

BEFORE UPDATE _

Software Update

Checklist

Cyclone Register 360 Plus v2025.0.0 RTC360 v7.0.x FW Cyclone Field 360 App v6.0.0

Software Update Checklist:

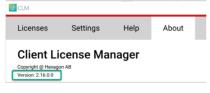
REG360 v2025.0.0 | RTC360 FW v7.0.0 | CF360 v6.0.0





Cyclone Register 360 CCP Must be Current:	• Verify Permanent Register 360 EID (CCP) / Maintenance is dated after February 1st 2025	Ouardity Expiration Maintenance er 360 Plus 0.0/31/27 01/31/27 66/6 Edean 1 01/31/27 01/31/27	
Delay Update of 3 New Installers If Register 360 CCP is Expired	• Register 360 Plus v2025.0.0 Register 360 Plus BLK Ed v2025.0.0		
	• RTC360 Firmware v7.0.0	Warning: RTC360 FW 7.0.0 data requires Cyclone Register 360 Plus v2025.x.x to import data.	
	• Cyclone Field 360 v6.0.0 Application	 Android CF360 App Release is Delayed 	
Date is Prior to February 1 ^{st,} 2025		 IOS Lidar Sensor Capture Tool Not Currently Supported in CF360 v6.0.0 Release. 	
Remain At Current Version if CCP is Expired:	Stay at v2024.x.x or prior until Customer Care Package (CCP) has been renewed.		
Validate: Mobile Devices <u>Do Not Have</u> Auto App Update Enabled	Open Settings on your iPhone or iPad. Scroll down and tap on "App Store". Under the Automatic Downloads section, toggle off the switch for App Updates.	Delay Update of Cyclone Field 360 Application The Control of Cyclone Field 360 Application The Control of Cyclone Field 360 Application The Control of Cyclone Field 360 Application The Control of Cyclone Field 360 Application The Control of Cyclone Field 360 Application The Control of Cyclone Field 360 Application The Control of Cyclone Field 360 Application The Control of Cyclone Field 360 Application The Control of Cyclone Field 360 Application The Control of Cyclone Field 360 Application The Control of Cyclone Field 360 Application The Cyclone Field The C	
Contact Sales / Support to update CCP	Software Release Update Guide: March 27th 2025	-v2025 Register 360 Plus (& BLK Ed) -FW 7.0.0 RTC360 & RTC360LT -v6.0.0 Cyclone Field 360 Application	

CLM_ABOUT: Verify Installed version of CLM is 2.14 or newer.



IMPORTANT DATA MANAGEMENT:

BL360 Devices that have Jobs that only exist on the CF360 Mobile Device That **HAVE NOT BEEN IMPORTED** Need to Import Data Prior to CF360 Update.

Possible Data Loss Possible when CF360 Application is Deleted During Update Process to latest v6.0.x

Archive all jobs on tablet(s)
Import BLK360 G1 & G2 Tablet Collected Jobs
ALL DATA FROM JOBS WILL BE DELETED IN UPGRADE

IMPORTANT: Projects created or edited in version 2025.0.0 or later are incompatible with versions 2024.0.2 and earlier. Please avoid making changes to projects in 2025.0.0 if you plan to complete work on the project in an older version.

Recommended v2025.0.0 (March 30 2025) SW Install, FW Update, Mobile App Update Workflow

PREPARE

Download & Unzip SW & FW Installers From MyWorld & Apple App Store



https://myworldportal.leicageosystems.com/ Update if Installed Version is prior to 2.14.x **CLM** Current Latest Version Offered 2.22.0



https://hdsu-smartplan.com/new-user-to-hds/#Download-Install-CLM-Licenses

Cyclone Register 360 Plus | BLK Edition V2025.0.0



https://hdsu-smartplan.com/new-user-to-hds/#Download-Install-Software

Sensors Firmware



https://myworld-portal.leica-geosystems.com/

Cyclone Field 360 IOS App V6.0.1

Application App Store IOS

RECOMMENDATION DO CF360 APP UPDATE LAST

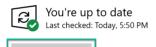


Note: Uninstall Classification Prior to Reg360

WINDOWS UPDATES:

Ensure all pending windows updates are installed. Reboot as required for multiple updates.

Windows Update



https://hdsu-smartplan.com/new-user-to-hds/#Window-Updates-Video-Card-Drivers

PREPARE_

WINDOWS:

Add/Remove Programs -Uninstall Old Versions Windows Updates Performed



Computer Hardware Evaluation



Check for updates

Laser Scanning Software Computer Recommendations

Processing point cloud data and imagery requires a good computer with adequate hard drive space and computing power. The following recommendations represent good specifications for a computer to use with our software



- •CPU: Latest Intel® Core™ i9 style, 16-cores or more
- •Operating System: Microsoft® Windows® 10 (64-bit), Microsoft® Windows® 11 (64-bit)
- •RAM: 128 256 GB
- •Graphics: NVIDIA® Geforce RTX™ 20-, 30-, and 40-series with 16GB video
- •Hard Drive: At least 2 very fast Internal SSD with a minimum of 1 TB. Add 1 HDD, 4-8 TB of space for project storage.

Note: Please use this information as a guide when choosing the best PC for your projects. This recommendation is a guide based on users, support, and our trainers experience. It is not the official specs published in help.

If you have any additional questions after reviewing our recommendations, you can contact us at hds.support@leica-geosystems.com.

https://hdsu-smartplan.com/new-user-to-hds/#Computer-Specifications

INSTALL ORDER

FIRST _ UPDATE:

CLM Client License Manager if prior to 2.14.x

Most Current v2.22.0



https://hdsu-smartplan.com/new-user-to-hds/#Download-Install-CLM-Licenses

SECOND _	UPDATE
Cyclone Re	egister 360 Plus
v2025.0.0	

Classification files will be updated with install Replace the Program Version Listed in CLM





Evaluate Free Hard Drive Space Important Notes: C Drive Should not be operated near full capacity Attempt to always have 300 GB Free Space on C Drive

C/ Drive
Install REG 360 Here

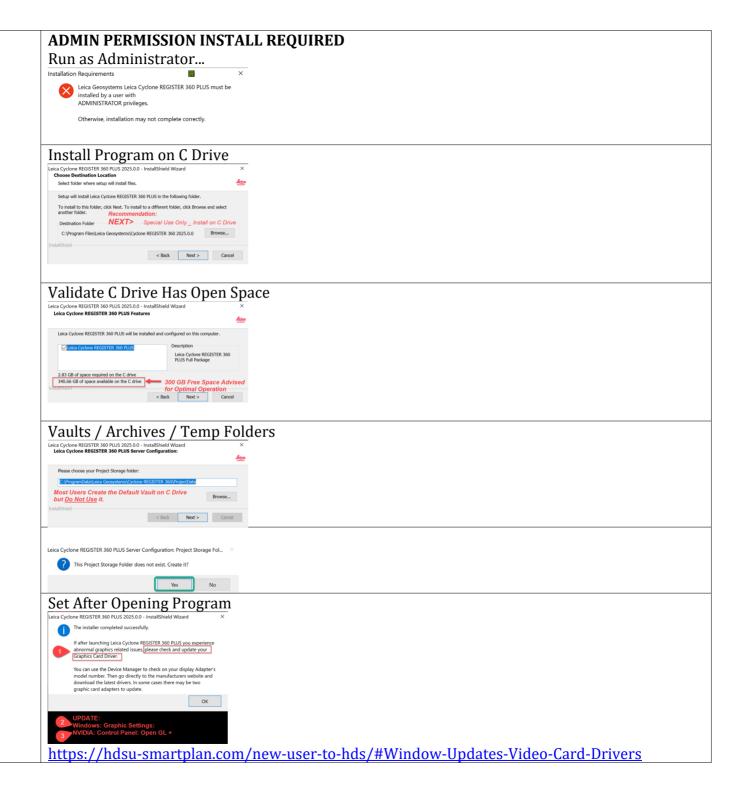
Reminder:
Avoid Mapping REG360
Storage Paths for Vault,
Archive and Temp Folders
to any automated backup
folders like "My
Documents"

Program Files
(INSTALL HERE)
REG360 Temp Space
(RECOMMENDED ~300+

GB FREE SPACE)

Temp Folder|C/JASS301TempC
For best results, use different folders for Archives and Project Storage

REG360 Vault on D
REG360 Archive Folder
on D
Leica Projects / 2025
(Active)
(Data Storage Folder
Structure)
Inactive Project Data
Reg360 Cold Storage
Vault on E



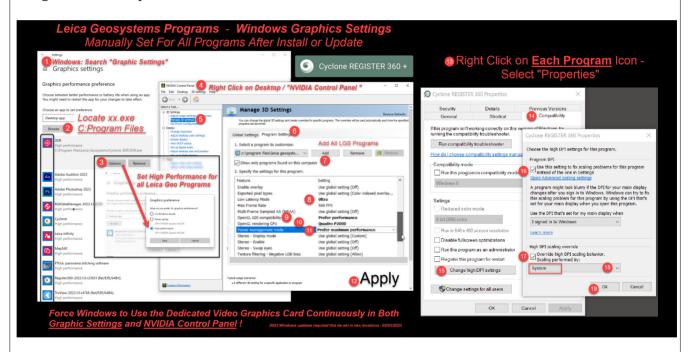
OPEN REGISTER 360 Plus

Close Program to Set Graphic Settings

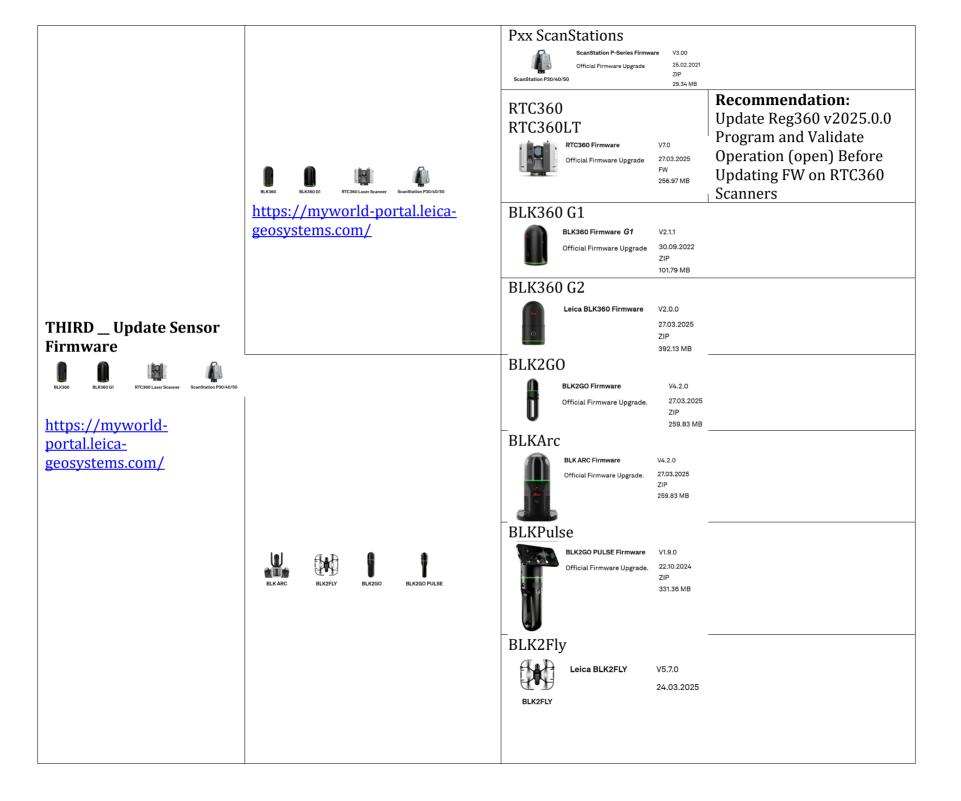
Validate / Update Assigned Folders after Update Temp Folder: C:/_Nsers/joke/AppData/Local/Temp/Register360/ Temp Folder: C:/_REG360 Temp C ...

SET GRAPHIC SETTINGS FOR OPTIMAL PERFORMANCE

Windows: Graphic Settings NVidia: Control Panel: Program Icon Properties:



https://hdsu-smartplan.com/new-user-to-hds/#Adjust-Graphic-Settings

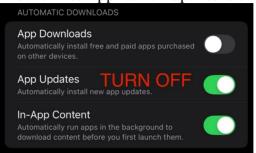


Android CF360 Version PENDING RELEASE....



Settings:

Ensure Auto Application Update is off



FOURTH _ Cyclone Field 360 v6.0.1



Archive all jobs on tablet(s) **Import** BLK360 G1 & G2 Tablet Collected Jobs

ALL DATA FROM JOBS WILL BE DELETED IN UPGRADE

Validate Sensor FW is latest version offered

Update BLK360 Scanner Data from Computer Browser Recommended: Multiple Progressive FW Updates Maybe Required

DELETE Cyclone Field 360 Application

Yes to Delete All Data

WARNING:

If App is updated without deleting the app and data the newly installed version will be required to be deleted to allow the tablet to connect to a scanner.

Application Store:

Download Cyclone Field 360 Application

Login to Cyclone Field 360 App

Username

lowercasenospaces

Password

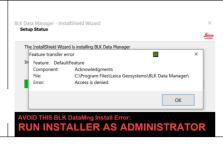
XXXXXXXX

Label device in Cyclone Cloud

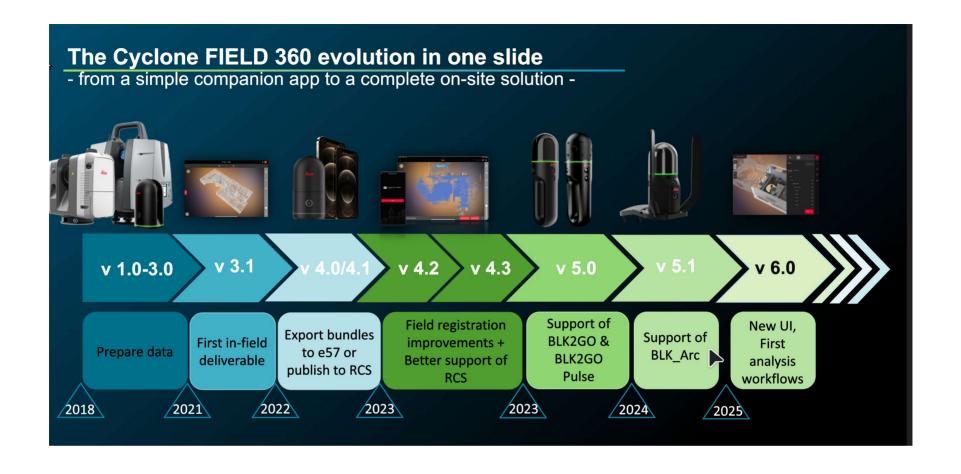
Explore New CF360 v6.0.1 Interface (See Attached Images Below)

FIFTH _ Utilities BLK Data Manager (Run Installer As Administrator)









Cyclone FIELD 360 6.0.0 release

RTC360 target fitting

General requirements

- RTC360 FW 7.0 required
- Scanner must be connected to FIELD 360 application

Best practices

- · Pick targets on intensity color map
- Pick far or not perfectly visible targets in 3D instead of 360 view
- Always try to pick as close to target center as possible – use zoom in
- · Always do visual check of target in 3D view
- Keep targets orthogonal to the scanner or reduce maximal measurement range

Supported target types



Target fitting accuracy

 The same as for Cyclone REGISTER 360 guaranteed only for official 4.5`` Leica HDS B&W target

Important disclaimers

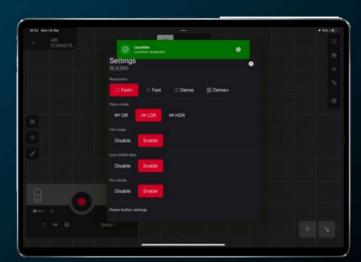
 Environmental conditions, angle of measurements, cleanliness of the target and accuracy of picking may impact maximum measurement range and accuracy

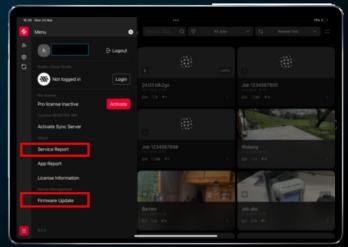


Cyclone FIELD 360 6.0.0 release

BLK family improvements

- Firmware update
- Service Report sent directly to the BLK support portal
- GNSS position for BLK360 G2 scans
- Eco-mode for BLK360 G2
- Image security settings for BLK2GO scanners







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