

Value Description

Building Construction Field Solutions

June 2023

Trimble FieldLink v6.7

FieldLink v6.7	2
Elevator Pitch	2
Create/Store GNSS base location	2
Feature description	2
Who can use this	2
Why our users need it	2
Laser plummet setup with Ri over known point	3
Feature description	3
Who can use this	3
Why our users need it	3
Wifi band change with Ri	3
Feature Description	3
Who can use this	4
Why our users need it	4
New Ri exposure settings	4
Feature Description	4
Who can use this	4
Why our users need it	4
X9 support in FieldLink	5
Feature Description	5
Who can use this	5
Why our users need it	5
T10X hardware support	5
Feature description	5
Who can use this	5
Why our users need it	6
HTML report format	6
Feature Description	6

Who can use this	6
Why our users need it	6
Change/Delete point and scan job names	6
Elevator Pitch	6
Who can use this	7
Why our users need it	7

FieldLink v6.7

Elevator Pitch

Guess what!! Trimble just released FieldLink v6.7 and the best part is that because you're on a subscription agreement, you can download it and take advantage of the new features as soon as you're ready. If you're not on a subscription that's ok too, because you can access these great features if your support is up to date. If not, it might be time to get on board with a subscription.

As always, the Trimble Building Construction Field Solutions division has taken the feedback from field users like yourself and implemented them in this latest release. The main objective of this release was to simplify workflows, increase productivity, and improve your project outcomes. Let's talk a bit about the release and how it will help you out.

Create/Store GNSS base location

Feature description

Prior to FieldLink v6.7, users would go through the process of performing a field calibration to establish base and rover position on their job site without having the ability to store the base location for future use. With version v6.7, users will now be able to store their base location in a no data setup, allowing them to easily and effectively choose that as a known base control location for the next setup if a site calibration file is present in the job.

Who can use this

Field superintendents
Field engineers
Layout foreman
VDC engineers

Why our users need it

In short it means time savings in the field. Being able to store a GNSS base location means that one can set up at a later time on that same point without having to re-establish base location, reducing the time needed to perform a GNSS setup.

Laser plummet setup with Ri over known point

Feature description

Setting up a total station on a known point is traditionally performed using an optical tribrach, by looking through the optics to ensure that the instrument is lined up on a point. In v6.7, users will be able to utilize the Ri's laser plummet with a non-optical tribrach to set up the instrument on a known point. This feature continues off the work that was performed in v6.6 where we introduced the ability to set up the Ri over a known point with an optical plummet, adding additional value to customers, and showcasing the value of being on subscription.

Who can use this

Field superintendents
Field engineers
Layout foreman
VDC engineers

Why our users need it

Time is paramount on the jobsite and we understand that easy to use solutions equals time savings in the field. With one click of a button the laser plummet of the Ri total station will point directly to the ground where the instrument is positioned over, allowing the user to set up their instrument on a known point quickly and without having to look through an optical tribrach, saving time and effort in the process.

Wifi band change with Ri

Feature Description

FieldLink is designed to account for many varied workflows on the jobsite while still being intuitive and easy to use. FieldLink v6.7 continues with this vision by listening to customer feedback and improving one main workflow used with the Ri; the ability to change wifi bands more easily. FieldLink v6.7 allows users to change Ri wifi bands from the device settings page, avoiding the need to disconnect the instrument everytime the wifi band needs to be changed.

Who can use this

Field superintendents
Field engineers
Layout foreman
VDC engineers

Why our users need it

FieldLink is a very powerful tool with many different capabilities but what makes it stand out is its ease of use. We strive to continue with this vision by adding additional value to FieldLink while maintaining its simple nature, appealing to both seasoned/power users and new users alike. A perfect example of meeting this vision is by making it easier for our customer to change wifi bands with the Ri without having to turn off the instrument, saving time and frustrations in the field, allowing more time for your field workflows.

New Ri exposure settings

Feature Description

The Ri camera is an incredible feature of the instrument and we've gone ahead and made it better by allowing users to cycle between different brightness modes - dim, normal and bright - to optimize the camera view of the Ri instrument.

Who can use this

Field superintendents
Field engineers
Layout foreman
VDC engineers

Why our users need it

Having the ability to cycle between different exposure settings optimizes the use of the Ri's camera making its view clearer no matter the conditions. This allows users to identify their targets or other objects faster, more effectively and in varied conditions, leading to less downtime, making the Ri a more efficient instrument for your jobsite leading to more field productivity.

X9 support in FieldLink

Feature Description

FieldLink v6.7 users will have the ability to utilize the X9 laser scanner with its wide range of settings to best fit our customers scanning needs.

Who can use this

Field superintendents
Field engineers
Layout foreman
VDC engineers

Why our users need it

The X7 laser scanner has proved itself to be a workhorse for laser scanning applications with its user-friendliness design making it one of the most popular scanners on the market. The X9 laser scanner continues on this trend by being built on the same reliable platform as the X7 with notable enhancements such as increased laser capture speed of 1 million points per second, an extended range of 150 meters and an angular accuracy of 16". For a customer who enjoys the user-friendly operation of the X7 but requires the advanced capabilities of the X9 for capturing dense point clouds at greater distance, then the X9 is meant for you. For more details, please refer to Value Description: Scanning Portfolio.

T10X hardware support

Feature description

The T10X tablet now supports the following instruments: RTS573, RTS673, RTS771, RTS773, RTS873, R780, Ri, X7, X9.

Who can use this

Field superintendents
Field engineers
Layout foreman
VDC engineers

Why our users need it

It's unrealistic to expect users to have multiple different instruments on site or always have the latest instrument. Allowing our main instruments to connect to the new T10X tablet offers our users the ability to take advantage of the power benefits of the T10X tablet with their current lineup of instruments. (See spec sheet for specific details)

HTML report format

Feature Description

Cyber security and data privacy are topics of concern and are only becoming more prevalent. FieldLink takes our users' data privacy and cyber security very seriously and has made a change to FieldLink reports to account for this. Starting in FieldLink v6.7, reports will no longer be created in PDF format but created in HTML link format instead. The HTML reports can be generated with or without internet connection and can be downloaded as HTML links or printed as PDFs and stored to a folder of their choosing.

Who can use this

Field superintendents
Field engineers
Layout foreman
VDC engineers

Why our users need it

Safety! Safety! Safety!

We want to ensure our users are safe from cyberthreats and retain their data privacy. Changing the reports from PDF to HTML links allows this to happen. Better yet, the HTML links are more flexible to use compared to PDF's where the HTML links can be saved as HTML files or PDF files to locations of a user's choosing.

Change/Delete point and scan job names

Elevator Pitch

FieldLink v6.6 introduced, in the job management capabilities, the ability to automatically create scan and layout jobs inside a higher level project folder saving the user time to create

their own and potentially leading to mistakes. FieldLink v6.7 continues off of this work, adding additional value to subscription customers by allowing them to edit layout and scan job names and also allow the user to delete jobs if necessary. This allows users to organize and delete redundant jobs in their job management page of FieldLink, reducing the risk of confusion in the job management page.

Who can use this

Field superintendents
Field engineers
Layout foreman
VDC engineers

Why our users need it

Simplicity and convenience! Every user is different in how they organize their work and the ability to edit job names and also delete jobs give flexibility to our users to organize and name their jobs to their choosing, avoiding the potential of confusion in the job management page of FieldLink.