

Release Notes - DDS Software

Version 3.5.3

May 21, 2021

- Improvement – copying within trees keeps the sensor parameters
- Improvement – bearing shape can be on or off in centerline and orbit
- Improvement – fast change of graphs in tiles
- New data type – complex SMAX (for VA5 Pro / VA4 Pro fw 2.76)

Version 3.5.2

April 12, 2021

- Support Adash Server 2.0 (MySQL 8.0)

Version 3.5.1

January 20, 2021

- Optimization - New Database type, All clients using same DB must be updated (older clients won't be able to access new DB's) Stop online data collection before the installation.
- Improvement - Time waveform + Spectrum graph, harmonic second cursor
- Improvement - A3716/A3800 possibility to open Remote Desktop feature

Version 3.4.5

July 15, 2020

- New function - sound level data cell available for route measurement + online
- New function - Octave spectrum data cell available for route measurement + online
- Improvement - time interval export. Possibility to export only part of the tree.
- Improvement - FFT harmonic cursor, 2nd unit displayed Hz/Speed
- Improvement - speed setting – x2 x4 x1/2 and ¼ option to set
- Improvement - possibility to export FRF as FFT
- Improvement – apml. + phase, Order analysis, Phase shift, order resolution settings
- Improvement – Sending limit values to static data
- Improvement – bearing fault frequencies / BSF changed to BSF2 (2*bsf)
- New language - Romanian

Version 3.4.4

January 15, 2020

- Minor fixes

Version 3.4.3

December 12, 2019

- New function - e-mail notifications in online systems
- New function - direct export of one order from order analysis into APS data cell

- Improvement - Adash limits scale factor settings (Low/Medium/High)
- Improvement – data list sorting by clicking on column
- Improvement - pre(post)trig support for time waveform
- Improvement - pre-fill date and time when entering values manually
- Improvement – delta cursor in trend graphs

Version 3.4.2

Dezember 10, 2019

- Bug fixes

Version 3.4.2

October 16, 2019

- Improvement - CSV export now uses units from global settings
- Improvement - data reduction method changed (interval values are no longer used)
- Minor improvements and bug fixes

Version 3.4.1

August 30, 2019

- Improvement - 0-P value added into time signal right top corner info
- Improvement - possibility to change the emissivity in the thermo graph
- Improvement - quicker time interval export
- Improvement - reduction for filtered orbits
- Improvement - new view type Amplitude + Phase Trend in the Orders graph
- Improvement - Orders trend export changed + possibility to import as APS data cell

Version 3.4.0

August 9, 2019

- New function - VA5Pro analyzer support

Version 3.3.10

July 17, 2019

- New function - A3716 binary input support, tacho trig. level for speed probes
- New function - Failure report
- Improvement - Tree template (Tree backup without data)
- Improvement – New Virtual Unit support
- Improvement - Dynamic data loading improved
- Improvement - Data reduction can be applied only on statics, only on dynamics or both measurements
- Improvement - Conditional measurements can be controlled by value or alarm

Version 3.3.9

March 21, 2019

- New function - find harmonics
- Improvement - reworked graph with unit relations
- Improvement – reports reflects active filter(shows only filtered values)
- Improvement - added function to move up/down of saved selections
- Improvement - graph TWF/circular added simple cursor(angle)

Version 3.3.8

January 8, 2019

- New language - Chinese
- New function - deleting of measurements by time interval
- Improvement - Data Cell Properties dialog window loading time improved (for a large number of measurements)
- Improvement – pulses per rotation setting for tacho in online systems

Version 3.3.7

October 18, 2018

- New function - time signal + trend view
- Improvement - DDS Basic version supports SQL database
- Improvement - better spectra toolbar of harmonic / sideband cursors

Version 3.3.6

August 1, 2018

- New function - copying and moving measurements between data cells.
- New function - limits for order analysis.
- New function - first click into spectrum graph turns on the single cursor. You can change this behavior in the global settings.
- New function - fast selection of the same measurements in machine -> press and hold Ctrl + Shift and click on data cell in tree.
- Improvement - you can change active trend (in trend multigraph) by click into legend.
- Improvement - switching the spectrum reference on and off in main menu (Graph tab).
- Improvement - switching the spectrum/trend unit of X axe in main menu (Graph tab).
- Improvement - FASIT measurement contains a new parameter Fmin.
- Change – New online data collection policy. DataManager and HW (dongle key) is needed.
- Other minor improvements

Version 3.3.4

March 9, 2018

- New function - Spectrum data postprocessing (see manual Data Postprocessing)
- New data type File - See manual Reading (Measurement) Properties/Other types/File
- Improvement - Possibility to display only las N days or hours (see manual Settings section/Globals/General/Other/Display Readings from Last)
- Improvement - Possibility to display tooltips in main menu (Disp. Settings section/Globals/General/Other/Disp. Tooltips in Main Menu)

Version 3.3.3

January 15, 2018

- New function – Dynamic data Bit compression (up to 25% database reduction)
- New function – Online status (tool for monitoring of running online projects)
- Improvement – Summary according to data cell name
- Improvement – Automatic hold of data actualization (while working with graph in online database)
- A3716 – relay logic functions support

Version 3.3.1

September 14, 2017

- New unique function - Using statistics of data cell values for Limit values evaluation
- New function - Copying of reference and limit values from one source cell to many data cells at once
- Improvement - Circular time waveform – possibility to set a speed by delta/ periodic cursor or tacho speed
- Improvement - Sensor properties can be entered to many sensors at once
- Improvement - Download of zoom spectra from VA4Pro to DDS
- New data type - Octave spectrum (+ off-route data transfer from VA4Pro)

Version 3.3.0

July 21, 2017

- New function - A3716 - 64 channels Multiplexer setting
- New function - Saving of selected tree items (usefull when you made selection manually, you can open that selection again by one click))
- New function - Data compression/reduction (Statics, Spectra, Time signals)
- New function - New measurement (data cell) in 2D or 3D point is automatically defined in all inputs (function can be switched on / off)
- New function - Speed manual entry for selected part of the tree (Tree/ Set Speed)
- New graph type - Circular view of Time signal
- Improvement - A3716 – traffic lights colors in current values tab
- Improvement - SQL server – Database name is not derived from tree name
- Improvement - Save filter settings option
- Improvement - Notes in the tree are displayed also as a tooltips
- Improvement - New parameters in Structure report
- Improvement - Reference setting button (reference button can be set as a shortcut)
- Improvement - Labels on Z axis can be displayed in waterfall
- Improvement - Moving of limits by mouse can be switched off (users were accidentally changed limits)
- Improvement - Search in tree list available (searching by name of the tree)
- Improvement - Adjustable thickness signal line in a graph
- Improvement - New option when you run DDS - The default database is opened OR List of databases is displayed for selection
- Improvement - Spectra overlay in the multigraph (different colors)

Version 3.2.4

May 16, 2017

- New data type - Order spectrum + support for VA4Pro / A3716 (FW 02.57)
- Improvement - VA4Pro (FW 02.57) support for FRF - PAS added (=Phase Assigned Spectrum)

- Improvement - VA4Pro / A3716 - Support for trigger-controlled measurements - overall/twf/orbit/smax
- Improvement - A3716 Online - twf/orbit values are saved with tacho marks
- Improvement - Twf & orbit values - option to display values with / without offset (gap)
- Improvement - Incompatibility route data cell notification (90kHz range can not be send to VA3 Pro)
- Improvement - Lubri route Export / Import support (RouteDownloader 1.4.0)
- Improvement - User definition for graph colors in multigraphs available
- New function - Export of data by time interval

Version 3.2.3

March 1, 2017

- DDS 2017
- New data type - Filtered Orbit
- New data type - Ultrasound
- New function - Polar graph from order analysis
- New function - Improved export of data to CSV
- New function - Bearing clearance display for center line and orbit
- Improvement - Modified look of center line graph, GAP settings, speed labels
- Improvement - Modified zoom dialog of 2D graphs
- Other minor improvements

Version 3.2.2

December 22, 2016

- New function - VA3 Lite for free version of DDS
- New function - playback ACMT, periodic cursor
- New function - check update, download and installation
- New function - zoom window for spectrograph
- Improvement - sensors - ac/dc/acdc
- Improvement - sorting in tree list
- Improvement - multicopy tree items
- Improvement - warning icon for expired route measurements
- Improvement - simplification of bearing database window
- Improvement - better indication of transfer route to instrument
- Change - settlings prolongation settings moved to sensor settings

Version 3.2.1

November 15, 2016

- New protocol type - Last monitored machines
- New function - create short name or remove tree item from route path
- New function - Virtual Unit as instrument (all function from VA4) + directory selection for data
- Improvement - playback speed for time waveform
- Improvement - definition 2D, 3D sensors in sensor database
- Improvement - added global settings Detect Type for Acc/Vel/Disp in Spectrum/Order analysis
- Improvement - now it is possible to move the Legend by mouse
- Improvement - frf - added auto phase option
- Improvement - logic of speed inheritance

Version 3.2.0

September 23, 2016

- Brand new failure report type - created from FASIT measurements and user notes
- New function - Backup/Restore tree (database)
- New graph type - time waveform waterfall
- New function - current values display from A3716 (requires new version firmware A3716 v2.52)
- New function - last N readings included to report
- VA4, VA3 - support of new notes format (VA4 2.52, VA3 v1.08)
- VA4, VA3 - manually entered speed in route (VA4 2.52, VA3 v1.08)
- VA4, VA3 - settling prolongation for sensors (VA4 2.52, VA3 v1.08)
- A3716 - contains FASIT measurement type (A3716 v2.52)

Version 3.1.9

August 3, 2016

- New graph type - filtered orbit (for order analysis)
- New function - add new averaging type for static data cells (VA4Pro/VA3Pro - lin, min, max, median)
- New function - add new limits types for static data cells
- Improvement - safely remove instrument
- Improvement - new drawing modes of cursor (Globals/Skin/Cursor Drawing Mod - XOR, Mask ..)
- Improvement - add "Keep Original Selection" into filtration dialog (save first tree item under witch is filtered)

Version 3.1.8

June 9, 2016

- Improvement - Virtual Unit as new instrument(available for license with VA3 or VA4)
- Improvement - Lock Cursor also changing cursor type in other graphs
- New Graph Type - spectrum Amplitude Trend(Amplitude/Speed)
- Improvement - now Trend Multigraph can display relations between units on Y axes
- Improvement - FASIT can be display only as trend
- Vibrio M - support for FASIT values(FW 4.55 and newer)

Version 3.1.7

May 19, 2016

- New data type - FASIT (VA4Pro/VA3)
- New data type - IR Temperature(VA3/Vibrio)
- Improvement - Gear definition (+removed tachometer factor)
- New function - Frequency Families
- New function - Variable Speed
- German Language

Version 3.1.6

April 21, 2016

- New function - VA4Pro (fw 2.48) / VA3Pro (fw 1.05) Scaled detect type
- New function - Axe X in Order
- Improvement - Timewaveform/ACMT + Spec - spectrum only from selected delta(periodic) cursor

- Improvement - Timewaveform/ACMT axe X in sec
- Improvement - more params. in initial settings dialog(power, freq, units)
- New function - report Statistics
- Improvement - change dB range by local menu, only for graph spectrograph

Version 3.1.5

April 1, 2016

- VA4Pro/VA3 - records in instrument window
- VA4Pro - variable speed new machine parameter(VA4Pro fw 2.48)
- Improvement - analyse record accessible via double click in tree/right click in record preview
- Improvement - plays sound from timewaveform only from delta cursor
- Improvement - reports show either full tree items path or reduce path

Version 3.1.4

March 10, 2016

- Improvement - report opening on startup
- Fixed bug in route database(Tbl_Dyn... not exist)

Version 3.1.3

February 29, 2016

- New function - play time waveform as a sound
- New function - induction(asynchronous) motor analysis
- New function - peak hiding in spectrum graphs
- New function - report of last measurements
- Improvement - route - send data cells in alarmed state
- Improvement - preview for record data cell

Version 3.1.1

February 5, 2016

- DDS 2016
- New data type - frequency response
- New view type of spectrum - spektrograf
- New function - tree synchronization
- New function - gearbox frequencies calculator
- New function - reference values in static and spectrum data
- New time waveform & orbit feature - display + DC offset
- More informations in extended props
- New way to edit limits or bands - can be modify by mouse from graph
- Reports - is possible choose displayed columns
- Online - search online units in network
- New function - Save and display tacho marks from VA4/VA3 timewaveform and orbit
- Improvement - enabled label multieditation

Version 3.1.0

November 24, 2015

- Phase: AUTO - new Y axe range type for aps reading
- New Data Cell types - Balancing report and Image
- Gradient - new draw style of waterfall (Global settings/All Graphs/Waterfall/Draw Style)
- New filtration task - by Route
- New spectrum feature - Top Peaks List (Spectrum/Right click/Labels/Display Top Peaks)
- Edit data in Data List enabled (Edit, Add, Delete)

Version 3.0.0

October 9, 2015

- Vibrio Route Downloader
- Online

Version 2.2.8

September 24, 2015

- VA4Pro/VA3 Route Downloader
- User Permissions
- Time interval for Next machine
- Fixed scales
- Multiselection for bearing edit
- Loading last N measurements (static)

Version 2.2.5/6

July 29, 2015

- Change order of displayed bands(clearer for many overlapping bands)
- Add to cursor bar(spectrum and time waveform) order information(frequency in multiples speed)
- Now confirmation isn't save in Confirmation Note(if delete Confirmation Note, confirmation remain). Now you can confirm Tree Item. Can be done Undo Confirmation.
- Basic report, by reading incorrectly displayed alarm whole Data Cell
- Generate report, when you press shortcut, has not written text

Version 2.2.4

June 22, 2015

- After selecting Data Cell and pressing key Tab, will be selected Data Cell of same type and same quantity in next measurement point
- Shortcur for skip to next Meas Point/Machine
- Add speed information into Cursor Bar in APS Graph (graph type Polar)
- Add into global settings number stacked columns
- Shortcut for graph maximalization/minimization
- Function Item Summary by selection in Tab Tree/Items/Summary
- Shortcut for skip to previous/next tab

Version 2.2.1

May 28, 2015

- Tree windows arrangement: Tab Tree/Panel Tree Window/Tile Horizontal, Tile Vertical, Cascade

- Active graph copied to clipboard by shortcut Ctrl + C, add caption from graph window to graph in clipboard
- Warning when exceeding route size in Vibrio M
- Initial Vibrio Ex support
- Warning by exceeded 90% maximum size of demo DB(200MB) + warning by exceeded maximum size of demo DB
- Add function compress in to tab Tools (available for Free DDS)
- Graph ACMT - Ampl + Spec
- Compact mode for generate reports(you can activate in Global settings/General/Other/Report Compact Mode)
- Associate DDS 2014 with the .ndb file extension (option in installation or in Windows association manager)
- Add Data Type Phase Shift
- Change layout of global settings
- Add Logarithmic and Decibel Axe to Spectrum Graphs

Version 2.1.0

April 17, 2015

- DataCell Extended - [R] -> Transfer to Route
- Routes - expiration
- VA4Pro - sending refer values
- Multiedit values - time & speed
- Added language por
- Installer / Data location
- Graph ACMT added periodic cursor
- APS Graph
- New data cell automatically added into routes
- Filtration and Selection - all data cells
- Global settings / Route
- Upgraded DB Format
- Graph type time waveform + spec
- New global property for static graph - hide unit X

Version 2.0.3

February 10, 2015

- Data type: Record (VA4Pro v2.36 & newer), SMAX, Orbit
- Export static data to csv,html
- Added languages rus, fr, hun

Version 2.0.2

January 13, 2015

- Label type Speed
- Local settings Legend Position
- Amplitude Stacked in graph orda

Version 2.0.1

December 16, 2014

- Warning about old database format after creating new...

- Labels in static multigraphs better behaviour
- Z info in waterfall from multi spec/order graphs updated
- Removed unused statusbar
- VA4Pro/VA3 interface update
- Installer on WinXP (div by zero)
- Upgraded db format
- Alarm reports/ detect type

Version 2.0.0

December 12, 2014

- Add/Edit trend values
- MSSQL: Trusted connection
- SQLite: Shrink, DB sizes in Open Dialog
- New Graphs: Static, Spectrum, Order Analysis, Time waveform, Multigraph versions, Stacked graphs, Setting limits by mouse
- Maximum Demo DB size is 200MB(old limit was 100MB)
- Instruments: Initial VA3 (New) support, Vibrio-M Prox support, Experimental support for drag'n'drop directly into tree
- New Global settings + common for all users
- New Installer
- Import from DDS2011 (testing v)

Version 1.0.5

July 3, 2014

- RUS language
- VA4Pro - add data to existing data cell / meas point
- Vibrio M - add tree into existing route
- Bearing Database - added GPZ bearings
- Language selection after install
- Licence: Management, SN in file name, More licenses/hasp keys for one program, Separate directory, Auto import from CD...

Version 1.0.4

May 14, 2014

- French language
- Added new icons

Version 1.0.3

April 14, 2014

- Protocols: templates, storing view units, detect type, grid, graph types, waterfall angle+overlap
- Basic interface for static limit values
- Data Cell + edit data
- Multiedit: sensors, lim. values, deleting data
- Wideband detecttypes crest/kurtosis/avg
- Added Order Analysis options
- VA4Pro: spec saved as complex (view only ampl.), manual entry (DataCell/Route)
- Experimental support for multigraphs (only in preview): Static data multigraph, Spec data (one range + same unit)

Version 1.0.2

March 27, 2014

- Experimental support: ACMT + graph, APS (+ ampl static graph), MS SQL Serv2012
- Values + instrument info

Version 1.0.1

March 23, 2014

- Czech language
- Experimental support for VA4Pro measurements: orbit measurements & graph, order analysis measurements & graph
- Selection and new rules for selection/filtration, case sensitive
- Create Data Cell from template
- Help
- Find in Bearing

Version 1.0

March 7, 2014

- First official release