digital

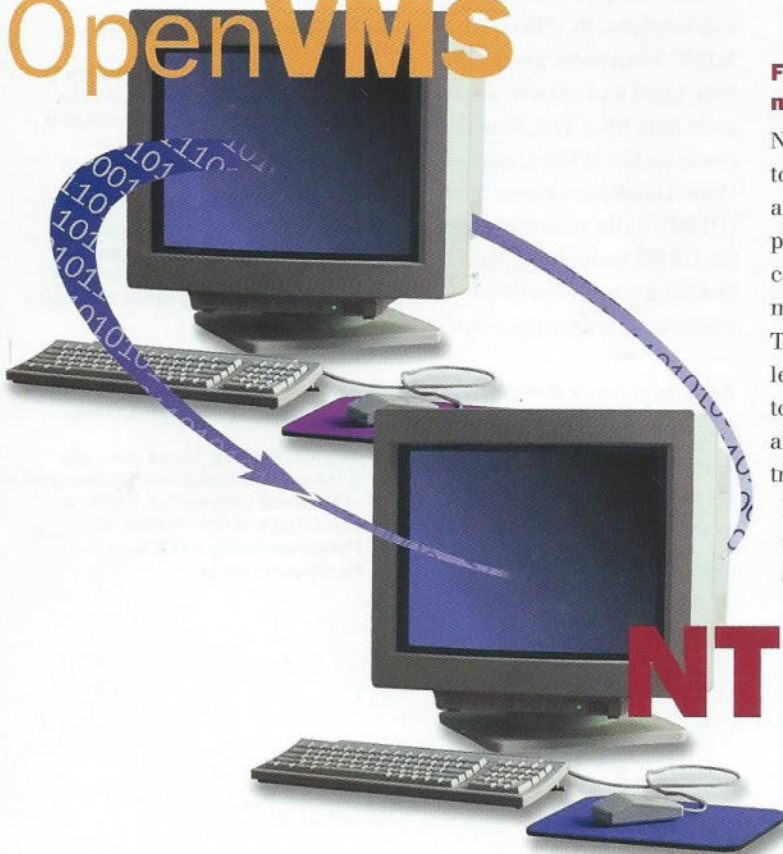## DIGITAL BASIC Translator

Automatically translates over 80 percent of your DEC BASIC source code to Visual Basic code

DIGITAL BASIC Translator assists you in migrating established DEC BASIC applications to a distributed environment. It accepts over 80 percent of DEC BASIC source code as input and translates it directly to Visual Basic source code. In combination with the run-time library (RTL), Visual Basic source code compiles and executes on the Windows NT and Windows 95 platforms.
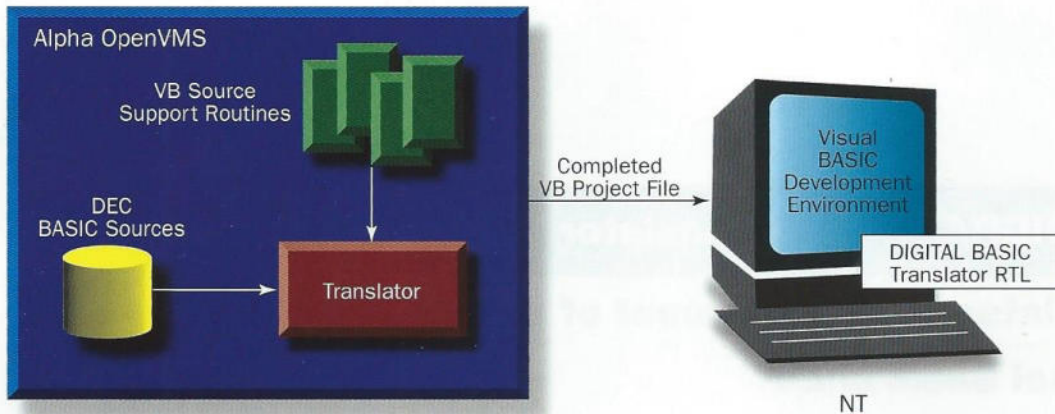
OpenVMS

NT

Facilitates migration to a new platform

Now it's easier and less costly to distribute DEC BASIC applications to the Windows NT platforms. By maintaining the code structure of the original module, the DIGITAL BASIC Translator preserves your legacy application. In addition to optimizing existing systems and code, you streamline the translation process to Visual Basic without sacrificing speed, accuracy, or database access.

Absolutely no misinterpretation of the language

Hosted on the OpenVMS Alpha platform, the Translator has access to the full set of DEC BASIC language constructs because it shares sources with the DEC BASIC for OpenVMS Alpha compiler. This sharing of the lexical analyzer and parser ensures there is no misinterpretation of the language during the translation process.

DIGITAL
BASIC Translator

Alpha OpenVMS

VB Source
Support Routines

DEC
BASIC Sources

Translator

Completed
VB Project File

Visual
BASIC
Development
Environment

DIGITAL BASIC
Translator RTL

NT

Take advantage of NT systems while preserving legacy applications

The many elegant features of the DIGITAL BASIC Translator smooth your migration to NT and Windows 95 platforms. With over 80% of your DEC BASIC source code converted to Visual Basic, you save time, money, and critical staff resources. In addition, the DIGITAL BASIC Translator enables you to have both local and remote access to your data files – a feature unique to the marketplace. Whatever your requirements, the DIGITAL BASIC Translator will complete the job in the most efficient, cost-effective way possible.

For more information

To learn more about how you can achieve optimal translation of DEC BASIC source code to Visual Basic applications, contact your DIGITAL representative or Authorized Business Partner. You may also call 1-800-DIGITAL (outside the U.S. and Canada, call 1-908-885-6426), inquire at info@digital.com, or visit *http://www.digital.com*

Maximizes your investment in legacy applications

Prepackaged support routines help to to achieve the highest possible level of translation. Using these routines preserves as much of the original DEC BASIC application as possible. Translator safeguards the time and expense you've invested in your legacy systems and code, and can continue to pay dividends as you migrate to new platforms.

Extensive flexibility

A direct translation of DEC BASIC code to Visual Basic code provides for the cleanest migration and fastest resulting performance on Windows NT and 95 platforms, on either Intel or Alpha. Support routines are called only when a corresponding Visual Basic language feature is greatly incompatible with DEC BASIC or does not exist.

Types of elements that can be translated directly include:

- Most DEC BASIC language executable statements
- Arithmetic and trigonometric functions
- Conditional and looping statement modifiers
- Data types and miscellaneous built-in functions

Quickly identifies areas that don't translate

Even with the help of support routines, some DEC BASIC statements cannot be translated automatically. Where differences exist, the translator flags them for efficient handling.

The DIGITAL BASIC Translator Manual discusses issues specific to individual statements and functions, and provides additional material on topics such as differences in data type definition and I/O. This time-saving documentation gives you invaluable assistance in identifying the areas that did not translate, making it easier for you to recode and finish the translation quickly and more accurately.

Substantial conformity to the original application

DIGITAL BASIC Translator generates a VB project that, when executed, conforms as closely as possible to the original application. This means that if it is necessary to search for a piece of code, comparable code will be found where it was located in the original source program. Comment lines and white space are also preserved, where possible.

The ability to produce a completed Visual Basic project from the translated code lowers the learning curve usually associated with moving to a new platform. Your staff will appreciate not having to redesign existing applications, and with the resulting savings in training, you can apply your budget to other priorities.

Maintain quick, reliable access to your databases

Unlike many products in the marketplace, the DIGITAL BASIC Translator gives you both local and remote access to your data files. The Translator converts ISAM file access to Open DataBase Connectivity (ODBC) calls, providing support for DBMS technology, and enabling you to continue interfacing with your databases.

Access across the network

By generating ODBC calls, the Translator can make use of the set of available drivers that allows OpenVMS RMS ISAM access across the network – from the PC to the OpenVMS Alpha platform.