








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Release note

WindCube Scan software suite

Version 20.e

Package containing

■ Windforge server	3.3.2	
■ Windforge GUI	3.3.2	
■ API version	1.2.0	
■ Tools version	1.1.0	
■ OS version	3.2.0	

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1. Note on version number

Previous version of the WindCube Scan software suite was 20.c. Version 20.d is an internal version that has not been released to customers.

2. Major improvements

2.1. FTP export to a user-defined directory GUI WF

Activate Device	<input type="checkbox"/>
Status update period (ms)	5000
Server	192.168.114.12/var/data/
Port	21

It is now possible to configure an FTP user-defined sub-directory instead of just the root directory. Not only it adds more flexibility to the end-user, but also FTP mirroring process is consequently much faster as it does not need to scan the whole folder hierarchy.

3. Important bug fixes

3.1. Missing status rules fixed WF

In version 20.c some status rules management were inoperant. For instance, the Lidar status did not turn to CRITICAL if internal temperature or disk occupation turned to CRITICAL.

This bug is solved.

3.2. Beta calibration position unlocked WF

In version 20.c, the beta calibration scan started from 0° in elevation and 0° in azimuth, whatever the user's configuration in the Scan Library.

This bug is solved.

3.3. Pointing accuracy stability improved WF

In some units and under specific circumstances, a backlash could appear after homing (in case of reboots in particular). Automatic scanning head routines were added to prevent this phenomenon.

4. Known remaining bugs

4.1. Mistake in some serial number format

This bug only appears for unit having a serial numbers format WLSx00s-xxx. Does not concern units having a serial number format WCSxxxxxx.

Description

Since the introduction of WindCube Scan software suite 20.c, a “Lidar identity card” file is required. This card contains all information about configuration, notably the serial number.

Some ID cards coming contain an uppercase “S” instead of a lowercase “s” in the serial number.

When this happens:

- the name of NetCDF file are incorrect. For instance:
WLS400S-213_2021-04-06_11-55-35_ppi_440_75m.nc
instead of
WLS400s-213_2021-04-06_11-55-35_ppi_440_75m.nc
- All other places displaying/containing the serial number are impacted: GUI headband (title bar), “HW/SW info” tab etc...

Palliative

A correct ID card can be generated manually. Please contact our technical support service (+33 9 72 68 11 11 or support@leosphere.com) to confirm that your unit is eligible and organize your upgrade.

5. Change in data access and format

None

6. Change in conventions

None

7. Software compatibility

WindCube Scan software suite version 20.e is compatible only with the Wind and Aerosol Post Processing Software (WAPP) suite version 20.c.

8. Low level optimizations, bug corrections and stability improvements

- NO other evolutions of user graphical interface and messages
- NO other communication bug fixes or optimization
- NO other various bug fixes or code optimization

9. Upgrade procedure

This new version is complimentary. The upgrade from version 3.1.1, 20.a, 20.b or 20.c can be done remotely in less than 2h.

This upgrade does not require erasing the database. However, it is recommended to export all data from your system before performing the upgrade.

Please contact our technical support service (+33 9 72 68 11 11 or support@leosphere.com) to confirm that your unit is eligible and organize your upgrade.