DigiTrak

FALCON F5®

Cloud Manager

User Guide

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Important Safety Instructions

Always operate your DigiTrak locating system properly to obtain accurate depth, pitch, roll, and locate points. If you have any questions about the operation of the system, please contact DCI Customer Service for assistance.

This document is a companion to your Falcon F5® guidance system operator's manual, which contains a more thorough list of warnings regarding the potential for serious injury and death, work slowdowns, property damage, and other hazards and warnings regarding the operation of horizontal drilling equipment. Please read and understand your system operator's manual completely before operating the equipment described in this manual.

DCI does not warrant or guarantee the accuracy of HDD data that you upload, store and use with Cloud Manager, including data generated by other DCI products and data from any external source (such as GNSS data or data received from a drill rig). Human review and judgment is required. You are responsible for protecting the confidentiality of your password for LWD Mobile and the DDM Service. Please see your DDM Subscription Agreement for additional terms and warnings regarding your use of LWD Mobile and the DDM Service.

Introduction

LWD Cloud Manager (CM) is your window to Falcon F5 DataLogs uploaded to your cloud account from the field. Every upload, whether the bore is complete or not, is at your fingertips for review in CM. If DataLogs were recorded with the iGPS module, the bore can be overlaid directly onto Bing Maps within CM.

CM installs automatically when you download and install LWD from your www.myDigiTrak.com account.

 Click the **Cloud Manager** icon on your desktop to get started.

Logging In

Use the same login credentials you created for your MyDigiTrak account. To save your email for next time, select the **Remember Me** check box.

Please sign in to DigiTrak Cloud Manager.

myname@drillallday.com

●●●●●●●●●●●●

☐ Remember Me

SIGN IN

Learn More
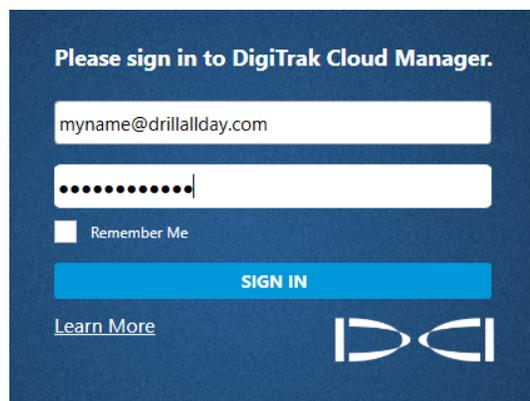
Cloud Manager Login Screen

Get Acquainted

Main Screen
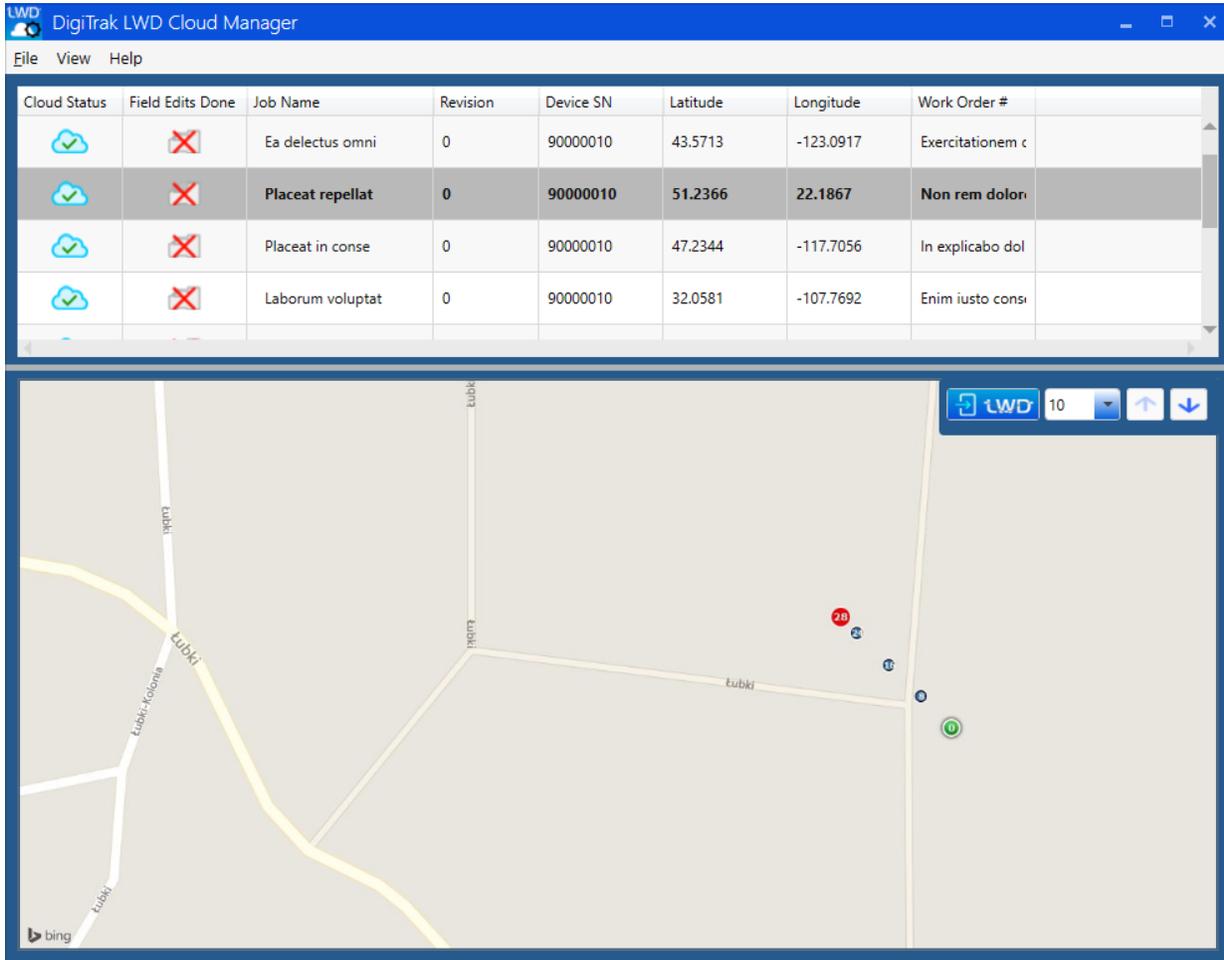
Menus

To	Do This
Launch LWD and upload a DataLog from a Falcon F5 to your computer	Select **File** > **Bluetooth DataLog upload**, or press Ctrl+U
Upload a DataLog from your computer to your cloud account to view in Cloud Manager	Select **File** > **Upload DataLog file(s)**, or press Ctrl+N
Change which columns display	Select **View** > **Additional Columns**
Change between English and metric units in CM	Select **View** > **Display Units**
Check for new uploads	Select **View** > **Refresh**
View online help (this document)	Select **Help** > **Online help**
View CM version information	Select **Help** > **About**

Using the Table

To	Do This
Open a DataLog in LWD	Double-click the DataLog row in the table
Change the column order	Drag the column headings left or right
Change which columns display	Select **View** > **Additional Columns**
Change between English and metric units in CM	Select **View** > **Display Units**
Sort by a column	Click the column heading
Change the number of results displayed	Select from the [10 ▼] drop-down
Change column widths	Drag the divider between column headings
View the previous or next set of results	Select [↑] or [↓]
Change the size of the map or table	Drag the gray bar that separates them

Using the Map

To	Do This
View an iGPS bore in the map window	Select the DataLog row in the table
View an iGPS bore in Bing Maps	Select the DataLog row, then double-click the map
View the previous or next table row	Click [↑] or [↓]
Change the size of the map or table	Drag the gray bar that separates them
Open a DataLog in LWD	Select a row in the table, then click [⊐ LWD]

Icons

This Icon	Means
[LWD icon]	This job is currently being edited.
[red warning triangle]	There is a conflict with this job.
[cloud up arrow]	This job is being uploaded to the cloud.
[cloud checkmark]	This job has been successfully uploaded to the cloud.
[X envelope]	Field edits are not marked as complete.
[check envelope]	Field edits are marked as complete.

Adding DataLogs to the Cloud

Cloud Manager will *only* open jobs stored in your cloud account. Here's how to get your jobs into the cloud.

Uploading Directly from a Receiver

Before uploading a DataLog from a Falcon F5 receiver, the receiver must be registered to your CM subscription at www.myDigiTrak.com. If it isn't, jobs recorded by that receiver will not upload to your cloud account.

To upload directly from a Falcon F5 receiver, in CM select **File** > **Bluetooth DataLog Upload**, or press Ctrl+U. This opens LWD and automatically opens the Bluetooth connection window.

Follow the instructions in the DataLog/LWD Operator's Manual for connecting the receiver to the Bluetooth Radio (mini-Falcon) and uploading a DataLog job. Because this upload started from Cloud Manager, the jobs will upload directly to the cloud instead of to your computer.

Uploading from your Computer

To move DataLogs from your computer to your cloud account, in CM select **File** > **Upload DataLog file(s)**, or press Ctrl+N.

Select one or multiple files using Shift+click or Ctrl+click, then click **OK**.
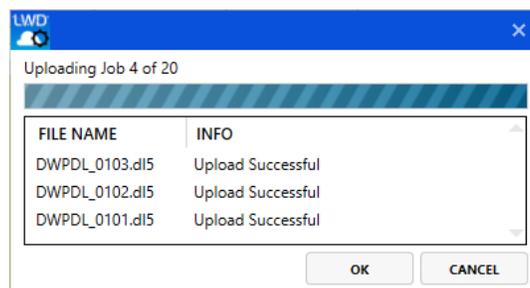
Always ensure jobs have successfully uploaded to your cloud account before deleting them from your computer.

Editing Jobs

> ⚠️ If a job has not been marked complete, field personnel may still be adding data. If you make changes in CM to a DataLog that is still in progress, the changes may be lost the next time the job is updated from the field. To prevent this, CM will display a warning before allowing you to open a job that is not marked complete. It is okay to view an incomplete job, but remember to not make any changes, as they may be lost.

When you open a DataLog job for editing in LWD, the Cloud Status icon changes to **Editing** . After you close the job in LWD and the file is successfully uploaded back to your cloud account, the status changes back to **Saved** .

Double-click a job row in the table, or select the row and click , to open and edit the job in LWD. To edit basic information in Cloud Manager, right-click a job row and make a selection:

Rename job...

Set job site address...

Set customer address...

Set contractor address...

Edit Work Order #

Export to KML file

Mark Field Edits Complete
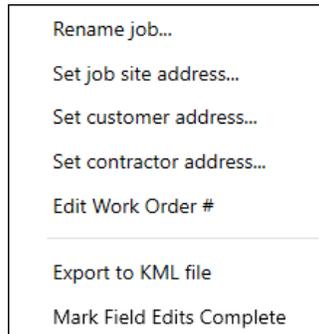
This context-sensitive menu also lets you mark the job as complete (the last option).

Select **Export to KML file** if you want to see your bore overlaid on a Google Earth map. Note that unless the job was recorded with iGPS data, the file will be empty.

File Locations

When you use Cloud Manager to open a job in LWD, the cloud or hard drive location icon at the top left of the drill profile chart indicates where the file originated from, and therefore also where it will be stored when you click **Save**.

Will save to cloud   **Will save to local drive**

To save to a different location, select **File** > **Save As…**. In the dialog box, enter a **DataLog Name** and then click **Local** or **Cloud** as appropriate. To save to the cloud, Cloud Manager must be open and you must be logged in; after the job has finished uploading, it will appear in CM.
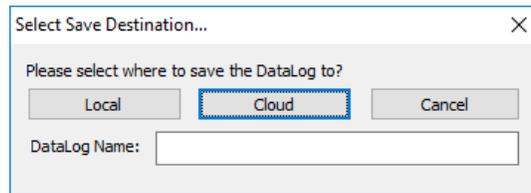
To avoid duplicates and accidentally editing the wrong file later, DCI recommends deleting the local copy of a job after confirming that it has been uploaded to your cloud account.

The cloud and hard drive icons only appear in LWD when a job is opened from Cloud Manager. If you open LWD directly and then open a job, there will be no Cloud save option.

Conflicts

Imagine Driller Dan has just started his drilling day and, using LWD Mobile, uploads a partial DataLog job to the cloud before taking his mid-morning break. This will be revision 0 in the cloud because no changes have been made yet. In the back office, Boss Bob opens the job via Cloud Manager, and ignoring the warning about the job not having been marked as complete, makes some changes. When Bob saves and exits LWD, the job saves back to the cloud as revision 1.

After lunch, Driller Dan uploads the Datalog of the complete bore. This job also uploads as revision 1 (not checking the cloud status allows LWD mobile to still function offline). Now there are two versions of the job at revision 1, which creates a conflict that must be resolved before any changes can be made to the DataLog from Cloud Manager or LWD.

To do this, double-click the job marked as having a conflict ⚠ and compare the data between the jobs.
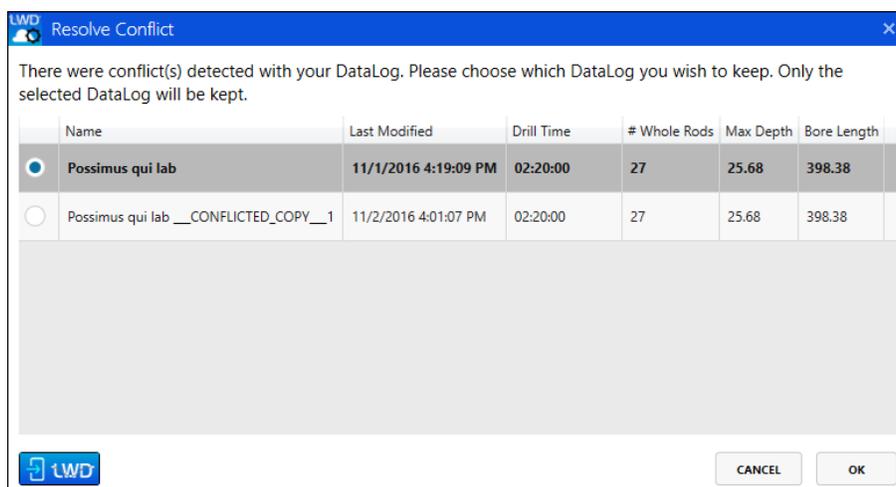
To open both versions of the job in LWD, click [⫍LWD]. Once you have decided which job to keep, return to this dialog box, select the job, and click **OK** to set it as the new last revision. Revisions cannot be merged; all data in the other revision will be lost. This is why it is important to not edit jobs that are not yet marked complete.

Jobs can be marked complete either in LWD Mobile or in CM using the right-click menu (see Editing Jobs on page 5).

– End of User Guide –