Advanced Open JBC
An emulation of the VMS JBC

Open JBC is an emulation of the VMS Job/Batch Controller (JBC), and the VMS JBC system provides batch and print queues to users and to applications.

Open JBC reproduces the rich queue environment on non-VMS systems, using our Open DCL product to execute batch jobs.

With Open JBC installed, Open DCL is enhanced by adding or extending the following commands:

> DELETE/ENTRY

> SET ENTRY

> SHOW ENTRY

> SHOW QUEUE

> SUBMIT

> START/QUEUE

> STOP/QUEUE

The F$GETQUI lexical function is also enabled when Open JBC is present.

On Unix or Linux systems the PRINT command is also enhanced (native print queues are used by Open DCL on Windows systems).
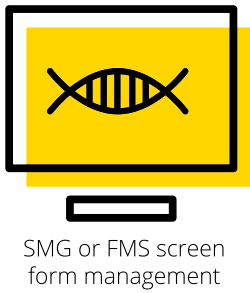
In addition, the SYS$GETQUI and SYS$SNDJBC routines are made available by the Open LIBR8 product when Open JBC is installed. These provide an API to the batch system.

"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."
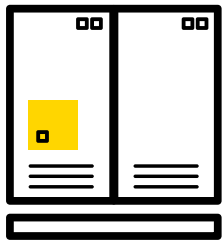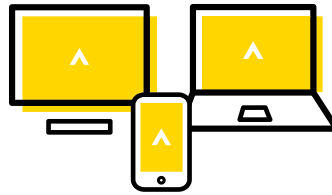
Rob Hussey >
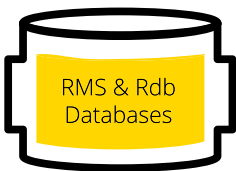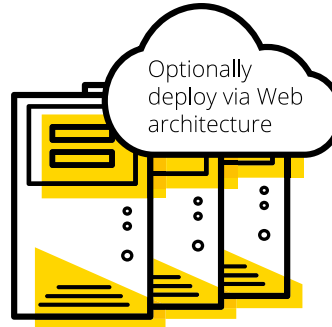Head of Solutions Delivery >
Mercer Outsourcing

Open JBC

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.
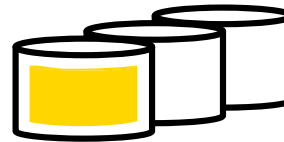
Optionally deploy via Web architecture

RMS & Rdb Databases

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

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Application Migration