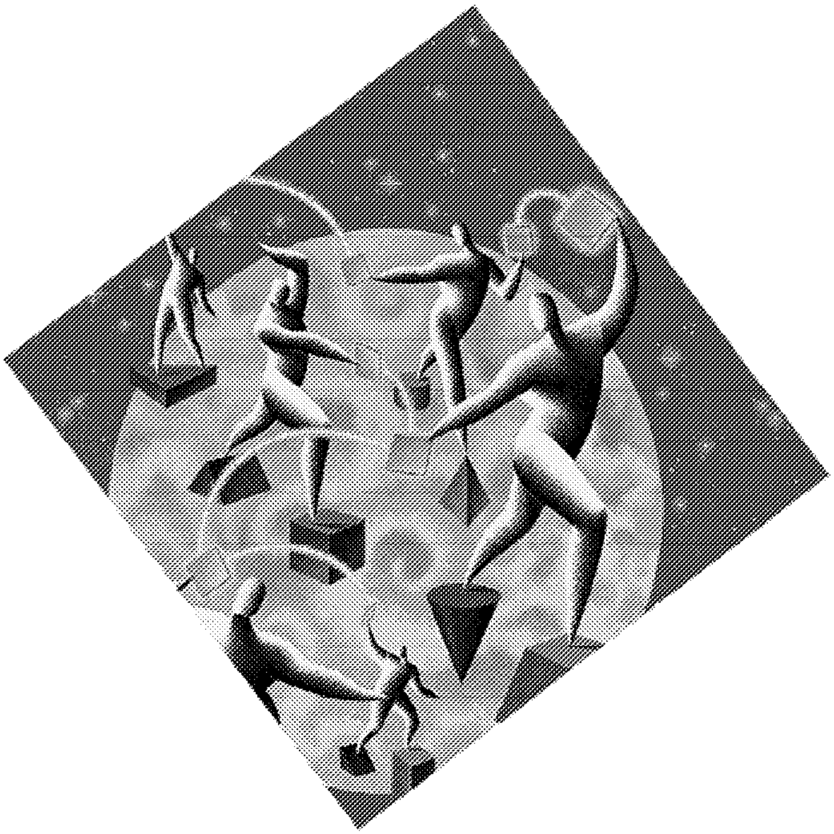
MQSeries for Digital VMS VAX

Version 1 Release 5



MQSeries products enable business applications to communicate across different operating-system platforms, by use of messages, in a way that is straightforward and easy for programmers to implement. MQSeries, via the Message Queue Interface (MQI), takes care of network interfaces, assures delivery of messages, deals with communication protocols and handles recovery after system problems. This lets programmers use their skills in handling your business requirements, rather than having each one solve the underlying complexities of your network.

A building block for distributed processing

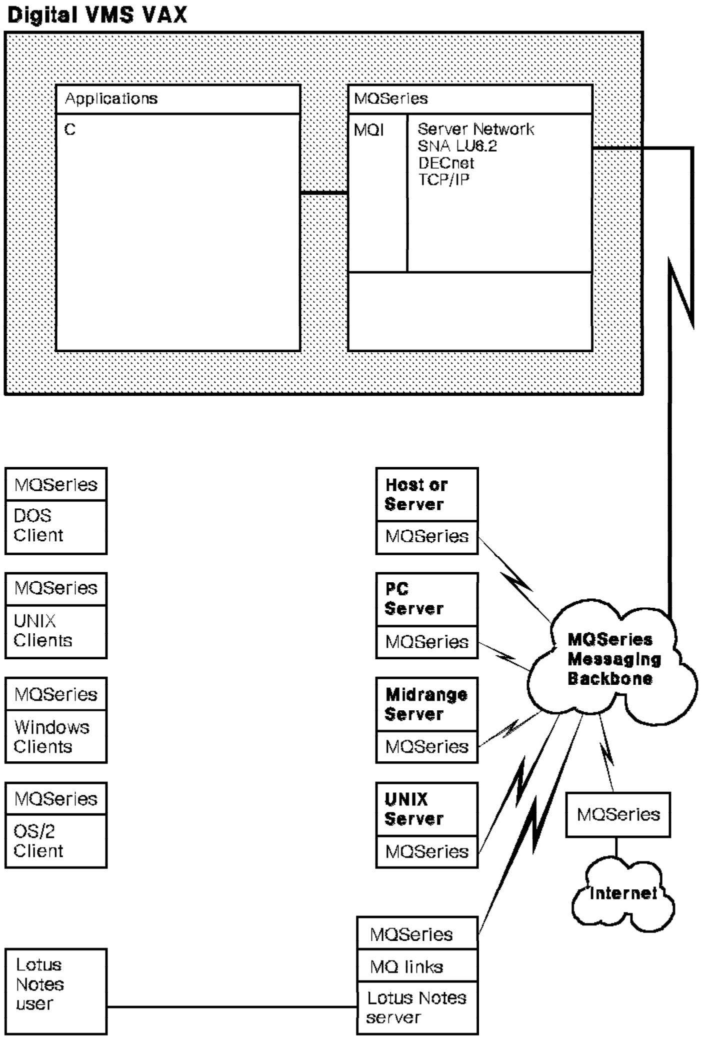
Data integrity and consistency are essential in many businesses. MQSeries for Digital VMS VAX helps meet this need in the VMS environment.

You can now build a client/server-based distributed application that encompasses your VAX cluster and other open and proprietary platforms. With MQSeries for Digital VMS VAX you can create a network of reliable distributed applications.

MQSeries products provide the Messaging and Queuing component of the IBM Open Blueprint.

Highlights of this MQSeries product are:

- Makes it easy to write distributed applications that maintain the integrity of your business data across all supported platforms.
- Helps to extend access to database information on other platforms, in either front-end or back-end configurations.
- Can be used within the VMS environment as a general purpose queuing system for program-to-program communication via recoverable queues.
- Includes support for SNA LU6.2, TCP/IP, and DECnet communications.
- Supports the DEC C Compiler Version 5 (MQSeries applications that use older levels of the compiler are still supported).
- Supports DEC TCP/IP Services for VMS/OpenVMS Versions 3.3 and 4.0 (plus later 3.x and 4.x).
- Makes better use of system resources for improved product efficiency.



Program Name

The formal name of this product is **IBM MQSeries for Digital VMS VAX**, Version 1 Release 5. Part number: **63H9422**.

Machine and programming requirements

For full service-related prerequisites, see the *MQSeries for Digital VMS VAX User's Guide*, SC33-1144-03.

Later levels of software, if any, will be supported unless otherwise stated.

- Any DEC VAX
  - Minimum system memory = 3MB per application plus 5MB per MCA plus 3MB
  - Minimum system disk space = 2.025MB plus size of queues

  with
- Digital VMS 5.0 or later VMS 5.x with
  - VAX C 3.1 Run-time Library or
  - DEC C 4.0 Run-time Library or
  - DEC C 5.0 Run-time Library

  Note: For information about the compatibility of VMS 5.5 on VAX and OpenVMS 5.5 on VAX, please contact your Digital representative.

  or
- Digital OpenVMS VAX 6.1 only with
  - DEC C 4.0 Run-time Library or
  - DEC C 5.0 Run-time Library

For DECnet connectivity:

- DECnet communications adapter with the following for use with Digital VMS 5.x:
  - DECnet 5.5 or later 5.x

  or with the following for use with Digital OpenVMS VAX 6.1:
  - DECnet for OpenVMS VAX 6.1 only

For TCP/IP connectivity:

- Ethernet controller or FDDI controller with the following for use with Digital VMS 5.x:
  - DEC TCP/IP Services for VMS 3.3 or later 3.x or
  - DEC TCP/IP Services for VMS 4.0 or later 4.x

  or with the following for use with Digital OpenVMS VAX 6.1:
  - DEC TCP/IP Services for OpenVMS 3.3 or later 3.x or
  - DEC TCP/IP Services for OpenVMS 4.0 or later 4.x

For SNA connectivity:

- DECnet/SNA Gateway -ST or -CT with the following for use with Digital VMS 5.x:
  - DECnet/SNA VMS APPC/LU6.2 Programming Interface 2.2 or later 2.x (for Node Type 2.0)
  - Products listed above for DECnet connectivity

or with the following for use with Digital OpenVMS VAX 6.1:
   - DECnet/SNA OpenVMS APPC/LU6.2 Programming Interface 2.2 or later 2.x (for Node Type 2.0)
   - Products listed above for DECnet connectivity

  or
- SIMPACT communications adapter with Express Data Transfer Services 3.06 or later 3.x (for Node Type 2.1)

Supported languages for application development
For use with Digital VMS 5.x:

- VAX C 3.1 or
- DEC C 4.0 or
- DEC C 5.0

For use with Digital OpenVMS 6.1:

- DEC C 4.0 or DEC C 5.0

For further information

For more information about MQSeries, contact your IBM marketing representative or see the MQSeries Internet home page:

http://www.hursley.ibm.com/mqseries/

For the MQSeries newsletter, e-mail the editor at:

mqeditor@vnet.ibm.com

Produced by:
TS Marketing, Mail Point 186
IBM United Kingdom Limited
IBM United Kingdom Laboratories
Hursley Park, Winchester
Hampshire SO21 2JN
United Kingdom

Did you know ...?

... that MQSeries was voted Best Middleware product at the April 1996 Network Computing “Well-Connected” awards ceremony.

Don’t just take our word for it - see for yourself!

PMQDEC15