SOLARIS C/C++ PORTING TO LINUX

COST-EFFECTIVE BULK MIGRATION APPROACH

- The IGS AMS Migration Factory provides C/C++ code bulk porting to Linux
- Leverages IBM's many years of experience, proven methodologies, tools and expertise for rapid porting
- Resultant code is produced to a high quality, with code changes fully documented
- Consistency with standards is ensured
- Can be performed using low-cost global resources to achieve further cost savings
- Extended services available that include everything from shell script porting to end-to-end migration projects
- Focus on project issues and leave the porting to the experts

HOW DOES IT WORK?

- Meet with the Migration Factory team to review your requirements

- You send us the code

- We tell you how long it will take to port and how much it would cost

- You set up the baseline environment and validate that it compiles in your environment

- We set up a Linux target environment which is representative of your target environment

- We make the changes required to the code such that it will compile and link cleanly on Linux

- We send the ported code back to you ready for integration and testing—note that we do not test the code

CHALLENGE

Move C/C++ code tied to Sun Solaris platforms to IBM Linux platforms at low cost, with minimal involvement from key developers, who typically are focused on maintaining the current code base and making application enhancements.

SOLUTION

The Migration Factory's Solaris C/C++ porting service is an easy decision for software developers with large amounts of Solaris-based C/C++ code who need to quickly port custom-code applications for a low, fixed cost. The Migration Factory provides the capability to analyze all of your code, rapidly identify porting issues, and remediate the issues so that the code can be compiled and linked on Linux. The Migration Factory leverages unique methodologies and industry leading solutions, in conjunction with best-of-breed tools and low-cost resources to efficiently port Solaris C/C++ code.

The service covers like-for-like migrations (32-bit to 32-bit, 64-bit to 64-bit) and excludes middleware, third-party products, package code and embedded SQL. This capability is solely focused on producing migrated code and a clean compile-and-link on Linux that can then be integrated with the remainder of the application ready for test and deployment.

Additional fee-based services such as shell script porting, project management, testing, and implementation delivery are available to support a larger porting and rehosting effort.

VALUE PROPOSITION

- Jump-starts a migration project with source code successfully compiled for your Linux target platforms
- Allows much more expensive in-house talent to focus on getting the code to run properly in your environment
- Limits assessment costs and permits more accurate timelines and cost estimates to be developed
- Eliminates significant tool evaluation, training and licensing costs
- Avoids project delays by immediately addressing migration project tasks that require little staff interaction or analysis
- Uses low-cost global resources to achieve significant cost savings

PRICING

Pricing is based on the number of lines of code to be ported and includes assumptions that will be detailed in a statement of work.

This is not an offer for services, which can only be described in a statement of work. Pricing does not include middleware, third-party products, packaged code and embedded SQL, which could be substantially higher. Complete terms, conditions and assumptions must be described in a Statement of Work.

NEED HELP MIGRATING TO IBM?

THE IBM MIGRATION FACTORY HELPS ANSWER KEY QUESTIONS

- "Can it be done?"
- "How is it done?"
- "What will it cost?"
- "How long will it take?"
- "What are the risks?"

WHAT DOES THE MIGRATION FACTORY OFFER?

We've been doing one thing for 20 years — migration. The Migration Factory uses proven methodologies that are designed to be cost-effective and help mitigate risk.

Capabilities include:

- Accurate sizing and costing of a migration
- The expertise necessary to control the risk associated with application migration
- Cost-effective application migration
- Migrations for custom-coded applications as well as select packaged applications and databases
- System and application upgrades to newer platforms
- Significant knowledge, expertise and experience in moving applications and associated databases from Solaris, HP-UX, Tru64 UNIX and Linux to IBM platforms
- Application-centric server consolidation

HOW DO YOU GET STARTED?

Contact the Migration Factory

- 1-866-MIGR8TE (toll-free in the US)
- migr8te@us.ibm.com
- IBM Sales Team or Business Partner

HOW WILL MIGRATION HELP YOUR BUSINESS?

Leverage more powerful and supported technology Current platform may have limited or discontinued vendor support.

Retain investment
You've invested a great deal of time and resources in existing applications.

Reduce cost of ownership
There are potential cost savings from replacing hardware, consolidating servers and using available skilled resources

Access to larger pool of skilled technical resources
The available pool of resources declines over time for older technologies

CORE CAPABILITIES

UNIX
- IBM® AIX
- Linux
- Sun Solaris
- HP HP-UX
- HP Tru64
- DG DG-UX
- Sequent® DYNIX/ptx
- SGI IRIX
- SCO
- NCR
- AT&T
- 32-bit to 64-bit enhancement

Package applications
- SAP
- PeopleSoft
- Oracle E-Business Suite

Database migration
- DB2®
- Informix
- Oracle
- Sybase
- SQL Server

Other
- OS/390
- Microsoft® Windows, NT and XP
- NUMA-Q
- Unisys
- Tandem
- Stratus
- HP 3000
- OpenVMS