

# SmartView

Release Notes

03/01/12

## RELEASE NOTES

### VERSION 2.26.1

#### NEW FEATURES

- Enable export of charts in PDF format

### VERSION 2.26.0

#### NEW FEATURES

- Baseline Release

### VERSION 2.25.55

#### ALTERATIONS AND ENHANCEMENTS

- Add ability to change a selected chart(s) in Set Range dialog
- Prevent errors when plotting Z-Smith/Y-Smith/Extended Smith and Histogram charts
- Enhance clock jitter measurement functionality with Synthetic Clock reference signal for Eye diagram

### VERSION 2.25.54

#### NEW FEATURES

- Optional “Regular expression” mode in Data Filter
- Extension for using Unicode text for data annotation in Text Label, AB Marker, Data Marker, Probe, Slope, Plot title, Axis title, and Triangle Marker
- Maintain between sessions the last used image format for “Export plot->To File” command

#### ALTERATIONS AND ENHANCEMENTS

- Prevent inconsistent parametric data loading order from HSPICE data file (.sw, .ac, .tr)

## **VERSION 2.25.52**

### **NEW FEATURES**

- Support for “.CX” files
- Ability to load “.MT” files with engineering notation
- Ability to load FSDB files with 64 bit simulation time

### **ALTERATIONS AND ENHANCEMENTS**

- Support large numbers (up to maximum value DBL\_MAX) on LOG axes

## **VERSION 2.25.40**

### **ALTERATIONS AND ENHANCEMENTS**

- Place grouped traces to chart in the same order as they appear in the Data Browser
- UTMOST IV FT data grouped traces have lines connecting the points
- Amend X-Axis range on LOG scale with specific UTMOST IV data

## **VERSION 2.25.39**

### **ALTERATIONS AND ENHANCEMENTS**

- Support for Spectre PSF files

## **VERSION 2.25.37**

### **NEW FEATURES**

- Ability to show VGS parameters and file name in the legend for DC sweep analysis

### **ALTERATIONS AND ENHANCEMENTS**

- Modify order of bus data signals from RAWD file

## **VERSION 2.25.33**

### **NEW FEATURES**

- Improve font size adjustment
- Hide chart labels when label size larger than chart plotting area
- Move labels position slightly inside of chart area

## **VERSION 2.25.31**

### **NEW FEATURES**

- Support for RAW data file names containing UNICODE characters

## **VERSION 2.25.21**

### **NEW FEATURES**

- Support for FSDB data files in Data Filter on Data Browser panel
- Ability to use FSDB data in project file
- FSDB factory default settings
- Ability to use chart with small height e.g. as font size (10 pixels)
- Ability to turn off the chart grid
- Data Browser supports Hierarchical View of FSDB data files
- Use FSDB analog signals in Vector Calculator

## **VERSION 2.25.17**

### **ALTERATIONS AND ENHANCEMENTS**

- Amend reloading RAW file updated under Gateway
- Improve support for multi-line labels in project file

- Long vector name can be displayed in Data Browser when Grid type selected
- Resolve an error when RAW file reloaded, resimulated, deleted and loaded

## **VERSION 2.25.15**

### **NEW FEATURES**

- Support for FSDB (EPIC, MENTOR, NANOSIM) type files

## **VERSION 2.25.12**

### **NEW FEATURES**

- Ability to view FSDB files generated by SmartSpice
- Bus names match Verilog syntax [lsb:msb]
- Digital bus signals can be expanded to display each bit signal
- Display pop-up warning for every product when applying preferences to factory defaults
- Align Y-axis when creating Adobe PDF file or printing PostScript file with multiple displayed charts
- Data mapping type of histogram is set to 'SmartSpice' type by default
- "Number precision" in Preferences ->Numbering also used for the Single Measurements Utility results
- Use intermediate state decoding on Digital chart
- Periodically append RAWPTS points from .RAW file
- Wait at SFLM error dialog before exiting application
- Disable 'Invert' and 'Log' entry in the Axis context menu for Digital Chart
- Trace can be deleted only from selected plot
- Ability to label last minor tick on Log Scale

### **ALTERATIONS AND ENHANCEMENTS**

- Enhance support for VCD format

- Improve incremental loading of two vectors with identical names from .tr0 file
- Enhance functionality for plotting Eye diagram
- Add ability set threshold value in period measurement tool
- Enhance Axis Visibility settings on Axis Editor Dialog
- Use same line width when creating a PDF file for multiple charts

## **VERSION 2.25.4**

### **NEW FEATURES**

- Ability to copy multiple period measurements to clipboard through context menu of the table

## **VERSION 2.24.14**

### **ALTERATIONS AND ENHANCEMENTS**

- Add optional ability to use expression as a new vector name when comparing two signals
- Display Japanese version of User Manual when LANG is set to “Japanese”(-lang=ja)

## **VERSION 2.24.10**

### **NEW FEATURES**

- Ability to display Digital chart in Chart Preview Window
- Select trace by clicking on trace name in the legend
- Display maximum X-axes major tick on log scale
- Label last minor tick on log scale (optional)
- Optional support for extended expression entry in SV calculator

## **VERSION 2.24.9**

## NEW FEATURES

- Ability to view digital data as spreadsheet

## ALTERATIONS AND ENHANCEMENTS

- Support for "Low" signals on Digital chart

## VERSION 2.24.7

### NEW FEATURES

- Apply Vector Calculator to multiple simulation results
- Ability to use vertical scroll in text editor for Title Properties
- Draw bars from bottom as default chart mode for Harmonic Spectral plots

### ALTERATIONS AND ENHANCEMENTS

- Enhance measurement "Cross Point", "Find at Crossing" and " Find at Y" when occurrence set to 0
- Support functionality of preferences settings "Remove extra sims" and "Max number of sims" when LANG is set to "ja"(Japanese)
- Enhance line attributes on Triangle Marker
- Improve loading and displaying of SILOS VCD files