

## **TYX Test Requirements Document Tool Selected**

**Reston, VA - September 1, 2009** – EADS North America's Defense Test and Services' TYX business unit ([www.tyx.com](http://www.tyx.com)) announced today that a leading defense contractor has selected its TRD tool to document the test requirements for a major C4ISR program. More detailed information will follow.

The Test Requirements Document (TRD) System helps users develop and document the strategy and structure of test programs using TRD format screens, flowchart generation tools and documentation formats, all in accordance with the most popular military standard formats or with unique custom formats. It also captures and preserves unambiguous test strategies and supports development of Test Requirements Documents (TRDs) with easy-to-use forms and automates the generation of documents in Microsoft Word and PDF formats. Also, it has the ability to automatically generate ATLAS test programs.

A set of documentation templates for development of TRDs conforming to Mil-Std-1519 is provided as a default format. It includes templates for Excel reports for Pin and Component Analysis. A set of custom-developed templates can be developed to support customer unique documentation formats with specific information.

TRD System generates flowcharts in Microsoft Visio format and offers a choice of flowchart types (either Functional or Test Strategy) as well as a customizable page layout (single page or multi-page) which enables users to select the amount of test data to be included in flowcharts.

The TRD tool Failure Mode & Fault Coverage Analysis module supports the input of failure mode information for the Unit Under Test (UUT) and the assignment of detected and isolated faults to various tests which form the TRD's test strategy. It performs an automatic fault coverage analysis, compares calculated performance to program requirements and displays results in Microsoft Excel reports.

With its customizable code generator, TRD supports the automatic generation of code in ATLAS or other programming language selected by the user.

In addition, TRD can import data from DSI eXpress tools for Integrated Systems Diagnostics Design (ISDD) processes providing full Design-For-Test capabilities.

"TYX is proud of TRD being selected for the test requirements documentation function in this very important defense program and is firmly committed to provide tools and services that will ensure our partner's success" said William B. Weeks Jr. Sales and Business Development Manager at TYX.

**About TYX ([www.tyx.com](http://www.tyx.com))**

TYX is a world leader providing automatic test equipment (ATE) software and programming tools. The Reston, Virginia-based TYX has four main product lines: the PAWS (Professional ATLAS Work Station), TRD (Test Requirements Documents Tool), SigBase and TestBase.

**About EADS North America ([www.eadsnorthamerica.com](http://www.eadsnorthamerica.com))**

EADS North America is the North American operation of EADS, the second largest aerospace and defense company in the world. As a leader in all sectors of defense and homeland security, EADS North America and its parent company, EADS, contribute over \$10 billion to the U.S. economy annually and support more than 190,000 American jobs through its network of suppliers and services. Operating in 17 states, EADS North America offers a broad array of advanced solutions to its customers in the commercial, homeland security, aerospace and defense markets.

**About DSI International ([www.dsiintl.com](http://www.dsiintl.com))**

DSI International offers creative, customer-focused solutions to intelligent diagnostic design and provides expert technical services to support all Diagnostic and Systems Engineering goals. DSI International is the leading provider of state-of-the-art design tools, centered on the powerful eXpress diagnostic modeling and analysis software tool, enabling rapid and accurate system diagnostics design development, knowledge capture, trade study analysis and redesign.