

Volume 14, Number 1

## European e**X**press<sup>™</sup> Users Group in Paris, France, April 8, 2008

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#### Final Call: European eXpress Users Group

If you would like to join in and attend the European *eXpress* Users Group, now is the time to make your plans. All visitors from outside France must register by March 8, 2008. Please visit the DSI website (<u>www.dsiintl.com</u>) for registration details.

This Users Group meeting expects to have an attendance of more than 70 people! This is a rare and special opportunity to share in discussions and observe how the most experienced European contingent has incorporated **eXpress** into their Diagnostic Engineering processes.

DSI has long boasted about the innovative applications we have been privy to learn from our co-experts and **eXpress** Diagnostic Scientists in France. This expertise has resulted from their 15-year meticulous study of **eXpress** and their maturing of the integration role of **eXpress** into their diagnostic engineering processes. This is an opportunity that sheds a different perspective on diagnostic engineering and promises to be invaluable!

Today, as more and more major companies in France rely on the robust diagnostic capabilities of *eXpress*, we expect to hear from a few members from this contingent at the Users Group. Remaining space is limited so immediate registration is rather urgent!





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2008 European *eXpress* Users Group

EADS Defence and Security

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## **Bringing the Future into Light**

# Coming Summer of 2008

(Watch for the "STAGE Preview" Webcast this May, 2008)

## STAGE - Coming Summer '08

A Software Module that can use diagnostic information from *eXpress* (or may be used independently) to seed an infinite number of trade studies and analyses in evaluating operational support or costing scenarios and its impact on mission success using maintenance, phasing, prognostics and/or any other factors as variables.

Availability:	Version 1.0 by August 2008	
Sneak Preview: April 8, 2008 at the European eXpress Users Group in France		
Preview:	Special Webcast on STAGE will be scheduled for May 2008	
Software Support:	No Maintenance Plan, however ability to upgrade to new versions at reduced price.	

Unlike any other Support Simulation tool, **STAGE** uses actual design data and diagnostic characteristics to produce highly accurate diagnostic and support projections over any selected lifetime. The **STAGE** simulation package offers dozens of basic Trade-Off Algorithms for different generic evaluation studies, and allows a scripting capability to support an infinite number of conceivable Trade-Off Studies. Although some simulation capabilities may be limited in scope in Version 1.0, you can expect DSI to add further enhancement, projection capabilities and trade off tools to the exciting new support tool within the next year.

Additional details of **STAGE** can be found on the DSI website at: <u>www.dsiintl.com/weblogic/stage2008.aspx</u>

## 5.10.6 **eXpress**<sup>™</sup> Release

DSI is proud to announce the release of *eXpress* 5.10.6! This new release contains greatly enhanced features to deal with multiple subsets and operating modes as well as enhanced reporting.

- Subsets, Operating Modes and Diagnostic Scope
  - Subsets
    - Path-based subsets
    - Attribute-based subsets
    - Subsets based on Explicit Selection(s)
    - ♦ Failure Severity-based subsets
    - Ocmbination Subsets

 Support for functions defined in terms of functions/failure modes

- Enhanced FD/FI by category report
  - Reformatted using Tables
  - New XML and Excel Formats
  - Includes non-weighted FD/FI statistics
- New Functional Hierarchy Report
- New Operation allows input filters to be updated/modified as a batch

Visit the DSI website for more info on this exciting new release!

www.Testability.com

www.DiagnosticModels.com

www.Diag-ML.com

# EDA XML Import Module

The EDA XML import module is a software module that will allow schematic design data from a CAD tool to be importable into **eXpress**. The EDA import module will enhance the efficiency of **eXpress** modeling on projects were CAD drawings already exist. These occur on many programs where legacy designs are reused, design modifications are dictated, or technology insertion opportunities arise. Occasionally, there may be a need just to analyze an existing design for diagnostics & testability assessments. Whatever the driving force, the EDA XML Import Module from DSI can import CAD drawings into the **eXpress** tool environment saving valuable time, improving productivity and increasing modeling accuracy.

This EDA Import Module may require the use of one (1) or two

(2) other non-DSI supplied tools, depending on the features and options inherent with the host CAD tool:

1) The EDIF writing tool (optional with some CAD tool suppliers) from the host CAD development manufacturer

## and/or

2) The "Studio Pro" from Elgris (<u>www.Elgris.com</u>), may be needed to generate an EDA XML file in a format that interfaces to the EDA XML Import Module, if the host CAD tool is unable to generate the EDA XML file.

## Availability: Now!

Please visit the DSI website for more information on the EDA XML Import Module

Data Source Administration		$\mathbf{X}$
<ul> <li>Assembly Links</li> <li>Attributes</li> <li>Failure Modes</li> <li>Plug-In Data Sources</li> <li>Testing</li> </ul>	Data Source Properties         Data Source Name:       Testing         Data Source Filename:       D:\Work\DSI\EdaXML Import\Sampl         Update Options       Objects: <ul> <li>Move and Size objects to match EDAXML</li> <li>Leave existing objects where they are now in eXpress</li> </ul> <li>Port Location:         <ul> <li>Move ports to match EDAXML</li> <li>Leave existing ports where they are now in eXpress</li> <li>Port Flow:</li> <li>Change Flow Direction to match EDAXML</li> <li>Leave existing port flow as it is now in eXpress</li> <li>Net Connectivity:</li> <li>Add and remove ports to match EDAXML</li> <li>Only add new ports to nets</li> <li>Leave port connectivity as it is now in eXpress</li> </ul> </li> <li>Layout Options         <ul> <li>Tile Pages of Multi-Page Designs:</li> <li>Vertically</li> <li>Horizontally</li> <li>Import Annotations</li> </ul> </li>	
New Delete	Update Now Help Done	Ì

## **Training Schedule**

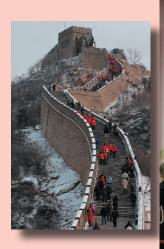
Course Number	Pre- requisite	Course Description	Dates	Location	POC
100		System Diagnostics Concepts and Applications	21 Apr, 2008	Orange, CA	Denise Aguinaga, DSI
110	100	Basic Modeling & Introduction to Testing	21 Apr, 2008	Orange, CA	Denise Aguinaga, DSI
120	110	Introduction to Testing & Analysis	24 Apr, 2008	Orange, CA	Denise Aguinaga, DSI
200	120	Advanced Diagnostic Development & Assessment	28 Apr, 2008	Orange, CA	Denise Aguinaga, DSI
205	200	Advanced Test Development & Importing	30 Apr, 2008	Orange, CA	Denise Aguinaga, DSI
210	205	Advanced FMECA Development & Assessment	2 May, 2008	Orange, CA	Denise Aguinaga, DSI

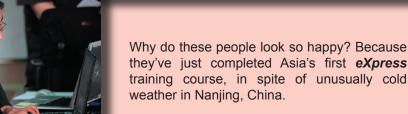
For more information, visit our web site at www.dsiintl.com

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2008年1月





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