



DSI Products & Tools	Applicable Life Cycle Phases (✓ Indicates where DSI Tools Support each Phase)																						
	Concept & Initial Design					Design Development					Test & Manufacturing				Maintenance & Sustainment								
	Concept Phase	Proposal Phase	Requirement Allocations	Initial Design & Trade Studies	Maintenance Concept & Planning	Preliminary Design Phase	Diagnostic Design & Development	Test Set Development	Technical Publications & Support	Logistics Support Analysis (LSA) Support	Critical Design Phase	Criticality & Flight Worthiness Review	Integration & Test	Maintainability & Testability Demo	Factory Acceptance Test & Checkout	Diagnostic Run-Time Environments	Depot Level Repair	Intermediate level Repair	Organizational Level Maintenance	Operational Health Management	Maintenance History & Trending	Technology Refresh Opportunities	Life Cycle & Sustainment Studies
Providing the Complete Solution for Diagnostics Throughout the Lifecycle   <b>ISDD</b>  <i>Contact DSI for Specific Product or Tool Application or Expert Engineering Services</i>																							
<b>eXpress</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								✓	✓
Reliability Module (FMECA Plus)			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								✓	✓
Maintenance Module			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fault Tree Analysis Module							✓	✓	✓		✓	✓	✓	✓								✓	✓
Dynamic Diagnostic Module							✓				✓				✓	✓	✓	✓	✓				
Prognostics Module							✓				✓				✓	✓	✓	✓	✓				
eXpress ML Import/Export Module	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							✓	✓	✓
User-Defined Inferences Module					✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓
<b>STAGE - Operational Support Simulation</b>	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓		✓	✓	✓		✓	✓	✓	✓
<b>Run-Time Authoring Tool (RTAT)</b>							✓		✓	✓			✓	✓	✓	✓	✓	✓	✓	✓			
ATML Test Results Module *													✓	✓	✓	✓	✓	✓	✓	✓			
PDEL Test Results Module *													✓	✓	✓	✓	✓	✓	✓	✓			
S1000-D Module							✓		✓				✓	✓	✓	✓	✓	✓	✓	✓			
Dependency Matrix Module							✓		✓				✓	✓	✓	✓	✓	✓	✓	✓			
<b>eXpress Design Viewer<sup>†</sup></b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
Redline Module <sup>†</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
<b>DSI Workbench</b>							✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
History & Feedback Module							✓								✓	✓	✓	✓	✓	✓	✓	✓	✓
API Module							✓								✓					✓			
Database Administrator Module							✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Database Report Viewer Module							✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Diagnostic Reasoners</b>							✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Embedded Reasoner (Windows)							✓				✓		✓	✓	✓	✓	✓	✓	✓	✓			
Embedded Reasoner (Linux/VxWorks)							✓				✓		✓	✓	✓	✓	✓	✓	✓	✓			
Dynamic Reasoner‡ (Windows only)							✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		

\* The ATML and PDEL Test Results Modules are configured in RTAT, but utilized within DSI Workbench.

† The eXpress Design Viewer is a freeware viewer of eXpress model and diagnostic data; the Redline Module, however, requires a license.

‡ The eXpress Dynamic Reasoner can be used with DSI Workbench, STAGE, and third-party products (Windows only)



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