DPlus V1.6 Release Notes

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Version : 1.6
Status : Final

1 Introduction

Salland Engineering is proud to announce the release of version 1.6.0 of our data analysis tool DPlus. DPlus has been built for product and test engineers with the latest and greatest software technologies. It features a modern and intuitive, context-driven user interface and the predefined building blocks help you quickly understand complex data analysis.

2 Release notes

The list below shows a summary of the most important enhancements and features in version 1.6.0.

- Improvements
    - Multiple processing performance improvements such as CSV Column sorting , CSV conversion, STDF loading, information conversion, zooming, statistic table visualization and project loading
- Added features
    - Ability to easily copy-paste dataset setups into merged datasets
    - Export chart statistics
    - Quick report containing chart statistics accompanied with the image
- Bug fixes
    - Several reported issues by internal and external users are resolved, please refer to Appendix A.

3 Installation prerequisites

From version 1.5 onwards, only Windows operating systems version 10, build 17763 of November 2018 and higher are supported.

In case you have any specific, product related questions, please feel free to contact dplus@salland.com

Thank you for using DPlus!

Team DPlus

Appendix A

DPLUS-565 Crash when importing csv with stdf info with more than 32767 columns

DPLUS-787 When assigning chip id the chart calculation is slow

DPLUS-828 Export to CSV converts infinity symbol to text "infinity"

DPLUS-868 BoxChart is slow when choosing 7 or more tests and resize

DPLUS-1368 on spt dataset for ETS-800 there is a custom column sorting with poor performance

DPLUS-1479 Test filter are slow with SPT files

DPLUS-1793 Test Index column should not be shown

DPLUS-1936 Memory not released when closing project

DPLUS-1939 Line chart are slow when zooming and moving

DPLUS-2025 Failcount incorrect for statistics table with CSV dataset

DPLUS-2266 XY chart is calculated twice at project load

DPLUS-2281 Scatter chart low performance sometimes

DPLUS-2610 Closing the standard dataset table causes memory leak

DPLUS-2913 Part identity not set automatically in a group

DPLUS-3083 STDF reader cannot determine pass/fail state of bin

DPLUS-3266 Statistics table is very slow on groups

DPLUS-3308 Layout of table for Group is reset to default (column resize) when Parent changes.

DPLUS-3457 Merge dataset does not take PartIndenty of the first file

DPLUS-3550 In histogram, Custom Bin Count does not work when Bin Calculation is set to Limits

DPLUS-3569 Box chart's pane(s) are empty when split Test Number into multiple panes using Local Filter

DPLUS-3576 In raw table dataset, the tool tip does not show the full value or if a part is duplicated.

DPLUS-3582 In the Raw table when applying chip id with Nans it can occur that the wrong data is being displayed in the raw table.

DPLUS-3634 In raw data table or Output view table, highlight of a selected columns moves along as user scrolls horizontally.

DPLUS-3643 Copy setup from dataset to merged dataset not working

DPLUS-3645 Copy chipid settings to other Dataset with different number of tests

DPLUS-3663 Adding part filters does still not show all columns for filtering

DPLUS-3664 In Options, filter settings, hide columns part filter is broken

DPLUS-3718 Wafermap default settings from option pane not working anymore

DPLUS-3723 Statistics table with local limits: Colors wrong?

DPLUS-3748 In the test filter the rows sometimes don't appear with spt dataset

DPLUS-3766 Pareto Chart incorrect BIN count

DPLUS-3773 Copy testrows from table into excel removes parts with empty cells

DPLUS-3792 During the loading of a project file datasets are not loaded Async

DPLUS-3804 Incorrect binning

DPLUS-3811 Dplus gets stuck after generating Run Chart with 15MB CSV and specific column mapping

DPLUS-3818 In raw table when you resize a column the color and value can be mis assigned if you near the end.

DPLUS-3819 Full crash of DPlus after working with 350MB CSV to change column mapping and create run chart

DPLUS-3834 Reproducibility table calculations incorrect

DPLUS-3836 Repeatability table RepIndex%, calculation wrong infinity

DPLUS-3841 On loading Scatter chart does init correctly when a test filter is involved

DPLUS-3842 In group Scatter testnumber that should be disabled aren't

DPLUS-3845 Crash when following STD chapter 10.1.3

DPLUS-3846 Crash when adding dataset to merged dataset.

DPLUS-3847 Group with XY Scatter chart can crash DPlus

DPLUS-3858 SPT-to-MPT converter is not notifying user when conversion fails.

DPLUS-3860 Grr and Reproducibility don't save their local filter correct

DPLUS-3861 Copy (drag/drop) of a partfilter on dataset hangs Dplus

DPLUS-3862 In waferMap when you select surface map it will not display anything

DPLUS-3863 Update Salland logo in application

DPLUS-3866 Local limits disappearing in Run chart, Histogram, Normal Probability plot and Box plot

DPLUS-3867 Replace Salland logo in the manual sections

DPLUS-3876 Part filter quick filters are not rememberd

DPLUS-3882 When exporting filters, the resulting table only takes first part column.

DPLUS-3898 Dataset stdf export is non function and just returns an error

DPLUS-668 Export chart statistics together with image

DPLUS-3564 Export statistical table of charts

DPLUS-3586 In tables all groupings should be expanded by default

DPLUS-3751 Update header in User manual

DPLUS-3752 Add Salland logo in User manual

DPLUS-3754 Description of Merged Dataset is very brief in manual