

Semantic Designs Launches Modernize Software for Automated Legacy Modernization

Semantic Designs launches a dedicated unit to migrate COBOL, PL/I, and other legacy systems to Java, C#, and Azure using its proven DMS toolkit.

AUSTIN, TX, UNITED STATES, August 12, 2026 /EINPresswire.com/ -- Semantic Designs, the Austin-based software engineering firm behind the [DMS Software Reengineering Toolkit](#), today announced the launch of [Modernize Software](#), a dedicated business unit that helps enterprises migrate business-critical legacy systems to modern platforms.



Future of Modernization

Modernize Software converts applications written in COBOL, PL/I, ADABAS/Natural, JOVIAL, ColdFusion, and other aging languages into modern Java, C#, and Azure-based systems. The new unit consolidates more than two decades of Semantic Designs' automated software transformation work under a single brand purpose-built for enterprise modernization programs.

At the core of every engagement is DMS, Semantic Designs' proprietary technology that fuses symbolic AI with enhanced compiler technology. DMS parses entire codebases, routinely spanning millions of lines, builds a complete semantic model of the system, and regenerates it as modern, maintainable code that preserves the original business logic while adopting the architecture and idioms of the target platform.

"Enterprises run their most critical operations on systems fewer and fewer engineers can maintain. Modernize Software gives them a deterministic, verifiable path to modern platforms, at a scale manual rewrites cannot reach," said Dr. Ira Baxter, Founder and CEO of Semantic Designs.

The approach is already proven in production. Semantic Designs' engagements include terminal

operations software for DP World Southampton, platform modernization for ANZ, financial planning software migration, and the landmark conversion of the B-2 Stealth Bomber's mission software from JOVIAL to C for Northrop Grumman.

Transformations through DMS follow formally defined rules, produce verifiable results, and scale far beyond the reach of manual migration. Generative AI operates as a distinct augmentation layer, accelerating documentation, test generation, and code review across each project.

The launch arrives as pressure on legacy platforms intensifies. Enterprises in banking, insurance, government, logistics, and manufacturing face rising mainframe costs, shrinking pools of legacy expertise, and growing risk in systems too critical to fail and too opaque to change. Engagements are delivered incrementally so core operations continue uninterrupted throughout migration.

Modernize Software is available immediately, with services spanning code analysis and assessment, legacy language migration, custom language migration, and full mainframe-to-cloud modernization programs.

About Semantic Designs

Semantic Designs, Inc., headquartered in Austin, Texas, builds advanced program analysis and transformation technology. Founded by Dr. Ira Baxter, the company's DMS Software Reengineering Toolkit has powered some of the largest automated code migrations ever completed.

Randy Matthias
Modernize Software
+1 260-580-2567
[email us here](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/933422611>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2026 Newsmatics Inc. All Right Reserved.