


Infinite **36**

Migrate System/36 Applications to **Windows, Unix or Linux**



Infinite36 is the only alternative to a rewrite available on the market today. It is the least expensive, lowest risk way to migrate System/36 (AS/400) RPG and COBOL applications to Windows, Linux or UNIX.

Infinite products are the leading legacy migration and modernization tools for the IBM Midrange market. Infinite Corporation enjoys over 100,000 installations in 56 countries worldwide. End-users and independent software vendors (ISVs) alike have used tools and services from Infinite to provide platform neutral versions of their RPG or COBOL applications developed for the System/36 and AS/400.

System/36 applications run core business enterprises worldwide and represent tremendous intellectual capital built over time. These assets and the platform they run on have proven responsive in the past to traditional international business needs. They do not have some of the features companies have come to expect. For example, the ability to access and share data to MS SQL and Oracle in a real time basis is critical. The need to virtualize the server and storage on which core applications are deployed and the requirement that applications operate in non-proprietary platforms has become crucial.

Migrating with Infinite36 is the best alternative to the cost of major time delays associated with rewriting legacy applications.



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What is it?

Infinite36 is a suite of compilers, utilities and operating system services that allow applications (developed under RPG or COBOL for the System/36 environment) to be migrated at the source code level, recompiled and executed on the target platform. The compilers include RPG and COBOL. The compilers allow System/36 RPG and COBOL source code to be recompiled into native object code for 64-bit Red Hat Linux, Windows Enterprise Server, HP-UX, AIX and Solaris.

The compilers represent very sophisticated technology, but they aren't the most important piece of the Infinite36 environment. The Infinite Deployment Environment allows the recompiled object code to be deployed natively under the target platform (IE: Linux or Windows). The Infinite Deployment Environment executes the code as it would on the System/36 platform.

Infinite36 provides a database execution of the System/36 native flat file data structure. This allows the applications to execute as they did on their original platform without having to rewrite large portions of the code. Once the code executes, it is directed to write to either MS SQL or Oracle. The ability to produce data in Oracle or MS SQL from the original RPG or COBOL structure is ground breaking technology. Having real time, easy to access, data in an industry standard structure makes the migrated applications much more functional.

A better alternative than rewriting

Infinite36 is the solution of choice for System/36 developers who want to protect their investment in IBM Midrange applications and resources. The benefits are immediate: financially, operationally and strategically.



Infinite36 is the easiest to use, fastest to deploy method of migrating and modernizing System/36 applications to Windows, Linux or UNIX and to deploy them to MS SQL or Oracle. Infinite36 provides the ability to reduce the number of platforms to be supported while protecting the investment in the legacy code as well as the current support and development staff.

Infinite36 generates truly native multi-platform solutions and will enable software developers to migrate their RPG or COBOL

100,000
installations in

applications in far less time than redeveloping. In addition, it is possible to continue development on the original host and/or migrated platform. Existing support infrastructure and documentation can be used for both platforms.

The migration risk is very low because the existing source remains unaltered, current skills can be used to support the application and the application executes in a replicated environment. This change will cause a minimum level of disruption in the day-to-day operation of the business.

Comprehensive Solution

Infinite36 is a comprehensive solution that adds significant new capabilities to your legacy applications. Once migrated, Infinite36 executes in the latest and most open standard 64-bit operating systems available. Operating on Red Hat Enterprise Linux, Windows Enterprise Server or UNIX provides access to lower cost, easier to maintain infrastructure. This capability provides the ability to run on lower cost, yet highly scalable architecture.

Database Capability

Infinite36 easily migrates and executes flat file data in the Oracle or MS SQL databases. Infinite provides database capability from the highly proprietary, closed file structure of the System/36. With Infinite36 native System/36 applications will write to Oracle or MS SQL without having to rewrite the original code. As



56
countries

part of the process of migrating RPG or COBOL applications, the files will be externally defined using F&I specs, then the data is migrated to the database of choice and once the cut-over is complete, all data is written to Oracle or MS SQL.

Infinite36 is the only method of embracing Open Systems that offers rapid migration, low risk and a fast return on investment.

Virtualization for System/36 applications

Virtualization products for the System/36 and AS/400 environments have been slow in coming. LPAR technology exists, but isn't dynamic, doesn't provide access across platforms and operating systems, is very proprietary and very expensive. Infinite36 migrates System/36 applications to open systems like Linux, Windows and UNIX. These operating systems provide support for all levels of today's virtualization products including VMware, Red Hat Enterprise Virtualization, XEN and MS Hyper V.

Virtualization technology has allowed business to consolidate IT resources, reduce costs and generate much higher utilization rates. The ability to use this technology is crucial for any 21st century data center. Now, with Infinite36 this technology can be engaged with System/36 applications.

High Availability through Virtualization

High Availability products are very expensive for the System/36 environment and require a great deal of proprietary expertise and hardware costs. No longer. By migrating System/36 applications to

open platforms like Linux or Windows, businesses can use existing industry-standard virtualization technology for High Availability.

Products like VMware provide High Availability as a component in their stack. The teams that manage Windows or UNIX data centers worldwide are well versed this technology and it is surprisingly easy to engage and maintain. Using virtualization for High Availability for migrated System/36 applications can use existing hardware resources like blade technology and can write to virtualized storage with built-in redundancy from nearly any manufacturer.

Infinite36 and the Cloud

Infinite36 is tightly integrated with the Infinite Cloud family of products that deploy System/36 applications to the Cloud without having to rewrite or recompile the data stream. Our concept of allowing 20th century technology to be deployed in a 21st century methodology is very evident in the Infinite Cloud family of products.



Infinite Cloud provides for the deployment of System/36-based applications to the Cloud, tools for creating more intuitive access to programs in place of sequential menu-driven navigation, user interfaces that are graphical and integration tools that launch from industry standard middleware like JBoss, WebSphere or WebLogic. This technology provides plug-ins for web services, templates for standard interfaces like EDI, electronic banking and secure government reporting services.



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The fast, easy choice for you

Infinite Products are designed to be easy to use, fast to deploy and significantly less expensive than their competition. Importantly, the products provide both ISV's and direct clients with the option of doing new development in the legacy application or in another language and use InfiniteCloud to integrate them visually and functionally.



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