eXpress Diagnostic Deployment

IETM Environment

DSI International
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**eXpress Diagnostic Deployment – IETM Environment**

**eXpress**

Run-Time Authoring Tool

- Reads DiagML files from eXpress
- Provides options for customizing the display of exported data
- Publishes data for eXpress Java Applet, DSI Workbench, and custom solutions
- Facilitates the mapping of regions in alternative views to elements in the design
- Supports creation of test/repair procedures

Commercial IETM, Diagnostic Executive, Written Documentation (Static Diagnostics)

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eXpress Diagnostic Deployment – IETM Environment

**eXpress** Java Applet

- Runs in any Web Browser
- Allows *eXpress* data to be shared with individuals who do not have *eXpress*
- Provides hierarchical display of objects, nets, functions, failure modes, tests and diagnostic trees
- Replicates the exact appearance of model drawings in *eXpress*

Commercial IETM, Diagnostic Executive, Written Documentation (Static Diagnostics)

*eXpress* Java Applet (Commercial Web Browsers)

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**eXpress Diagnostic Deployment – IETM Environment**

- **eXpress**
  - Designed to be used by technicians
  - Allows *eXpress* diagnostics to be deployed in production & maintenance environments
  - Highly customizable (alternative design views, detachable/movable windows, automation options, test/repair procedures)
  - Support for diagnostic sessions, health monitoring, integration with test equipment

- **Run-Time Authoring Tool**
- Commercial IETM, Diagnostic Executive, Written Documentation (Static Diagnostics)
- *eXpress* Java Applet (Commercial Web Browsers)

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Select the *eXpress* design for export.
Add any additional data to be used during diagnostics and maintenance.
Calculate diagnostics within eXpress.
Export the diagnostic design using the eXpress DiagML export.

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Import the DiagML data from *eXpress* into the Run-Time Authoring Tool.
Attach documents as alternative views for DSI Workbench.
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Trace objects on the alternative views for mapping to design objects.
Map highlighted regions to the diagnostics by selecting the corresponding object(s) in the design.
Add additional document and procedure references to objects and tests.
View isolated fault within DSI Workbench.
Select the repair or replacement procedure for the isolated fault group items.
Open multiple views and design details windows in DSI Workbench.