

# Automated migration of your mainframe environment

To the Microsoft Application Platform with Asysco Migration Technology (AMT). Moving beyond the mainframe is easier than you think. Asysco and Microsoft will help you enhance the value of your applications and data while reducing your costs.

## When your mainframe becomes a business risk

Until recently, there were no reliable alternatives to big iron for running mission-critical, legacy applications. However, as your costs have steadily increased, and the pool of available expertise has dwindled, you have come to see your continued dependence on the mainframe as a serious business risk. If you've been delaying the decision to leave your mainframe behind, there has never been a better time to make your move.

## Find a solution that meets your needs

Perhaps you've heard that confidence continues to grow in enterprise-class, Microsoft technologies such as Microsoft® Windows Server®, Microsoft SQL Server®, Microsoft Hyper-V™, Microsoft System Center, Microsoft SharePoint® Server, Microsoft BizTalk® Server and Microsoft Visual Studio® Team Foundation Server. Furthermore, you'd like to take advantage of a low-risk, automated migration solution. More importantly, you want to make the transition a non-event for your daily operations. Asysco offers the proven technology and methodology for breaking the big iron shackles that are keeping you from reaching your full potential.

## Achieve your ideal target

Our automated migration solution aligns with your enterprise resource planning (ERP) strategy. Getting off the mainframe means your IT department will no longer be a house divided when it comes to achieving your objectives for application development, commercial off-the-shelf (COTS) software integration, system administration, data security and disaster recovery. If your ultimate goal is to free your applications and improve your competitive advantage with modern, versatile, industry-standard technologies, Asysco and Microsoft can help.

## Team up with Asysco and Microsoft

Asysco and Microsoft have cultivated a strategic relationship to provide compelling mainframe alternatives. This relationship will broaden the options available to customers and allows them to achieve the transformation of their business with confidence. By taking advantage of this solution, you can:

- Leverage the full power of AMT
- Move directly to the Microsoft .NET Framework
- Shut down your Unisys or IBM Mainframe
- Move to a dynamic, agile platform
- Lay the groundwork for modernization and innovation

## Look beyond migration

With a like-for-like migration to the Microsoft Application Platform, you can preserve your organization's business logic without a reengineering effort. After migration, your new platform will offer the additional benefits of screen refactoring, database normalization, replacement of flat file interfaces with Web services and full integration of single sign-on security with Active Directory®. Consequently, you'll enjoy lower development costs, improved usability and increased agility.

## Take your next step

Contact your Microsoft account manager or the Microsoft Enterprise Platform Modernization organization. For NA, LATAM or EMEA, contact the PMA Leads alias ([migrate@microsoft.com](mailto:migrate@microsoft.com)).

*"For over 25 years the core systems of our business were running on a Unisys mainframe computer. Using the Asysco AMT Framework, along with their great team we migrated our systems to a Microsoft SQL environment. It was a great move saving us hundreds of thousands of dollars each year. We now run these same core systems on two virtual servers."*

**Wade Judd,**  
Sr. VP of Technology,  
Associated Food Stores

# Take advantage of a complete, automated solution with AMT

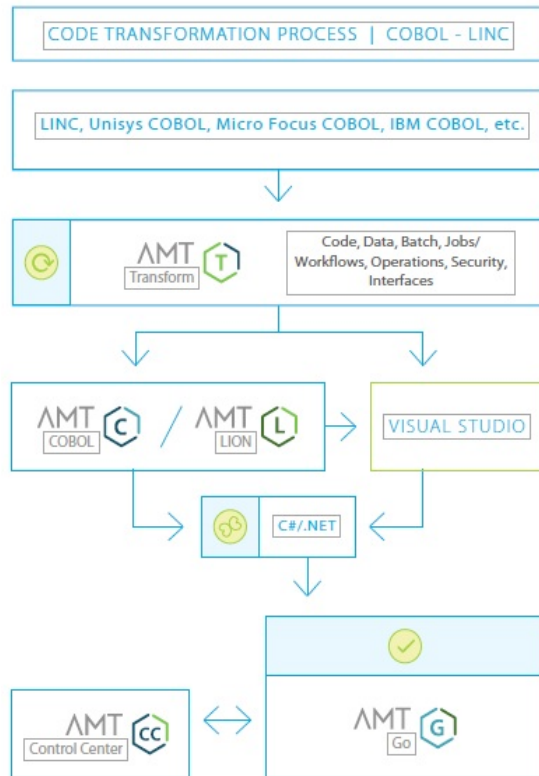


Figure 1: Asysco migration technology

As shown in Figure 1, Asysco Migration Technology (AMT) provides a full turnkey migration of every aspect of your Cobol and LINC based legacy mainframe applications to an industry-leading .NET Framework running on a distributed, N-Tier Windows Server architecture. AMT automatically converts all layers of the legacy mainframe environment, including source code, data, scripts and interfaces, to the Microsoft Application Platform. AMT like-for-like conversions of mainframe applications include:

- Unisys/IBM mainframe to Windows Server (physical or virtual)
- Online screens to ASP.NET pages
- Online and batch programs to readable C# or Microsoft Visual Basic® .NET
- DMS, DMSII, RDMS and DMS2200 to SQL Server
- ECL and WFL to open-source VBScript (.WSF)

## Consider the possibilities

- A unique, comprehensive 24-step mainframe migration project framework
- Like-for-like migration, with no impact on end users
- Migrations conducted in parallel to the production mainframe, so there is no disruption to your daily operations
- A migrated architecture guaranteed to perform as well as or better than your mainframe
- A code freeze period before go live that typically lasts less than a month
- Less than a year from project startup to go live
- Complete shutdown of your mainframe after migration—forever
- A warranty on all migrations

## Maximize your options with Asysco's total process and solution stack

### Decision support

- Business case preparation
- TCO/ROI calculation worksheets
- Customer references and site visits
- Running proof of concept
- Site survey and inventory
- Replacement hardware specifications
- Technical question-and-answer workshops with demo conversions

### Turnkey migration project

- Project management
- Runtime built to hardware specifications
- Automated conversion of all source code and data
- Guidelines and support for testing
- Developer training and workshops
- Operations/system administration training
- Dedicated onsite support through go live

### Post-migration technical services

- Warranty of migrated sources
- Online and batch tuning/optimization
- Database normalization
- Screen refactoring
- Interface modernization
- Integration with service-oriented architect

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