

DFTView

DIRECT DISPLAY OF WGL AND STIL WAVEFORMS

Source III has collaborated with SpringSoft, combining their industry-leading technology with our powerful translation technologies to provide a powerful graphical viewing and debugging tool for DFT and Test Engineers dealing with WGL and STIL files. The new product is initially available for use with SpringSoft's Verdi/nWave tools. It will provide DFT and Test Engineers with the following capabilities:

- Direct waveform display of WGL and STIL files
- Direct waveform viewing of VTRAN-generated Verigy 93000 test programs
- Ability to examine resulting ATE waveforms applied to DUT for corresponding WGL and STIL files.
- View affects on waveforms from edits to source WGL and STIL files.
- Supports vector-related portions of 1450-1999, 1450.1 and 1450.6 STIL standards.
- Supports WGL & STIL syntax for all popular ATPG tools (TetraMAX, FastScan, Test Encounter).
- Extremely fast waveform display and browsing using proprietary compressed database.
- Point-and-click linking between source WGL/STIL files and waveform display positions, both directions.
- Source WGL/STIL file editing with automatic RE-GENERATION of new waveforms
- Partial file loading for large files

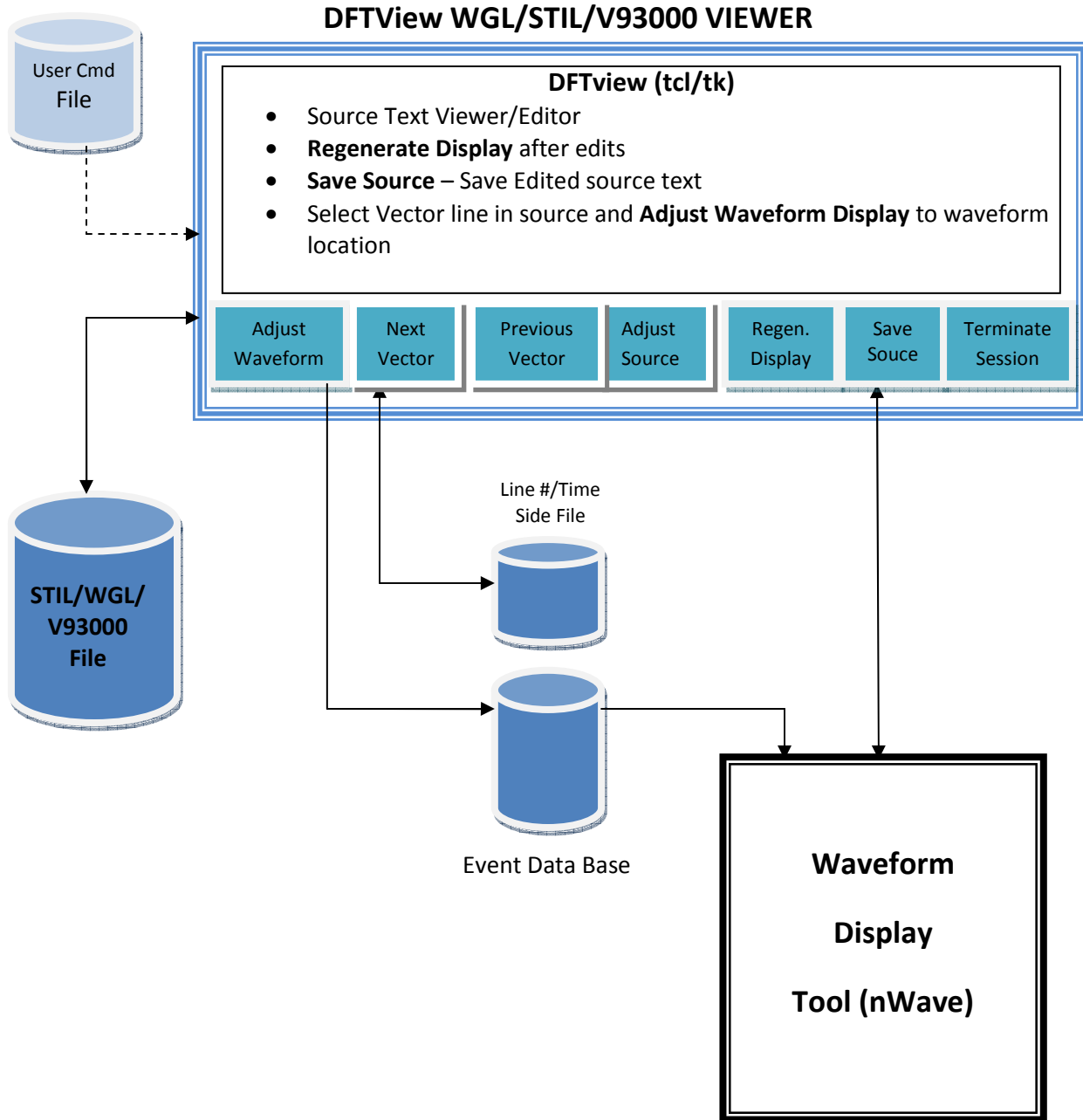
Additional planned feature enhancements for the near future include the following:

- Timing-View only for graphical view of Timing blocks in WGL/STIL files
- Support for viewing additional vector and test formats on various ATE
- Enhanced WGL/STIL file syntax checking.
- User Editor option so you can use your favorite text editor with DFTView

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DFTview works in conjunction with VTRAN's WGL and STIL canned readers. It is launched from the command line with a source file name (WGL/STIL/V93K) and some optional parameters. It first reads the source file and translates it into an event database for the Waveform tool. It next launches the Waveform tool to display the event database, and simultaneously creates a Text Edit window containing the source file and a collection of action buttons. From here the user can (1) view/edit the source file, (2) Regenerate the display after any edits, (3) save the edited source and (4) adjust the display to show the waveforms corresponding to a Vector location identified by the cursor position in the text editor.

