Release Notes
TYX TRD System
Version 3.0.3
19 December 2005

1. Overview

This is a maintenance release of the TYX TRD System version 3.0.0.

2. Detailed Description

2.1. Critical items

2.1.1. Security setting for macros in third-party applications

Microsoft Excel and Visio support the configuration of security features that impacts the ability to execute macros. The TRD System uses such macros to implement integration with Word, Excel and Visio. Consequently, these products have to be configured properly, to accept the execution of macros. Detailed instructions are provided in the Installation Guide.

2.1.2. Operating system and third-party software compatibility

Operating systems: this version was tested with Windows 2000 SP4 and Windows XP.

Microsoft Office: this version was tested with Visio 2003, Word XP, Word 2003, Excel XP and Excel 2003. **The product is not compatible with earlier versions of Visio, Word and Excel.**

Microsoft Visual SourceSafe: this version was tested with Visual SourceSafe 6.0a and Visual SourceSafe 6.0c.

2.2. Known Limitations

2.2.1. Duplicate Failure Mode Temporarily Created in Fault Editor

Adding Failure Modes to Component Types that have already been assigned to Components causes a warning message to be displayed, informing the user that these Failure Modes will not be automatically assigned to the Components of that Component Type. This message is correct. However, during the display of the message, a duplicate of the newly added Failure Mode appears in the grid. The duplicate disappears from the grid once the warning message is closed. It does not get saved in the TRD Project. This peculiarity does not affect the normal operation of the program.

2.2.2. <u>Automatic Test Renumbering Feature Not Documented</u>

The automatic test renumbering when moving Tests occurs only when the Performance Tests numbers are in ascending order. This behavior is by design. It is not documented in the Help System.

2.3. Problem Reports

2.3.1. <u>The release fixes several problems identified for release version 3.0.2:</u>

- Index field is not updated after deleting a power source in Power Requirement Editor
  After deletion of power sources, the data is refreshed in the editor and the index field is updated

- New TRD projects created from template project that has been released, contain the revision information from the template
  The revision information is cleared when a new TRD project is created, allowing the revisions to be generated from the initial level

- Deleting a single Diagnostic Test is not allowed if it has another test connected to it on Go
  The code has been changed to allow the deletion of individual Diagnostic Tests if they have other tests connected to them on maximum one branch (either Go or Fail)

- Test Connectors attributes "Type" and "Function" are not available for editing in the UUT Interface Editor. Incorrect information is transferred in sheets for these attributes
  Two more columns have been added in the UUT Interface in the Connectors/Test Connectors tab to allow entering values for "Type" and "Function". Data entered in these columns is transferred in the corresponding fields in the TRD sheet.

2.3.2. <u>The release provides improved functionality to the following operations:</u>

- Editing in the Appendix Editor
  The editing of data in the Appendix Editor can be canceled by the user at any time.

- Logging the validation results
  The validation results are saved in an external file. The file, having the name of the TRD project and extension .log, located in the same folder as the TRD project file, can be opened in a separate window to facilitate the process of correcting the validation errors.

- Sorting of components in Fault Ambiguity Group
  The components in a Fault Ambiguity Group are sorted first by Failure Rate, in descending order, and then numerically (instead of alphanumerically). E.g. if C1, C2 and C10 have the same Failure Rate they will show C1,C2,C10 in the Fault Ambiguity Group

2.3.3. The release modifies the order of columns "Performance Test" and "Diagnostic Test" in Fault Editor, Data Explorer and in Component Failure Mode Report ("Performance Test" column precedes "Diagnostic Test" column)