

TRANSITIVE™

Market Support Solutions for Independent Software Vendors

*Ensure your applications run from day one on new platforms
without any porting or code changes.*

Business Issue

If you work for an ISV, you likely face difficult decisions about which computer platforms to support to maximize profitability. ISVs today face a large and growing list of potential platform choices, including those based on Solaris/SPARC, HP-UX/PARISC, AIX/Power, Linux/Power, Tru-64/Alpha, IRIX/MIPS, Linux/Itanium, Linux/Xeon, and Linux/x86, to name just a few.

The cost of an initial port to a new platform can often total many millions of dollars, and the cost of supporting new and bug-fix releases on an on-going basis can be equally burdensome.

In addition, customers expect new and bug-fix releases to be available on a ported platform at the same time it's available on the development platform—an expectation that is both difficult and expensive to meet.

The availability of a less costly solution to the porting problem would reduce the cost of existing porting activities, as well as allow new ports to be more easily and economically justified.

Transitive's Solution

Using Transitive's QuickTransit®, ISVs can dramatically reduce the cost of supporting multiple hardware platforms, while improving customer satisfaction by providing product releases on ported platforms at the same time as on the development platform. QuickTransit allows software applications, compiled for one platform, to run on another without any source code or binary changes.

The applications run at approximately 80% of the speed that would be achieved if a native recompilation were completed on the new platform. Graphics and interactive performance are transparent to the end user.

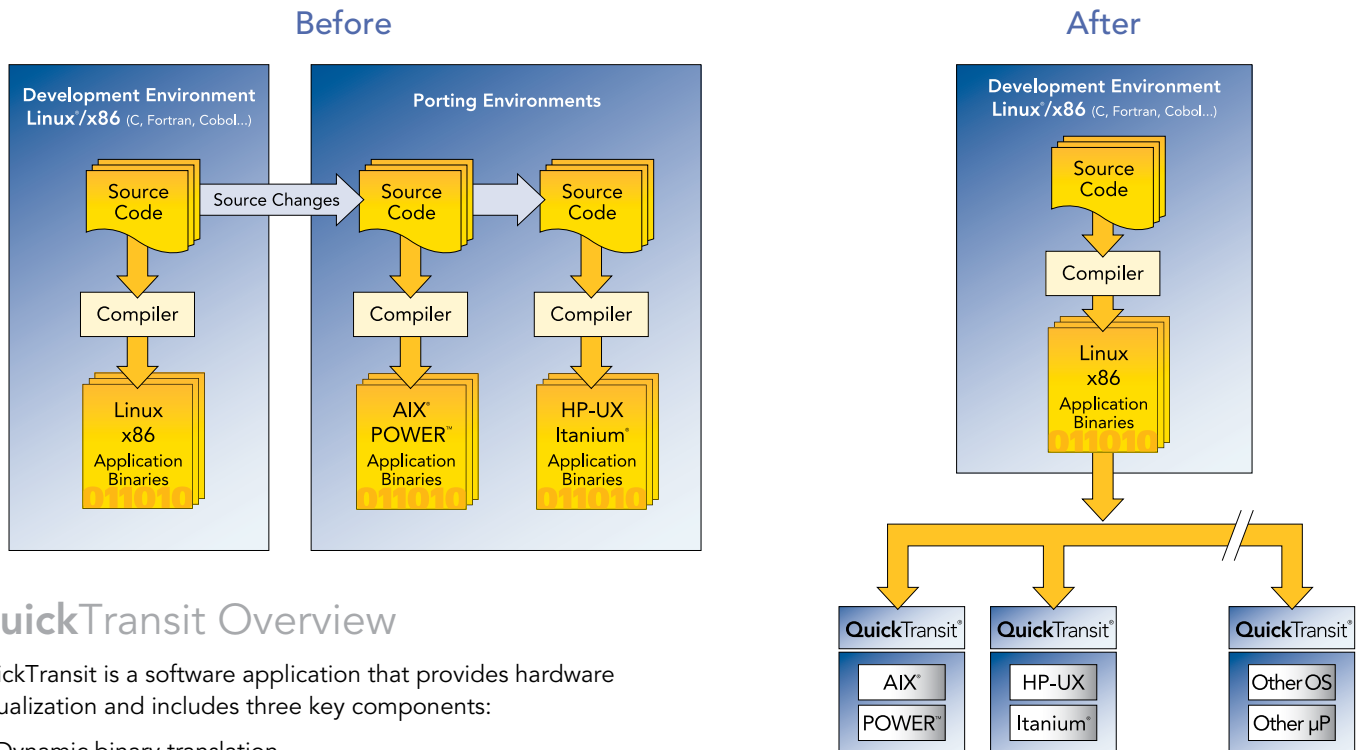
Functionally, the applications run identically. And since there are no source or binary code changes, an ISV need only do final testing to assure proper operation on the new platform. To deploy the technology, the ISV distributes QuickTransit along with the application binaries created on the development platform and installs it as a part of a standard installation package*. The operation of QuickTransit is completely transparent to the end user.

QuickTransit eliminates barriers to porting software applications, leading to more revenues for the ISV from newly supported platforms, and significantly lower costs associated with maintaining each port.

* Other business models are also supported.

Market Support Solutions for Independent Software Vendors

Ensure your applications run from day one on new platforms without any porting or code changes.



QuickTransit Overview

QuickTransit is a software application that provides hardware virtualization and includes three key components:

- Dynamic binary translation
- Operating system mapping
- An integration FUSE

The dynamic binary translator translates binary code from one instruction set architecture to another, while the operating system mapper maps from one set of operating system calls to another and is used only in situations where the operating system has changed. The integration FUSE provides facilities for easy integration into the target system.

Please refer to our Technical Product Overview for a more complete description of QuickTransit operation.

Products for ISV support

Transitive currently provides the following products for ISV support. Additional combinations will be available in the near future.

- QuickTransit for Solaris/SPARC-to-Linux/Xeon
- QuickTransit for Solaris/SPARC-to-Linux/Itanium
- QuickTransit for IRIX/MIPS-to-Linux/Itanium

Find out more

QuickTransit demonstrations of many commonly used microprocessor pairs are available.

Contact a sales representative to schedule a demo:

1-408-399-6611 or sales@transitive.com

Please visit www.transitive.com for additional product and solution information.