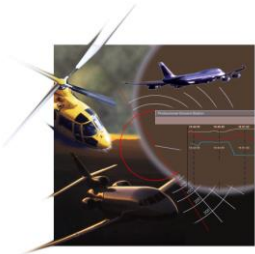# PGS 2024 V6.2.0

PGS 2024 V6.2.0

New Features

- Flight recorders
  - CURTISS WRIGHT D51701
    - Process of flight parameters from ARINC429 input sources.
    - Add synchronization information to processed files for ARINC664 and ARINC429 input sources.
    - Add an option to ignore data from accelerometers sources.
  - CURTISS WRIGHT D51730
    - Add synchronization information to all processed files.
  - ADAPTIVE AEROSPACE 200-100-00
    - Process of audio, and datalink.
  - ADAPTIVE AEROSPACE 200-200-00
    - Process of flight parameters.
  - ADAPTIVE AEROSPACE 200-300-00
    - Process of flight parameters, audio, and datalink.
  - L3HARRIS 1000-1210-00
    - Download and process of flight parameters and audio.
- Quick Access Recorders
  - APPAREO Vision 1000
    - Process of flight parameters.
  - AIRBUS HELICOPTER MARMS
    - Process of flight parameters.
- Custom Recorders
  - Add a custom recorder to PGS where data is processed through a third-party command line tool.
- ARB Database
  - Add settings in database properties to configure MARMS datablocks.
  - Add constant values as arguments for computed parameters.

Improvements

- Drag and drop
  - Drag and drop feature supports additional FDR and QAR file types.
- Statistics
  - Changes made from Flights dialog on Flight Number, From, To and Comment fields are stored in statistical database in addition to XFF files.
- GUI
  - Add Source files mode as Data Source to Download Crash Recorders dialog for 980-602X-XXX, 980-47X0-XXX and LDRs.
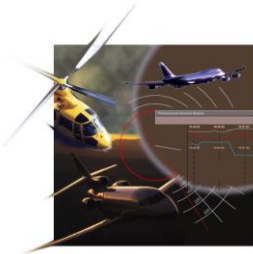 - Database Manager dialog loading duration is drastically faster.

- Graphic View
    - Save As feature in CSV mode contains additional options.
- FRED / XARB
    - FRED Import and Export features have been enhanced to consider unusual cases.
    - XARB Import and Export features manage all ARB databases content (parameters definition, groups, type mapping, events, measurements and counters).

Fixed Issues

- Flight recorders
    - CURTISS WRIGHT D5615-122, D51615-142, D51631, D51654:
        - When processing FDR data from Download Crash Recorders dialog in synchronized mode, PGS crashes. [Fixed]
- Analysis
    - When analysing flight data, root phase may not be detected after flight data file slicing. [Fixed]
- 3D Replay
    - In the 3D view, airports are not displayed. [Fixed]
    - In the Instrument Panel editor and Panel editor, the conversion formula of a parameter input is not saved. [Fixed]
- Synchronisation
    - When replaying FDR, CVR and DLR data together from 6900XXXX crash recorders, data are not synchronised properly. [Fixed]
- GUI
    - In Fleet Management dialog, the Download from source file and Analyse from source file features are missing for several crash recorders. [Fixed]
    - When refreshing files in Flights dialog, bad warnings regarding DLLs are displayed if analysed files contain computed parameters. [Fixed]
    - In Flight Profile Editor dialog, Take Off and Touch Down states are not saved. [Fixed]
    - In computed sheet of Parameter Editor dialog, the comment of Time.DLL formula is wrong. [Fixed]
    - In About dialog, Windows 11 is detected as Windows 10. [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.
  - HONEYWELL 980-6032-XXX
    - Data download may not work for an unknown reason at this time.
- 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

- OS
  - Windows 7 is no longer supported.