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Section 1 - Introducing WorkSite for Android

Thank you for downloading our FREE LaserSoft® WorkSite for Android app! Now you can quickly and easily record, save and share measurements wirelessly from the TruPoint 200h laser rangefinder (or you can type them in) to your phone or tablet. Create reports that include a mixture of text-only or photo-only entries (or both) for a customer deliverable that is just right.

WorkSite project reports can be downloaded to a computer and opened in Adobe® Acrobat Reader, Microsoft® Excel and many GIS visualization programs capable of reading a *.GPX file.

Technical Specifications

LaserSoft WorkSite has been designed to run on Android operating platforms for use in conjunction with Laser Technology’s TruPoint® 200h laser measurement device; however, the laser is not required for app use.

<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Systems</td>
<td>Android version 6.x or later*</td>
</tr>
<tr>
<td>Supported Devices</td>
<td>Most smart devices running Android 4.x or later*</td>
</tr>
<tr>
<td></td>
<td>* Please check LTI web site for current compatibility</td>
</tr>
<tr>
<td></td>
<td>(<a href="http://www.lasertech.com/LaserSoft-WorkSite-App.aspx">www.lasertech.com/LaserSoft-WorkSite-App.aspx</a>)</td>
</tr>
<tr>
<td>Connectivity</td>
<td>Bluetooth® (BLE)</td>
</tr>
<tr>
<td>Compatible Laser</td>
<td>TruPoint 200h</td>
</tr>
<tr>
<td>Supported Languages</td>
<td>English; template is available for translation</td>
</tr>
</tbody>
</table>

Warranty Information

For purchases including lasers, a copy of the LTI Limited Warranty should have shipped with the order. If needed, please contact LTI to obtain a copy of the LTI Limited Warranty. See the inside front cover for LTI contact information.

Basic Features

LaserSoft WorkSite can be used to create projects, store simple measurements, and interact with a TruPoint 200h laser. When combined with a TruPoint 200h, this app can be used to capture high accuracy measurements of anything anywhere.

- Automatically detect and connect to a TruPoint 200h laser.
- Receive measurement values from a TruPoint 200h OR type them in.
- Store basic measurements with Quick Notes.
- Create full Projects your way - consisting of data records, images, and/or images with annotations.
- Email PDF, CSV, TXT, or GPX reports.
- Remote control and remote fire a TruPoint 200h.
- Upgrade TruPoint 200h firmware wirelessly.

Modules

WorkSite consists of 6 modules for different tasks:

- Projects
- Quick Notes
- Remote Control
- Settings
- 200h Upgrade
- Help
**Laser Setup**

This laser ships with meters selected as the default unit of measure and with wireless communication set to OFF. For connected use with WorkSite, the laser must have wireless communication enabled and Bluetooth selected.

<Optional> **Change Unit of Measure:**
1. Press the FIRE button to power on the laser.
2. Long-press the Targeting button to display the measurement unit options.
3. Use the arrow buttons to highlight the desired unit of measure.
4. Press the FIRE button to confirm the selection.

**Enable Bluetooth:**
1. Press the FIRE button to power on the laser.
2. Long-press the Fn button.
3. Use the arrow buttons to highlight the wireless communication icon (upper left corner of the screen).
4. Press the FIRE button one time to change the wireless communication icon from “OFF” to “ON - BLE”.
5. Press the button that corresponds with the Checkmark icon in the lower right corner of the screen to confirm the selection.
Section 2 - Get Started with WorkSite

This section describes the download and installation procedure necessary to get started with WorkSite. It explains how to get the app from Google Play and then launch it. Once the application has been successfully launched, follow the instructions in this section to understand the main Menu and configure the settings.

Get WorkSite from Google Play

WorkSite downloads free from the Google Play Store. To get the WorkSite app from Google Play:

1. Use the Google Play search function to find “LaserSoft WorkSite”.
2. Tap the WorkSite icon to install the app as you would any other Google Play application (Figure 1).

Launch WorkSite

To launch the WorkSite app:

1. Find the WorkSite icon on the smart device (Figure 2A).
2. Tap the WorkSite icon (Figure 2B). The splash screen will display (Figure 2C).
**Connected Use**

When WorkSite is launched, it will automatically search for and display the serial numbers for any TruPoint 200h that is powered on and within range of the Android device. Measurements can be wirelessly transferred from the laser, or measurements can be entered with the keyboard whether a laser is connected or not. There is no need to go to Android settings to establish a connection to the laser.

To transfer measurements and remotely control a TruPoint 200h laser:

1. Ensure that the laser is powered on, that Bluetooth is turned on, and that the laser is within range of the Android device in use.

2. Tap on the WorkSite app icon to launch the WorkSite app. A splash screen will display (Figure 3A).

3. Select the laser serial number from the list of options and tap “START” (Figure 3B).
   - Any laser that is on and in range will display.
   - No PIN number is required.

4. When the laser is connected, the WorkSite Main Menu will display and the laser connection icon will change to show a connection as well as the battery life on the laser (Figure 3C).

**Troubleshooting Connected Use**

If the laser connection icon does not turn green (connected) or yellow (connected but the laser has low batteries) after the laser is selected and the Main Menu displays:

- **Try again** — Tapping the laser connection icon will bring up the list of available lasers that are discoverable by the Android device and allow you to choose again. Select the laser and tap Start.

- **Check the batteries in the laser** — If the laser batteries are too low, the Android device may not be able to make a connection. Sometimes, the Android device may not even be able to show the TruPoint 200h as discoverable.

- **Check the Bluetooth setting in the laser** — Refer to Section 1 - Laser Setup to double-check that the laser Bluetooth is on and that the connection icon displays as “On - BLE” (Page 4). The TruPoint 200h laser has two Bluetooth settings. It can connect to devices with Bluetooth Classic or Bluetooth Low Energy (BLE). WorkSite is expecting the laser to be set to BLE. If the laser is set to Bluetooth Classic, it will show up in Android settings as discoverable, but it will not communicate with the WorkSite app.

If a connection cannot be established, please contact LTI's technical support team at ServiceCenter@lasertech.com or call 1-303-649-1000 for further assistance.
Main Menu

The WorkSite Main Menu consists of 6 modules and 3 connection status indicators:

<table>
<thead>
<tr>
<th>Module or Icon</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Projects</td>
<td>Create and edit projects with measurement data records, individual photos, and/or photos with annotations. Create project-specific category attributes. Build reports in CSV, TXT, PDF, or GPX formats.</td>
</tr>
<tr>
<td>Quick Notes</td>
<td>Store one or more measurements with optional notes, and then create a CSV, TXT, PDF, and/or GPX report.</td>
</tr>
<tr>
<td>Remote Control</td>
<td>When connected to a TruPoint 200h laser, change laser modes, reference measurement, targeting options and remote fire the laser.</td>
</tr>
<tr>
<td>Settings</td>
<td>Enter names for report headings, report destination email address, make units selection, laser beep selection, or create categories usable across all Projects.</td>
</tr>
<tr>
<td>200h Upgrade</td>
<td>Check for laser firmware upgrades and initiate them wirelessly.</td>
</tr>
<tr>
<td>Help</td>
<td>Troubleshoot laser connectivity, email a diagnostics file to LTI technical support in the event of a crash, or find the current installed app version number, the WorkSite user’s guide, and a link to LTI’s privacy policy for software and apps.</td>
</tr>
<tr>
<td>Cloud</td>
<td>Connection to Cloud is active when green, inactive when white.</td>
</tr>
<tr>
<td>Android Location Services</td>
<td>Android location services is on when green, and off when white.</td>
</tr>
<tr>
<td>Laser Connection Indicator</td>
<td>Laser Connection Indicator - Indicates that a laser is connected, and its battery is good/sufficient.</td>
</tr>
</tbody>
</table>

- Change laser batteries as soon as possible.
- No laser is connected/communicating.
Settings

Access Settings to edit the overall app settings for reports, units, and laser shot sound as well as to create categories that are usable and accessible across all Projects.

Overview

- Tap \(<\) at the top of the screen to leave Settings and return to the Main Menu.
- Enter an operator name that will display on reports generated using the Projects or Quick Notes modules.
- Enter a company name that will display on reports generated using the Projects or Quick Notes modules.
- Enter a destination email address for sending reports from WorkSite.
- Select the desired units option.
- Check the box to hear a laser shot sound when data comes in (for connected use only).
- Tap "Categories" to add or delete default categories (accessible across all Projects).
- Tap "Save" to save any Settings changes.

Categories - All Projects

Categories are used to describe measurements in the Projects. Custom categories can be created and are accessible across all projects or they can be created to be Project-specific and only display if you are in a specific Project. Use the Settings screen to create categories that are accessible across all Projects.

Add a Category with Category Values

1. Tap \(\bigcirc\) from the WorkSite Main Screen.
2. Tap "Categories" (Figure 6A).
3. Tap the \(\bigcirc\) (Figure 6B).
4. Enter the Category name, first value and tap "SAVE" (Figure 6C). The category name in this example is Paint and the value is Beige.
5. Tap \(\bigcirc\) to add the next value and repeat as necessary (Figure 6D).
Delete a Category

1. Tap from the WorkSite Main Screen.
2. Tap “Categories” (Figure 7A).
3. Tap the Category name to be deleted (Figure 7B).
4. Tap (Figure 7C).
5. Tap “DELETE” (Figure 7D).

Create Categories Using Notepad

Categories can be created in bulk using the Notepad program. Follow this template (Figure 8) and then save the file as “Categories.txt” and place it on the tablet in the WorkSite/Data folder.

Format:
CV|Category 1 Name|Value 1|Value 2|Value 3
CV|Category 2 Name|Value 1|Value 2|Value 3

Example:
CV|Trees|Aspen|Ponderosa Pine|Juniper|Cedar
CV|Diseases|Dwarf Mistle Toe|Mountain Pine Beetle|Spruce Budworm
Filter By Category
Category classifications can be used as a filter to re-organize the Measurement List so that measurement records are displayed by specific category assignments.

To filter the Measurement List by category:

1. Tap the “Filter by Category” drop-down menu located at the top of the Measurement List (Figure 9A).
2. Any category selection that has been used in the Project will display as an option by which to filter (Figure 9B). Tap to select a category option. In this example, the option “Beige” was selected from the Paint category.
3. The Measurement List updates to display only those Measurement Records that are categorized as “Beige” (Figure 9C).

**NOTE** If none of the available categories in a Project have been assigned to any Measurement Record, the Filter by Category option will not be displayed. To clear the filter, tap Filter by Category again and select it from the list.

![Figure 9](image1.png)

A  
B  
C  
Figure 9
Help

WorkSite has built-in help for troubleshooting laser connection issues, sending a diagnostic file in the event of an app crash, and accessing the complete user's guide.

To access WorkSite's Help module:

1. Tap from the WorkSite Main Menu.
2. Select from three options (Figure 10A):
   - **Laser Connection** — Tap for assistance with wireless connectivity to a TruPoint 200h (Figure 10B).
   - **Email Tech Support** — Tap to send your WorkSite diagnostic file to Laser Technology in the event of an app crash. These files help us to find bugs and make the app better. Proprietary project files can also be sent from this module (Figure 10C).
   - **About WorkSite** — Find out the version of WorkSite that is currently installed on the Android device, the full WorkSite user's guide, or access Laser Technology's contact information and LaserSoft Apps Privacy Policy (Figure 10D).

![Figure 10](image_url)
Section 3 - Projects

Use WorkSite Projects to build groups of measurement data records, individual photos, and/or photos with annotations to create complete reports in CSV, TXT, PDF, or GPX formats. While working in Projects, project-specific categories can be added at any time.

Examples of WorkSite projects:
- Pole audits, urban tree inventory measurements, or other asset/resource management work
- Estimations or appraisals
- Compliance/verification checks

Project Details

The Project Details area displays overall project information and it can be reviewed or edited. From here, manage all the measurement and/or photo records within a Project.

Figure 11
Add a Project

1. From the Main Menu, tap (Figure 12A).

2. Tap to start the new Project (Figure 12B).

3. The Project Details screen will display (Figure 12C). Project information is edited and stored between the two gray bars and can be closed or opened at any time while the Project Details screen is displayed.
   a. <Optional> To edit the project name, long-press the default project name in the gray bar at the top of the screen and enter a project name (Figure 12D).

   In this example, the default project name is "Project_15". Tap OK to save the change (Figure 12E).

---

Continued on Next Page
b. <Optional> Tap the "Enter Operator Name" field to enter an operator name for the project. If an operator name was entered in Settings, then that name will automatically show up here and it may also be edited (Figure 13A).

c. <Optional> Tap the "Enter Project Note" field to enter any overall notes for the project (Figure 13B).

d. <Optional> Tap 📸 to add an overall project photo (Figure 13B). Aim and tap 📸 (Figure 13C) and then tap 🔄 to accept the image (Figure 13D). Tap 🔄 (Figure 13E) to return to the Project Details screen (Figure 13F).

4. <Optional> Tap the 🔄 icon in the upper left corner of the screen to close the Project Information (Figure 13F). Tap 🔄 to re-open the Project Information (Figure 13G).
Review & Edit a Project

Review a Project
Projects can be reviewed and edited at any time. From the WorkSite Main Menu, tap Projects, then tap to select a project from the list to open it or swipe left to display menu options to create project reports, email or delete a project (Figure 14). Project Details such as the name, note and project image can be edited. Also, measurement records within any Project can be added, deleted, or edited.

Email a Project
Depending on the size of any given project and the amount of storage on the Android device, WorkSite Project files can take up space that could be used for new Projects. You can email a Project to move Project proprietary files and images off of the Android device and store them anywhere on a PC.

To email a Project:

1. Tap from the WorkSite Main Menu.
2. Long-press the Project and select “Email Project” (Figure 15A).
3. Select an option for including report files (Figure 15B):
   • Tap “YES” to include any report files you may have created.
   • Tap “NO” to email a Project only.
4. Tap to select an email account (Figure 15C). In this example, Gmail is selected.
5. Tap to send (Figure 15D).

NOTE As with any other app, multiple large image sizes can slow down the performance of the app. You may notice delays in report generation as well as email bounce-backs if your project image sizes are very large. Please ensure that your camera image size is set to a reasonable resolution to best manage project and report file sizes and therefore to achieve the best performance from this app. If you must use large images, transfer your reports to your PC using the “Transfer Reports/Data to PC” instructions on Page 18.
Delete a Project

To Delete a Project:

1. Tap from the WorkSite Main Menu.
2. Long-press the Project and select “Delete Project” (Figure 16A).
3. Tap "DELETE" to delete the Project or tap "CANCEL" to abandon the operation (Figure 16B).

NOTE Project deletions cannot be undone.

Reports

Four different report formats can be created from WorkSite Project data:

- **.PDF** — PDF Report (with images)
- **.TXT** — Text Report (no images)
- **.CSV** — Spreadsheet Report (no images)
- **.GPX** — GPX Exchange Report (no images)

There are two places within WorkSite where Project reports can be created:

- By tapping from any open Project (Figure 17).
- By long-pressing any Project in the Project List View and selecting "Reports".

Figure 16

Figure 17
Create, Save, & Send a Report

1. Tap \( \text{Projects} \) from the WorkSite Main Menu.
2. Long-press the Project and select "Reports" (Figure 18A).
3. Tap the Report format drop-down menu and select a format (Figure 18B).
4. Tap:
   - \( \text{Save} \) to Save the report. The saved report will display (Figure 18C).
   - \( \text{Save & Email} \) to Save the report and to also automatically attach the report to an email to send to anyone (Figure 18 D and Figure 18E). In this example, Gmail was selected. To have the "To" field automatically filled with your own email address(es), enter the email address(es) in WorkSite Settings (Page 8).

![Figure 18](image)

**NOTE** As with any other app, multiple large image sizes can slow down the performance of the app. You may notice delays in report generation as well as email bounce-backs if your project image sizes are very large. Please ensure that your camera image size is set to a reasonable resolution to best manage project and report file sizes and therefore to achieve the best performance from this app. If you must use large images, transfer your reports to your PC using the "Transfer Reports/Data to PC" instructions on Page 18.
**Transfer Reports/Data to a PC**

In addition to email, saved reports can also be transferred to a PC via the USB cable that accompanies the Android device. When WorkSite is installed, a folder called WorkSite is created for storing program settings, reports, and .ltiws format project files. The *.ltiws project files can only be opened within WorkSite and are located in a sub-folder named "Data". In addition to transferring Project or Quick Notes reports to a PC, it is also a good idea to copy *.ltiws files over as well once all edits and changes to the project are complete. An *.ltiws file can always be copied back over to the Android device if it becomes necessary to add more information to a project or make additional edits, and then reports can be re-created based on the updated file.

1. Connect the tablet to a PC with the USB cable that accompanies the device. Android devices typically connect as if they are a "Removable Disk" or external hard drive. If you are not using a tablet purchased through LTI, your device may connect differently. Please refer to the manual that shipped with your device to understand how it connects to a PC.

2. Swipe down from the top of the tablet screen to display the connection options for the tablet (Figure 19). Tap to select "USB for file transfer" mode to switch the connection type.

3. On the PC, open File Explorer and select the Device/Removable Disk option that coincides with your tablet. In this example, it is "CT7G" and then a double-click on "Internal Storage". When the drive is selected, its contents display on the right side of the File Explorer screen.

4. Double-click the WorkSite folder (Figure 20A).

5. Double-click the folder that coincides with the Project name and the saved Project reports will display (Figure 20B). Copy any of the individual reports or copy the entire folder to transfer all the reports for the survey by highlighting them and then right-click/copy with your mouse.

6. Create a folder on your PC for storing your WorkSite reports and *.ltiws files. Double-click the folder, and then right-click/paste with your mouse.

**NOTE** This method for accessing WorkSite Project and Quick Notes reports is ideal for deleting all at once after the information has been moved to a PC. In the app, only one report or Project at a time can be deleted.
Upload to Cloud

Up to three Projects can be uploaded to the Cloud (www.lasertech.cloud) where they can be reviewed and edited. In the Cloud, there are some additional features that are not provided in the Android WorkSite app. For more information, please see Section 7 - Cloud (Page 32).

To upload Projects to Cloud:

1. Tap 📂 from the WorkSite Main Menu.
2. Long-press the Project and select "Upload to Cloud..." (Figure 21A).
   The Log in screen will be displayed (Figure 21B). See Page 32 for Account Activation/Log in instructions.

   ![Figure 21](image)

   A

   B

   Figure 21

   NOTE It is also possible to upload projects to the Cloud by tapping 🌈 on the WorkSite Main Menu.

Measurement Records

WorkSite Projects consist of one or more measurement records. Measurement records can consist of measurement data, text notes, and/or photos with or without annotations on them. Any information necessary to fully encompass a Project can be utilized without limitation to complete a project with just the right information that is needed.

About Measurement Records

There are two ways to add a measurement record:

1. For a new project, or when re-visiting an existing Project, tap ➕ from the Project Details screen (Figure 22).
   OR
2. When working in an existing Project, and a measurement record is currently open, tap ➕ at the bottom of the Data View or Image View screens to add the next record.
   a. If you tap ➕ from the Data View, you will be presented with a new blank Data View to work with. Add the next record starting with a text or measurement entry (Figure 23).
   b. If you tap ➕ from the Image View, you will be presented with a new blank Image View to work with. Add the next record starting with an image (Figure 24 on Page 20).

   ![Figure 22](image)
Data View

- Tap to leave the Measurement Record Data View and return to the Main screen.
- Tap to return to the Main Menu.
- Tap "Image View" to switch to the image view for the Measurement Record. From here, take a new photo, add a photo from the Project gallery, and place an annotation on the photo.
- Optional: Tap "Label 1" (the default label for the record) to customize the main descriptor for your measurement. This field can be filled with a measurement value or text.
- Optional: Enter a measurement value and select the units from the drop-down list. If connected to a TruPoint 200h, this field will fill automatically when result values display on the laser. Firing again will update the value. Units will auto-select to match the units set on the laser.
- Optional: Tap to launch the camera and add a new photo to the measurement record. After an image is added, a thumbnail of the image will replace the camera icon.
- Optional: Enter a note about the Measurement Record.
- Select Category attributes for any default Category options that were created in the Settings screen OR tap to add a new category that is specific to and accessible in the open Project.
- Tap to remote fire a connected laser.
- Tap to turn on the red dot of a connected laser.

Image View

Tap:

- Leave the Measurement Record Data View and return to the Main screen.
- Return to the Main Menu.
- Launch the camera and take a new photo.
- Add an existing photo from the Project gallery.
- Add a note annotation to a photo.
- Add a line annotation to a photo.
- Add an area annotation to a photo.
- Delete the photo from the measurement record.
- Add the next record using the Data View.

To help with file size management, the image size of each included image will display next to “Image View” text in the upper right corner of the screen.

NOTE As with any other app, multiple large image sizes can slow down the performance of the app. You may notice delays in report generation as well as email bounce-backs if your project image sizes are very large. Please ensure that your camera image size is set to a reasonable resolution to best manage project and report file sizes and therefore to achieve the best performance from this app. If you must use large images, transfer your reports to your PC using the “Transfer Reports/Data to PC” instructions on Page 18.
Add A Measurement Record

Data View

1. Tap  from the Project Details screen (Figure 25A).
2. The blank Data View for the record displays (Figure 25B).
3. Fill out the necessary information (Figure 25C):
   a.  <Optional> Enter a label for the measurement record. This can be text or a number.
   b. Enter a measurement value. Use the keyboard or fire the TruPoint 200h.
   c.  <Optional> Tap  to take a photo of this measurement (Figure 25D).
      Or tap  and choose a photo from the project gallery (Figure 25E).
   d. Tap Data View to return to the Data View for the measurement record (Figure 25F).
   e.  <Optional> Tap any default category drop-down menu to assign category values (Figure 25G).
      Tap  to add a project-specific category group.
   f.  <Optional> Tap  to add the next record (displays a blank data view for measurement entry (Figure 25H).
Image View

1. Tap 📷 from the Project Details screen (Figure 26A).

2. Tap 📷 (Figure 26B) and the blank Image View displays.
   
   c.  <Optional> Tap 📷 to take a photo of this measurement (Figure 25C).

   Or tap 📷 and choose a photo from the project gallery.

3. Tap the annotation that best fits the measurement (Figure 26D):

   • 📷 Places one anchor point on the image that can be moved to anywhere on the image with a tap/hold/drag.

   • 📷 Places two anchor points connected with a line on the image that can be aligned to anything on the image with a tap/hold/drag to either anchor point (Figure 26E and Figure 26F).

   • 📷 Places four anchor points connected with lines on the image that can be aligned to anything on the image with a tap/hold/drag to any of the anchor points.

*NOTE* As with any other app, multiple large image sizes can slow down the performance of the app. You may notice delays in report generation as well as email bounce-backs if your project image sizes are very large. Please ensure that your camera image size is set to a reasonable resolution to best manage project and report file sizes and therefore to achieve the best performance from this app. If you must use large images, transfer your reports to your PC using the "Transfer Reports/Data to PC" instructions on Page 18.
4. Long press an anchor point to display annotation details (Figure 27A):
   a. Enter a measurement value. Fire the laser or type it in with the keyboard. For measurement routines that require more than one shot, fire the laser until the measurement is complete and the value will display in the measurement field.
   b. <Optional> Enter a label (Figure 27B).
   c. <Optional> Tap  to change the annotation color (Figure 27C).
      Tap to select any color. In this example,  was selected.
   d. Tap  to save the changes and return to the Image View (Figure 27B).

5. <Optional> Tap  to add the next record. Displays a blank image view for measurement entry (Figure 27D and Figure 27E).

Categories - Project Specific
Category attributes specific to the current open Project can be added on the fly. Open Measurement Records (blank or existing) include a + in the Data View which can be used at any time to add a Category.

To add a project-specific category:
1. Add a measurement record or open any existing one.
2. Tap + (Figure 28A).
3. Tap + (Figure 28B).
4. Enter a Category Name and the first Value and then tap “SAVE” (Figure 28C).
5. Tap + to add the next value (Figure 28D).
6. Enter the next value and then tap “SAVE” (Figure 28E). Repeat this process until complete (Figure 28F). Or you can always add more values at any time.
7. Tap “CLOSE” to exit the Category editing window (Figure 28D) and return to the Data View of the Measurement Record (Figure 28G).

Figure 28
Review & Edit A Measurement Record
Measurement records can be reviewed and edited by opening the Project they are associated with. On the Measurement List screen, long-press any measurement record to open either the Data or Image View of the record, or to delete or duplicate the record. You can also open a record's data view by tapping the right side of the record in the measurement list or you can open the image view by tapping the left side of the record (on the image thumbnail).

Duplicate a Measurement Record
To duplicate a measurement record in any Project:

1. Long-press the Measurement Record and select "Copy Record" (Figure 30A).
2. An exact copy of the record displays under the original (Figure 30B). Tap the record to open it and make edits, if necessary.

Delete a Measurement Record
To delete a measurement record in any Project:

1. Long-press the Measurement Record and select "Delete Record" (Figure 31A).
2. Tap "DELETE" to delete the Measurement Record or tap "CANCEL" to abandon the operation (Figure 31B).
Section 4 - Quick Notes

Use Quick Notes to quickly save measurements with basic text notes. If a laser is connected, measurement results will automatically display in the Measurement field. If a laser is not connected, a measurement can be typed into the Measurement field. Make a report on the measurements and then clear them out to make a new group.

Add Measurements

To add measurements using Quick Notes:

1. Tap  from the WorkSite Main Menu (Figure 32A).
2. Fire the laser and the measurement result will display (Figure 32B). To enter a measurement value without using a laser (if using a tape measure for example), tap  and then type the measurement into the field.
3. <Optional> Enter a note for the measurement (Figure 32C).
4. Tap  again to add the next measurement value (Figure 32D). If the cursor has not been moved from the Measurement field, the new measurement will overwrite the existing value and will continue to do so until the cursor is moved.

Delete a Measurement

To delete a single measurement from Quick Notes:

1. Long-press any measurement in the list (Figure 32D).
2. Tap “DELETE” or tap “CANCEL” to abandon the operation (Figure 33).
Clear All Measurements

Quick Notes Measurements will continue to build and remain in memory until they are cleared.
To clear Quick Notes Measurements:

1. Tap (Figure 34A).
2. Tap “CLEAR” or tap “CANCEL” to abandon the operation (Figure 34B).

NOTE Once Quick Notes measurements are cleared, there is no way to restore them.
If you will need future access to Quick Notes measurements, do not clear them or make sure to save them to a report before they are cleared.
Create Quick Notes Reports

Quick Notes can produce the same report formats offered in the Projects module:

- *.PDF — PDF Report
- *.TXT — Text Report
- *.CSV — Spreadsheet Report
- *.GPX — GPX Exchange Report

To create a report in Quick Notes:

1. Tap  (Figure 35A).
2. Tap the Report format drop-down menu and select a format (Figure 35B).
3. Tap:
   -  to Save the report. The saved report will display (Figure 35C).
   -  to Save and to also automatically attach the report to an email and send to anyone (Figure 35D and Figure 35E). In this example, Gmail was selected.

To have the “To” field automatically filled with your own email address(es), enter the email address(es) in WorkSite Settings (Page 8).

![Figure 35](image-url)
Section 5 - Remote Control

When WorkSite is connected to a TruPoint 200h using BLE (Bluetooth Low Energy), the laser can be controlled via the app to change settings and remote fire. This module will report the current settings status of the laser and then allow for these specific settings to be changed and/or controlled:

- **MODE** - Tapping the MODE button will toggle through four measurement mode options. The measurement mode that displays on the button is the mode selected in the laser:
  - Distance - The word "MEASURE" will appear in the Top Message Status Line of the laser’s main display.
  - Height
  - Volume
  - Area

- **REFERENCE** - Tapping the REFERENCE button will toggle through three measurement reference options. The measurement reference is the point at which the laser begins the measurement (from the front of the laser, from rear of the laser, or from the center of the laser (at the location of the ¼ 20 mount):
  - Front
  - Rear
  - Center

- **TARGET**
  - None
  - Closest
  - Farthest

- **FIRE LASER** - Remote fire the laser.
- **RED DOT** - ON/OFF
- **BACKLIGHT** - ON/OFF

To use Remote Control:

1. Tap  from the WorkSite Main Menu.
2. The current status of the laser is reflected on the buttons; any measurement taken will display in the empty window above the controls (Figure 36A).
3. Tap any of the buttons to change the current laser setting or fire the laser (Figure 36B). The MODE was changed from Distance to Height by tapping the MODE button.

**NOTE** Be advised that this remote control feature is one directional. Commands can be sent from the app the laser and the laser will change, but the display may not reflect the change until a measurement is taken. Changes made on the laser while using the remote control feature will not reflect in the app and will cause the app and the laser to get out of sync. To get back in sync, tap the back arrow at the top of the screen to leave the Remote Control module and then tap “Remote Control” to re-enter the module. The app and laser will be synced.
Section 6 - TruPoint 200h Upgrade

In the event of a firmware upgrade availability, the TruPoint 200h laser firmware can be upgraded wirelessly with the WorkSite app. It is also possible to go back a firmware version to an older version, if necessary. Please ensure the following parameters are met before attempting to upgrade or downgrade laser firmware:

- Batteries are new or nearly new in the TruPoint 200h
- Android device is charged to at least half power or more
- TruPoint 200h is configured to receive a firmware upgrade
- TruPoint 200h is connected to WorkSite and the laser connection indicator is green

Configure the Laser

Before getting started, confirm the current firmware version number on the TruPoint 200h.

To do so, long-press the Fn button, Select System, then select About and the laser's current firmware version number displays at the top of the About screen.

To configure the laser:

1. Long press the Fn button.
2. Select System, then press the FIRE button.
3. Select Config, then press the FIRE button.
4. Select Firmware Upgrade, then press the FIRE button.
5. Long press the FIRE button. The LCD on the laser should display the following:

![FIRMWARE UPGRADE In progress](image)

Figure 37
Perform the Upgrade

To perform the firmware upgrade using the WorkSite Android app:

1. Tap \( \text{20th Upgrade} \) from the WorkSite Main Menu.
2. Tap "My laser is ready." if the laser is ready, if not, tap "Help me configure my laser." to display those steps (Figure 38A).
3. Tap to select the newest firmware version in the list of available options and then tap "Install" (Figure 38B). The upgrade process can take up to 5 minutes (Figure 38C).
   **DO NOT turn off the laser or the Android device until the upgrade completes.**
4. The laser will shut off upon upgrade completion. The laser connection icon will show disconnected status (Figure 38D).
5. Power the laser on and verify the current firmware version number
   (Long press the Fn button, select \( \text{Configure} \), select \( \text{Info} \)).

![Figure 38](image_url)
Section 7 - Cloud

Projects can be uploaded to the Cloud for access to some additional features. Basic Cloud usage is free for up to three active Projects. Accounts are created by clicking  from the WorkSite app or by visiting www.lasertech.cloud.

In the Cloud:
- Review Projects and make edits to images, annotations, and notes
- Add, delete, or re-order measurement records
- Add, subtract, multiply or divide measurement records to create totals or estimates
- Generate reports

Account Creation

To create a free Cloud account, click  in the WorkSite app (Page 8), or log on to www.lasertech.cloud.

To create an account from www.lasertech.cloud:
1. Open a web browser and open www.lasertech.cloud and click on "Create an account" (Figure 39A).
2. Enter Name, Email Address, and Password then click "SUBMIT" (Figure 39B).

The WorkSite Cloud main screen displays (Figure 39C).

Figure 39
Projects

The number of Active projects for a free Cloud account is limited to 3. To edit projects, they must be categorized as Active. When Projects are uploaded from the WorkSite app, they can be found in Archived and they can be made Active from there.

To make a Project Active:

1. After logging in to the Cloud, click Projects and then click Archive (Figure 40A). Active or Archived will display in red when its list is currently displaying.
2. Hover over the Project that you want to make active and click “Make Active” (Figure 40B). The Project will be removed from the Archived list.
3. Click “Active” to see the Project is displayed in the Active project list (Figure 40C).

Active Project List Screen Overview

When Projects are in the Active project list, they can be reviewed and edited. There can be 3 active projects in the list at a time. Projects can be archived in order to make space for new projects.
Open Project Screen Overview

Open Projects display measurement records as shown below. Projects can be uploaded from the WorkSite app or they can be created in the Cloud. Measurement must be typed in and cannot be transferred from the laser wirelessly if they are created in this fashion.

![Measurement Record Screen Diagram]

Figure 42
Edit Project
In order to edit project details and Measurement Records, Edit mode must be enabled.

To enable Edit mode and make changes in a Project:
1. From the Project List screen, hover over a Project and select “Edit” (Figure 43A).
2. Click in the upper right corner of the screen (Figure 43B).
3. Make the desired changes to the Measurement Record.
4. Click ”SAVE RECORD” at the bottom of the Measurement Record screen (Figure 43C).
   
   **NOTE** If you do not click “SAVE RECORD” all changes made will not be saved.

Calculations
Use the Calculation screen to add, subtract, multiply and divide measurement record values as well as manually entered values. For example, you can add 3 square footage areas together and multiply them by a certain cost per square foot. Calculations can be ordered and placed into reports the same way measurement records can be.

Calculation Screen Overview

**Figure 43**

**Figure 44**
Create a Calculation

To create a calculation:

1. Open a Project to display the list of measurement records and click  
(Figure 45).

   ![Figure 45]

2. The Calculation screen displays (Figure 46). Click  to add a measurement record to a Calculation.

   ![Figure 46]

3. The measurement record value will display to the calculation area (Figure 47). A red line to the left of the measurement record indicates that it is part of the calculation. Continue to add measurement records as desired.

   ![Figure 47]

4. Choose the operator (+, -) to complete the calculation (Figure 48). In this example,  was selected.

   ![Figure 48]
5. *Optional* Click "ENTER VALUE" to include any value in a calculation that may not be part of a measurement record (Figure 49). For example, enter a dollar value and click operator and then click "CALCULATE" to display the cost for the total square footage.

![Figure 49](image)

6. Click "SAVE CALCULATION" to save the calculation for use in reports (Figure 50).

![Figure 50](image)

- Click "RESET CALCULATION" to clear the calculation area at any time and start over.
- Click (X) to delete saved calculations.
Media

Use the media tab to share images between projects.

To share images:

1. Click "Media" from the Menu Bar (Figure 51A).
2. Click "Add New Image" (Figure 51B).
3. Click "UPLOAD" (Figure 51C). The image will display in the Media list (Figure 51D).
4. Hover over any image in the Media list to (Figure 51E):
   - Assign to a Project
   - Replace the Image
   - Duplicate the Image
   - Delete the Image from the Media list

Figure 51
Categories

Use the Categories tab to edit and review the list of universal categories available across all projects.

To add categories:

1. Click “Categories” from the Menu Bar (Figure 52A).
2. Enter a Category Name and Value (Figure 52B).
3. Click “ADD”. Repeat these steps to add as many category values as necessary, and then click “SAVE” (Figure 52C).
Reports

To create a project report:

1. Open a Project to display the list of measurement records and click 📊 (Figure 53).

2. The Reports screen displays (Figure 54A). Hover over any measurement record (or calculation) and click to add the measurement record (or calculation) to a Report.

3. Records and calculations that have been added will be marked as such and will display in the Report list in the right-hand pane (Figure 54B).

4. At the bottom of the Report list, select the report type from the drop-down menu (Figure 54C).

5. Select “GENERATE REPORT”.

NOTE Use the Reports tab to locate all project reports created in PDF, CSV, and TXT formats.

Figure 53

Figure 54
**Account**

Use the Account tab to edit contact and account details.

To edit account details (Figure 55):

1. Click “Account” from the Menu Bar.
   - Add a profile image
   - Edit User Name
   - Edit Email Address
   - Add a Company Name
   - Add a Phone Number
   - Request a New Password
   - Select your primary Measurement Tool
   - Select your software/application
   - Select your Industry

2. Check the box regarding LTI’s privacy policy.
3. Click UPDATE.

**Help**

Use the Help tab to contact LTI for help or to provide feedback to Laser Technology to help us build our products better.

To use the Help tab (Figure 56):

1. Click “Help” from the Menu Bar.
2. <Optional> Enter an Email Address and support request, then click “SUBMIT”.
3. <Optional> Click “GO TO FORM” to provide feedback and feature requests for the Cloud, the WorkSite app, and the TruPoint 200h.
Appendix A - Uninstall WorkSite

**NOTE** Save any needed files by generating reports and transferring them to a computer with *.ltiws files (Page 17).

To completely uninstall WorkSite and all related files/reports:
1. Transfer any needed files/reports to a computer (Page 18).
2. Uninstall the WorkSite app.
3. Delete remaining files.

**Uninstall WorkSite**

This example is based on the CT7G (running Android 6.0) ruggedized tablet. Other Android tablets may be very similar. Refer to the manual for the specific Android device used to find the process for uninstalling apps.
1. From the device home screen, tap Settings.
2. Scroll down and select Apps from the Settings list.
3. Scroll down and select WorkSite from the list of apps.
4. Tap “Uninstall” to remove the program.

**Delete Remaining Files**

**NOTE** This will remove all previously saved files, reports and settings from the tablet - including the program licensing.
1. From the device home screen, tap the circular button at the bottom of the screen to access the installed apps.
2. Tap the File Manager icon.
3. Tap “Internal Storage”.
4. Tap and hold the WorkSite folder to display a list of file options and tap the trash can icon to delete.