Release Notes
TYX TRD System
Version 3.0.6
4 April 2006

1. <u>Overview</u>

This is a maintenance release of the TYX TRD System.

2. <u>Detailed Description</u>

2.1. Critical items

2.1.1. <u>Security setting for macros in third-party applications</u>

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. <u>Operating system and third-party software compatibility</u>

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. <u>Duplicate Failure Mode Temporarily Created in Fault Editor</u>

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. Automatic Test Renumbering Feature Not Documented

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.

2.2.3. Horizontal limitation of the Test Strategy layout

For extremely large diagnostic branches, the drawing area expands horizontally causing an upper limitation of the zoom level. The upper zoom level starts to decrease below 100% for a test strategy layout having more than 187 diagnostic tests defined horizontally. The upper zoom level of 76% is reached for a number of 258 diagnostic tests defined horizontally. Below this zoom level the layout becomes hard to read, that is why the number of diagnostic tests defined horizontally for one performance test should not exceed 258.

2.2.4. Performance Test branch cannot be split on multiple pages in Test Strategy Editor

A Performance Test branch (i.e. a performance test and all the subsequent diagnostic tests deriving from that performance test) cannot be drawn on multiple pages. This imposes a limitation on the number of diagnostic tests that can be defined On Go (vertically) to 365 tests.

2.2.5. Restrictions in deleting, moving and duplicating Test Blocks on multiple page layout

Because of the complexity of the Test Strategy layout and because the content of Test Blocks can be drawn on multiple pages, deleting, moving and duplicating entire Test Block branches (i.e. selected Test Blocks together with all the Tests and Replace actions that belong to it) is not allowed anymore. The same functionality can be obtained by deleting, moving or duplicating each Performance Test branch belonging to that Test Block.

2.3. Problem Reports

2.3.1. The release provides improved functionality for the following operations:

- *Case sensitive strings can be entered in Fault Editor and UUT Interface Editor in fields that are constrained to be unique, providing more flexibility in specifying Connectors, Pins, Components, etc.*
- *Detailed Test Information Editor displays Input Condition Characteristics in multi-line cells*
- *Merge operation preserves the assignment of merged Faults to Tests and R/R actions, as long as it doesn't create a conflict with existing Faults*
- Multiple ranges of Pins, Failure Modes and Components can be specified in add and duplicate operations