Tersus Suite Release (V1.1.4.5)

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Overview

Tersus GNSS Inc. ("Tersus") is glad to release Tersus Suite Tool. It is available for download at www.tersus-gnss.com/software/david-receiver.

Tersus Suite contains some useful tools, including

1) **Tersus GNSS Center (version:1.1.4.5)**

    It's a PC tool that helps users configure the board and visualize the board running status. This software can help to improve user experiences about TERSUS products.

2) **TesusUpdate (version:3.0)**

    This tool is used to update the firmware of David and Tersus BX OEM board.

3) **TersusDownload (version:1.2)**

    This tool is used to download the files which stored in the emmc of David and Tersus BX OEM board.

4) **TersusRinexConverter (version:3.8)**

    It's a standalone convert tool which can help users convert their binary observation data (Selecting by Tersus OEM boards) into RINEX 2.10 or RINEX 3.2 format. RINEX is short for receiver independent exchange format, which is popular for post data process.

5) **Tersus GeoPix (version:2.0.0.6)**

    Tersus GeoPix integrates the functions of GNSS observation post processing, Event Mark interpolation and geotagging in EXIF. By clicking one button after

input all necessary data, the software will provide the result directly as input for image processing software.

Change from Previous Versions

Issue	Type	Version
GeoPix updates RTK engine and fixs some errors.	Enhancement	V1.1.4.5
GeoPix adds Chinese interface.	Enhancement	
GeoPix updates rtk engine and supports the format of DJI.	Enhancement	V1.1.4.4
Tersus Center supports decoding of BX40C logs.	Enhancement	
Tersus Rinex convert supports the decoding of OSCAR and BX40C	Enhancement	
Tersus Center adds directional arrow for heading log.	Enhancement	V1.1.4.3
Rinex converter changes the source data list.	Enhancement	
Tersus Center adds RTCM1033 while the board was configed as a base.	Enhancement	V1.1.4.2
Tersus Center fixes the bug of map loading.	Bug fix	V1.1.4.1
Rinex converter fixes the error of RTCM1019 decoding.	Bug fix	V1.1.4.0
Users can type in the start time and end time in Rinex converter.	Enhancement	
GeoPix fixed the error of glonass code-phase bias.	Bug fix	
GeoPix adds the RINEX format data reading function for rover data. The NMEA format outputting results add gpgst logs which content the information of lat-std, lon-std and alt-std.	Enhancement	V1.1.3.9
Tersus Center View config switch in GUI.	Enhancement	V1.1.3.8
RINEX converter fix the problem of the station name	Bug fix	

extraction error.		
GeoPix adds RTK Options that users can configure based on data conditions.	Enhancement	V1.1.3.7
GeoPix fixed truncation error for interface input base coordinates.	Bug fix	V1.1.3.6
Tersus Center fix the bug of GLONASS ephemeris log while choosing Rover mode.	Bug fix	V1.1.3.5
RINEX converter v3.3 supports to extract the maker name and maker number form file name. The format is as follow: AAAA_BBBB_doy.dat AAAA is the maker name and BBBB is the maker number, they are segmented by underscore (note: the second underline is necessary).	Enhancement	V1.1.3.4
RINEX converter v3.3 supports the convert of REC# /TYPE /VERS and ANT# /TYPE from tersus raw dat.	Enhancement	
RINEX converter v3.3 supports the new products of Tersus, which are named OSCAR receiver and BL409 board.	Enhancement	
Geopix changed the parameters to increase the fix rate.	Enhancement	
BASE-MODE antennal height is added to fix position in Tersus GNSS Center.	Enhancement	
Fix the linefeed bug in center log.	Bug fix	V1.1.3.3
Add antenna type information in RINEX header.	Enhancement	
Add google-map key	Enhancement	V1.1.3.2
Add base/rovel wizard	Enhancement	
Fix the problem of RTCM week.	Bug fix	
Fix postype in markpos.	Bug fix	V1.1.3.1
Add position type for TersusGeoPix	Enhancement	

Add shortcut optionals for install	Enhancement	V1.1.3.0
Add station-id edit for downloadfile auto-converter.	Enhancement	
Fix unicode path bug for TersusRinexConverter	Bug fix	
Add option for long/lat gcj02 converter(in China)	Bug fix	
Fix GeoPix bug (lack of latitude reference info)	Bug fix	
The RINEX convert tool fixed the bug of RTCM data spanning a week.	Bug fix	V1.1.2.9
Added Tersus GeoPix tool.	Enhancement	
Add auto RINEX Convert in tersus center when downloading.	Enhancement	
The RINEX convert tool now supports to convert the data logged by the David receiver.	Enhancement	V1.1.2.8
Add shortcut for TersusRinexConverter/TersusUpdate/TersusDownload.	Enhancement	V1.1.2.7
Change display info for TersusUpdate.	Enhancement	
Add [Base Network] in Tools, users can use it to construct fix base station.	Enhancement	
Add local file view for download, if the download file is interrupted, can continue to download.	Enhancement	V1.1.2.6
The update tool for BX is updated.	Enhancement	