

## Advanced Open BASIC Automates the migration of BASIC applications

**Open BASIC is a retargetable compiler that reads VAX BASIC and generates portable C source code. It also automates the migration of BASIC applications to open systems.**

Open BASIC is a compiler for programs written in the VAX BASIC language. It is both a compiler and a converter designed for:

- > Porting VAX BASIC applications from OpenVMS to Unix-based platforms
- > BASIC code development with the functionality of VAX BASIC on Unix-based platforms
- > Converting VAX BASIC programs into C programs. Open BASIC includes its own runtime system (see listing of supported functions and statements)

Open BASIC automatically creates the proper linkage to our VMS-runtime library product, Open LIBR8.

All device and file names are mapped so no changes are required in the VAX BASIC source.

Open LIBR8 includes support for RMS, SMG, Sort/Merge and the majority of SYS\$ and LIB\$ system services.

### Features

- > Fully retargetable compiler
- > Translates all VAX BASIC extensions
- > Produces understandable and concise C code

### Benefits

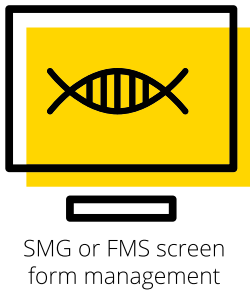
- > Port VAX BASIC code efficiently avoiding trial and error
- > Preserve investments in software and personnel
- > Achieve full portability to all major open system platforms
- > Support VMS runtime routines including RMS, QIO, SMG, logical name handling and indexed files

*"We developed our applications in-house to handle the unique needs of our diverse client base. However, further scalability was not going to be possible without a change of platform.*

*Migration with Advanced offered us a fast, cost-effective and low-risk solution."*

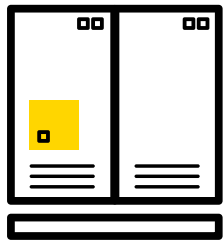
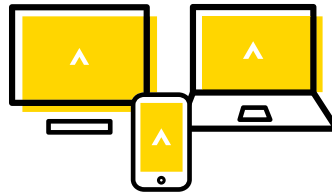
Rob Hussey >  
Head of Solutions Delivery >  
Mercer Outsourcing

# Open BASIC



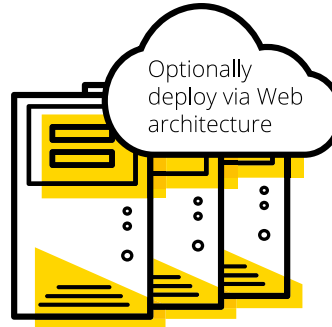
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User interface can remain character-based or a new interface using Java, VB or ASP.NET/JSP browser-based deployment can be implemented.



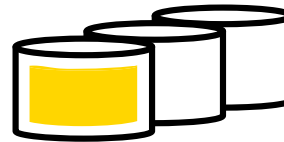
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Tools-based migration of core COBOL, FORTRAN, Pascal, Ada, BASIC, and C on-line and batch programs, with optional extraction and componentisation of core business rules into re-usable 'application' or Web services.



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RMS and Rdb databases migrated to RDBMS environment. Application data management layer underpinned with embedded SQL I/O services and called from original file access points in application.



Upgrade to Open RDBMS environment

*"We chose Advanced for this complex and demanding migration as it had both the technical expertise to convert our OpenVMS applications to Windows, and also its well established migration methodology."*

Martin Heaton >  
Control Systems Development Manager >  
Springfields Fuels

## More information

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