

Alchemy Solutions Legacy Modernization



For most organizations “legacy code” means mission critical, core business applications running on mainframes. With decades of mainframe experience, Alchemy Solutions understands the reliability and responsiveness these applications need. We deliver modernize-as-you-migrate solutions for CICS and batch COBOL applications, fully integrating them into Microsoft’s .NET Framework.

Alchemy Solutions offers a modernize-as-you-migrate strategy for moving from costly mainframe platforms to the much more agile Microsoft .NET environment. With this strategy you can:

Reduce operational costs in range 60 to 90%

- by using the much more price competitive Microsoft Windows Server platforms and the highly productive environment and tools of Visual Studio.

Accelerate delivery of new application features

- by the proven RAD capabilities of Visual Studio (speeding development by up to 80%) and our modernization of CICS transaction-supporting applications to ASP.NET and JCL to Jscript.

Retain program and programmer assets

- existing COBOL code is preserved and the value of both program and programmer is increased as they can achieve new results in the .NET environment.
- programming staff motivation is increased as they are provided with leading-edge development tools and are working in the mainstream of today’s Internet-oriented technology.

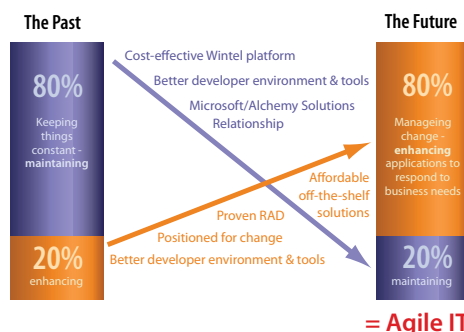
Achieve Agile IT organizations

- by migrating your COBOL applications off expensive mainframe environments to the more cost effective .NET platform, you are enabling yourself to keep up with the pace of technology. Wherever the .NET Framework goes you can go with it.

Integrate Web and legacy code and developers

- because .NET is a language-neutral environment COBOL, C#, Visual Basic, and

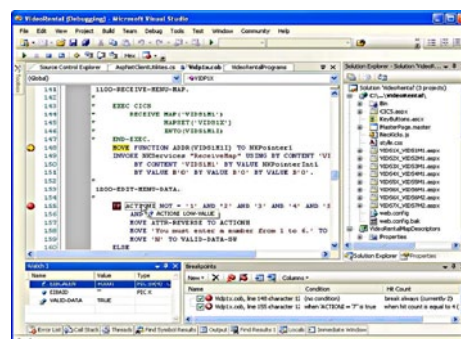
other language programs can be combined, allowing you to use code and developers from different origins in the same projects. - transitioning applications to provide Web Services is made easy



The Alchemy Solutions legacy modernization message

NetCOBOL for .NET

Provides the foundation for bringing CICS and batch applications to an exciting future. It is tightly integrated with Visual Studio so programs can take full advantage of the rich .NET Framework class libraries and integrate with code written in other languages. The integration with Visual Studio provides a highly productive COBOL development environment.



NetCOBOL integrates with Visual Studio

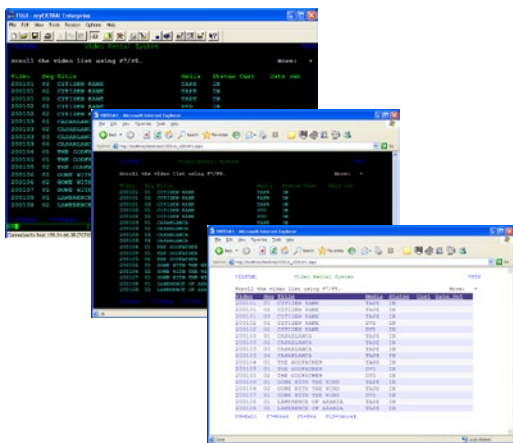


Benefits of the Alchemy Solutions Approach

- Leverage investment in legacy assets (people and code)
- Highly automated conversion to reduce manual effort and increase quality
- Ensure the move away from legacy mainframes is a success
- Take advantage of systems that are more responsive, flexible and cost effective
- Free up IT budget funds to drive business forward
- Position applications for the move to SOA
- Remove reliance on shrinking mainframe resource pool

NeoKicks™

Designed for bringing CICS and batch applications to the .NET environment, providing a similar system architecture while enabling the applications to take maximum advantage of the modern interfaces and technologies provided by the .NET Framework. You can convert BMS maps into ASP.NET Web page interfaces, yet preserve mainframe style keyboard input. This often allows companies to transform one of the most inflexible parts of their application architecture to a modern architecture. NeoKicks provides extraordinary performance on Windows easily getting 100's of transaction per second on small windows servers.



Original 3270 screen

First step - near identical look and feel within an internet browser

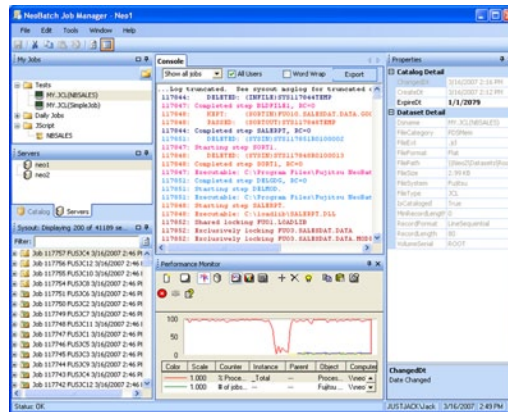
Later step - start taking advantage of rich GUI features

NeoData™

Helps you migrate VSAM data to Microsoft® SQL Server® without rewriting legacy COBOL code. Provide your application users with the benefits of having data stored in SQL Server without going through difficult and risky code and data transformations. A friendly user interface and clever use of SQL Server features mean that you can make this significant modernization step with a small amount of effort.

NeoBatch®

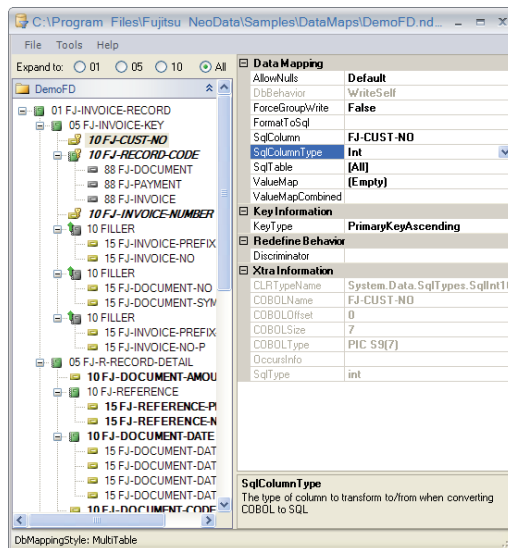
The long term solution for bringing mainframe JCL to the Windows/.NET environment. It executes JCL under the control of the NeoBatch Job Manager in a manner that is highly compatible with mainframe batch job execution. You can choose to maintain your batch jobs as JCL or have them transformed to Microsoft® JScript® as a route to greater .NET/Windows operating system integration in the future.



NeoBatch Job Manager combines a highly usable interface with familiar mainframe concepts.

NeoSort™

A specially packaged version of Nsort™, the world's fastest sort program, that integrates with NeoBatch to support IBM® DFSORT® commands within migrated JCL jobs. Because NeoSort takes advantage of all the hardware made available to it—such as multiple processors, multiple disks, and memory—it can deliver exceptionally fast sorts of even your largest files.



NeoData Mapper provides a user friendly interface for analyzing record structures and mapping to the appropriate SQL table structure.



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