



# Optimize IT efficiency and dramatically lower your costs.

## With Clerity's IBM mainframe rehosting solution to the Microsoft Application Platform.

For mainframe data centers, controlling costs and preserving application investments are more challenging every day. Microsoft and Clerity can lower the risk of mainframe application rehosting and tailor a project to your business needs.

### When it costs too much to run your applications

Custom mainframe applications are crucial to your business, but the annual costs of maintaining your legacy systems hurt your competitive position. As your organization looks for more efficient ways to deliver value from its IT investments, Clerity offers a rehosting solution that reduces operational costs and provides a foundation for future business innovation. By leveraging mainframe application environments on the Microsoft Application Platform, you can enhance IT flexibility, protect quality of service (QoS) and significantly reduce your costs.

### Reuse valuable mainframe assets

The Clerity rehosting solution enables the rapid migration of business-critical workloads from IBM mainframes to the Microsoft Application Platform. Unlike reengineering strategies, rehosting keeps applications intact, enabling a cost-effective migration with minimal disruption. The Clerity rehosting solution safely extends the benefits of industry-standard platforms to custom IBM® CICS® transactions, IBM® IMS® applications, IDMS, Adabas/Natural, and other legacy assets.

### Use Microsoft and Clerity technology

The Clerity rehosting solution, running on the Microsoft Application Platform, provides all the reliability, availability, serviceability and security (RAS+S) you need at a fraction of your mainframe costs. Microsoft® Windows Server® 2008 and SQL Server® 2008 provide a proven platform for rehosting mainframe applications while significantly improving price performance. In addition, Microsoft tools are well understood by a large base of developers. Consequently, you'll enjoy lower development costs and improved response to rapid business change.

### Microsoft-Clerity alliance

Clerity has cultivated a strategic relationship with Microsoft to provide compelling options for mainframe rehosting solutions. This relationship will broaden the options available to customers and allow them to accelerate the rehosting of their mainframe environments.

### Solution highlights

- Rehost your mainframe application environment
- Reduce your operational costs and reinvest in other areas
- Improve your utilization of Microsoft technology
- Increase your application development capability to respond to business change

### Lower your costs while getting the RAS+S you need

Microsoft and Clerity recognize that your business has made significant investments in mainframe applications and procedures. Working together, we can reduce IT costs without sacrificing functionality and QoS. In addition, Microsoft can help you open your options to a competitive market of partners, such as Clerity, that can lower your costs while getting you the RAS+S you need.

### Your next step

Contact your Microsoft account manager or the Microsoft Enterprise Platform Modernization organization.

For NA and LATAM, contact Michael Dee Hester (mihester@microsoft.com).

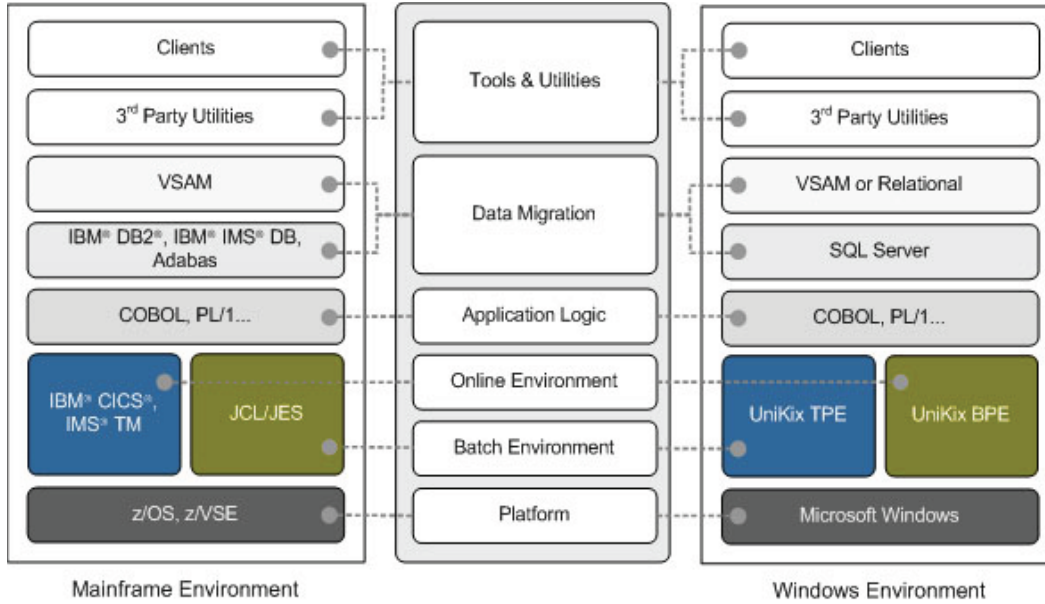
For EMEA, contact Lars Mikaelsson (larsm@microsoft.com).

*"Clerity's mainframe rehosting technology and their mainframe reference architecture is unique and provides value to customers that want to reduce mainframe costs by moving their COBOL/CICS/JCL applications to the Microsoft Application Platform."*

**Bob Ellsworth,**  
Director, Microsoft Enterprise Platform Modernization,  
Microsoft Corporation

# A robust mainframe rehosting reference architecture

With Microsoft, the Clerity solution can provide mainframe performance and functionality while lowering your costs and increasing your IT agility. Mainframe application environments use a wide range of related infrastructure tools; therefore, Clerity has developed a mainframe rehosting reference architecture to demonstrate how these third-party tools can be mapped to the Microsoft Application Platform.



Clerity mainframe rehosting solution for the Microsoft Application Platform

## Benefits at a glance

- Reduce mainframe migration risks and improve payback periods by protecting existing application and data investments
- Lower total cost of ownership (TCO) and deliver more competitive economies of scale for ongoing operations
- Enhance IT flexibility and enterprise data interoperability
- Gain access to a large pool of skilled systems administrators
- Gain comprehensive security and administration features while preserving existing batch JCL, jobs and procedures
- Reduce your batch run time

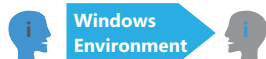
## Clerity solution stack for the Microsoft Application Platform

### Mainframe migration consultancy



Clerity will collaborate with you before a migration to review corporate objectives and develop the appropriate path forward for your mainframe workloads. Solution delivery experts will then tailor a flexible implementation with the necessary level of service to make the migration a success.

### Post-implementation services



To ensure that you are well-equipped to develop, manage and evolve application environments following any migration, a range of Clerity post-implementation services is available. Infrastructure experts can offer consultation for additional hardware and software components as needed.

### Transaction Processing Environment



The Clerity UniKix™ Transaction Processing Environment (TPE) software for Windows® is a powerful, logically threaded engine that provides a mainframe-style online transaction processing (OLTP) environment for the Microsoft Application Platform. UniKix TPE technology supports features such as file locking, lock contention and resolution to maintain robust transactional integrity and consistency.

### Batch Processing Environment



The Clerity UniKix™ Batch Processing Environment (BPE) software for Windows addresses the considerable batch workload investments associated with mainframe systems. With comprehensive Job Control Language (JCL) translators, prebuilt integration with common utilities and native support for standard mainframe data types, you can rapidly migrate batch investments to the Microsoft Application Platform.

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