your printer.

Contacting Customer Support

For support for your All Traffic Solutions products,

- visit the Customer Support page at https://www.alltrafficsolutions.com/support/,

- send email to support@alltrafficsolutions.com, or

- call 1-866-366-6602, Option 2, anytime between 8:00 a.m. and 6:00 p.m. Eastern Time, Monday to Friday.

Technical documentation and training

To view technical documentation, please click the Help icon **?** at the top-right of the TraffiCloud Web portal or visit our Customer Support page.

For online training resources for using the TraffiCloud Web portal, please click or scan the QR code at right to visit our **TraffiCloud Training Videos Hub**. To discuss additional TraffiCloud training options, please contact Customer Support.

ATS | Chantilly, VA | United States | Tel: 1-866-366-6602 | Email: support@alltrafficsolutions.com | Web: www.alltrafficsolutions.com

Copyright © 2025 | All Traffic Solutions, Inc.® | *Using the TraffiCloud Mobile App*, ver. 1.0 | PN 4800276 | All rights reserved.