

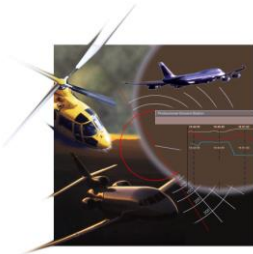
PGS 2022 V6.0.0

RELEASE NOTE No: RLN-PGS_6.0.0_IND-A

PGS 2022 V6.0.0

New Features

- Datalink
 - DLK datalink file can be converted to Honeywell DLU file.
- Type mapping
 - Parameter types are no longer based on external type_sys.csv and type_usr.csv files but instead embedded in PGS files (flight profile, database, 3D replay panel and instrument)
 - Mapping dialogs have been reworked to reflect above change.
- Parameters database
 - Extra information (Aircraft information and part Number) can be defined.
 - Import and export of FRED file have been added.
- Analysis
 - Analytics data can be exported to an Excel tables file to easily imported into third party BI software like Microsoft Power BI, Tableau, Qlik, ...
 - In a flight profile, Take Off and Landing can be defined.
- 3D Replay
 - Instrument studio and Instrument Panel studio have been moved from 3D Replay menu to 3D Replay Studio submenu.
 - A 3D Replay user panel shall be published (as a single file package) from Instrument panel studio to be used.
 - A published 3D Replay user panel can be imported or exported from Panel manager.
- DRM for Software protection and multi-seats licence
 - A DRM based system has been added to:
 - prevent illegal copies of the software.
 - allow multiple seats for a single licence number.
- Others
 - A "Third Party credits" has been added to About dialog.



PGS 2022 V6.0.0

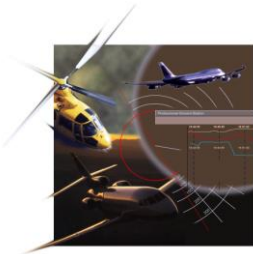
RELEASE NOTE No: RLN-PGS_6.0.0_IND-A

Improvements

- Analysis
 - if a Take Off is defined in a flight profile, analysed files with this flight profile have their start date time stamped with Take Off time. Otherwise, their start date is time stamped with beginning of the file time.
 - Take Off and Landing are now used to determine the airport of departure and arrival to avoid inconsistent longitude and latitude values.
- Parameter Studio
 - In Computed tab, parameter selection list window has been enhanced so that very long parameter names can be completely displayed.
 - In all tabs, Discrete formula window and Matrix formula window have been enhanced so that a long text can be completely displayed.
 - when doing Save As action on a selected parameter, the new parameter name is pre-populated with the selected parameter name.
- GUI
 - A warning message is displayed before closing all PGS dialogs when modifications have not been saved.
 - When a user marker is added to the flight parameters view, it is added to audio player as well if audio files are loaded.
 - In Fleet Management dialog, columns are now resizable.
 - "Instrument" menu has been renamed to "3D Replay".
 - In the database properties dialog, "Datalink Management Unit" has been renamed to "Communications Management Unit".
 - In Flights dialog, when deleting a file which is part of a project, the user is warned.
 - All icons of all toolbars have been redesigned.
 -
- Maintenance Recorders
 - Helionix
 - The new WAKS source is now supported in the data-blocks headers of flight files.
 - The source of flight files is now displayed into the information window of Quick Access Recorder

Fixed Issues

- Maintenance Recorders
 - Heliwise QAR is not available from the equipment list and cannot be selected as maintenance recorder in the Details windows of the aircraft. [Fixed]
- Analysis



PGS 2022 V6.0.0

RELEASE NOTE No: RLN-PGS_6.0.0_IND-A

- Duration of events based on parameters having frequency < 1 is correctly detected but not correctly displayed in the event report. [Fixed]
- Datalink
 - In the Datalink Viewer, the bottom view disappears if you press 'Esc' in the bottom view. [Fixed]
- Database
 - When a parameter is hidden it is no longer possible to select it as a Computed Parameter input. [Fixed]
- GUI
 - When graphic mode is selected to $< \text{line+point} >$ or $< \text{point only} >$ and the windows position is reset (by user or changing of PGS version), the state of the toolbar icon is reset but not the graphic mode. [Fixed]
- 3D Replay
 - In 3D view, when loading an instrument panel, Error #38 may occur because of a lack of DirectX texture memory. [Fixed]
 - In Panel editor, toolbar buttons states are not refreshed. They appear disabled (grayed) whereas they are enabled. [Fixed]
 - While running on Windows 10, closing Panel editor when at least one instrument is loaded makes PGS crash. [Fixed]

Known Issues

- Flight Recorders
 - HONEYWELL 980-6032-XXX
 - During the conversion of the CVR data to audio files, the download dialog of PGS may not respond but the resulting audio files are correct.
- Synchronisation
 - Loading data files with a different timeline may take a lot of processing time and synchronization may not be consistent.
- GUI
 - When displaying flight data, after several zoom-in, curves may disappear or may be displayed twice.
 - When some Flight parameters views are detached, if a marker is added to the main Flight parameters view, it does not appear in the detached Flight parameters views until they are refreshed.

Deprecations and Removals

- Software protection
 - Dongle based protection has been removed and replaced by DRM protection.