Advanced Open LIBR8
A set of callable OpenVMS library routines

Open LIBR8 is a comprehensive set of callable OpenVMS library routines native to, and optimised for, Unix, Linux and Windows

Open LIBR8 is a software library that allows users to quickly port large OpenVMS applications to Unix, Linux and Windows.

> Open LIBR8 is a cost-effective alternative to rewriting programs to work on Unix, Linux and Windows

> Customers using Open LIBR8 have measured 20:1 productivity gains over redesigning code for Unix, Linux and Windows

The Open LIBR8 package provides functions on computers that run Unix, Linux and Windows operating systems, that previously were only available on HP (formerly DEC) VAX or Alpha computers.

Open LIBR8 provides the functionality of the OpenVMS Runtime Library and System Service calls on most Unix, Linux and Windows systems.

These software libraries create a simple migration path for users who, until now, faced a significant barrier in moving from OpenVMS to the newer environments of Unix, Linux and Windows.

Typical customers who will benefit from the Open LIBR8 libraries are those who have incorporated features such as Mailboxes, Event Flags and QIO routines into their programs.
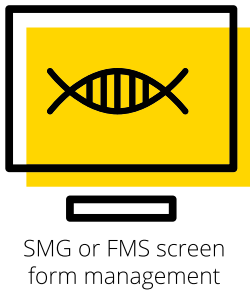
Open LIBR8 supports the following functions:

> Asynchronous System Trap Services

> Disk Driver Services

> Event Flag Services

> File Utility Library Routines

> Logical Names

> Memory Management Services

> Process Control System Services

> Queued I/O

> Symbol Routines

> String and Mathematical Routines

> RMS Files

> SMG Routines (actual routines sold separately)

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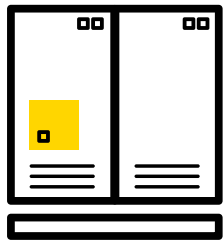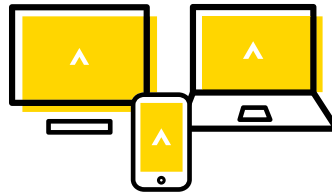
Migration with Advanced offered us a fast, cost-effective and low-risk solution."

Rob Hussey >
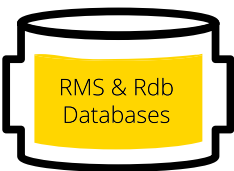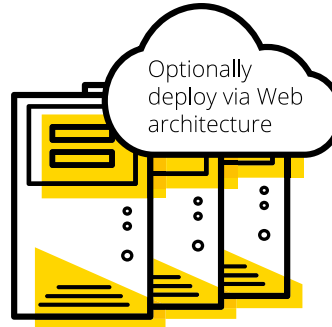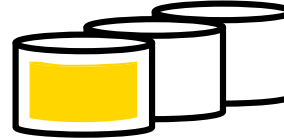Head of Solutions Delivery >
Mercer Outsourcing

Open LIBR8

SMG or FMS screen form management

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

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.

RMS & Rdb Databases

Optionally deploy via Web architecture

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

w oneadvanced.com
t +44(0) 8451 605 555
e hello@oneadvanced.com

Ditton Park, Riding Court Road, Datchet, SL3 9LL

Application Migration