# MQSeries Everyplace for Multiplatforms Version 1 Release 2

IBM MQSeries® Everyplace™ for Multiplatforms is an innovative messaging product that extends the reach of the MQSeries family to a wider range of distributed and mobile environments. It provides function particularly suited to lightweight platforms, devices and unmanaged networks, and is the ideal way to provide MQSeries messaging in a world of fragile communications.

MQSeries and MQSeries Everyplace are complementary offerings within the MQSeries base messaging family. MQSeries Everyplace extends the capabilities and adds to the value of base messaging solutions by providing functions essential for the growing mobile environment (such as high security and optimized datastreams), and for new applications such as Internet access and retail solutions.
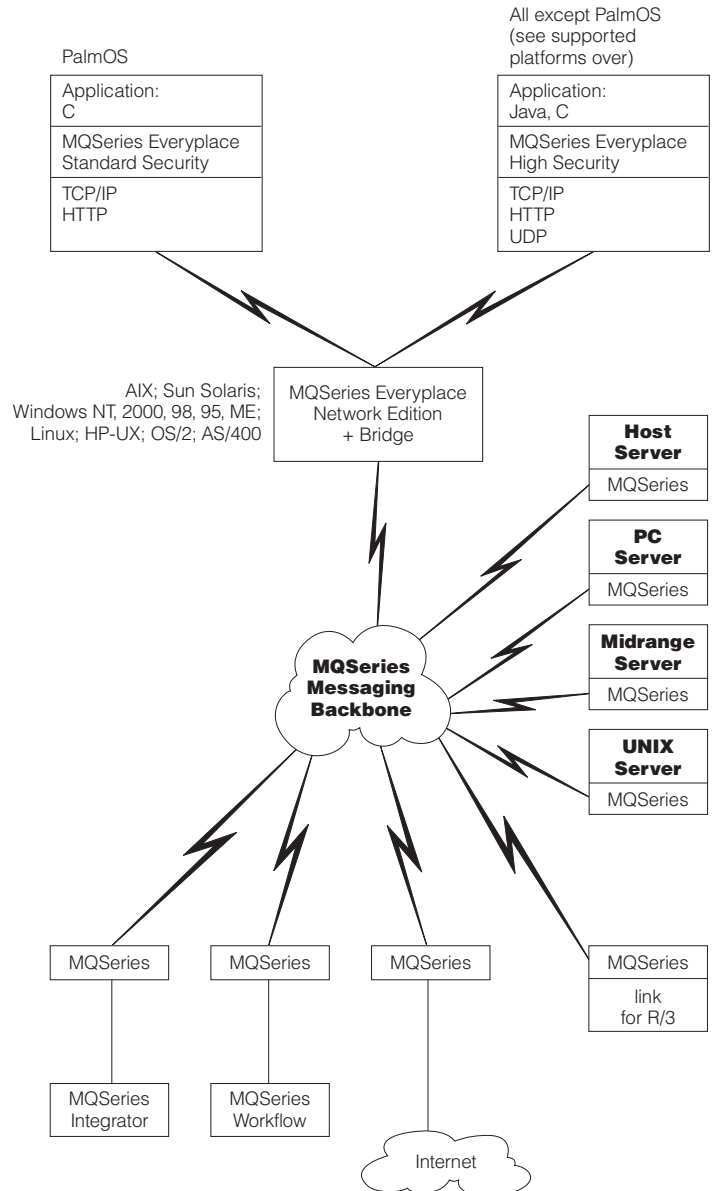
MQSeries Everyplace provides an assured messaging infrastructure where small footprints and optimized communication protocols are required. It is frugal in its use of system resources and minimizes the costs of set-up and administration, making it suitable for unmanaged networks. It offers tailored functions and interfaces appropriate to its customer set – for example, both synchronous and asynchronous messaging support, local and remote queue access, direct and indirect routing, rock-solid security and extensive customization capabilities.

MQSeries Everyplace provides cross-platform compatibility and function extensibility. It extends support to a wider range of distributed and mobile environments, and is suitable for use over public networks and for access through firewalls.

MQSeries Everyplace Version 1 Release 2 sees the introduction of an input node to MQSeries Integrator V2.0.2 (so extending MQSeries Integrator to new applications and information sources); a Retail Edition designed specifically for IBM 4690 system users; direct support of HP-UX, and Linux platforms; and a simplified pricing model.

## Highlights

- **Allows mobile workers to access corporate data and applications on any of the 35-plus platforms in an MQSeries network**
- **Runs on laptops, PDAs and telephones allowing mobile workers to choose personal workstations to suit their current needs**
- **Operates on 4690 retail systems allowing transactions captured from tills to be 'fed' more efficiently to host systems or MQSeries Integrator**
- **Can be easily customized and adapted, and requires minimal administration and management**
- **Ensures messages are delivered once and only once, so high value transactions are safe**
- **Includes rock-solid, end-to-end security (128-bit encryption) as standard, ensuring access to data is fully controlled**
- **Has simple set-up options for security and can easily work through firewalls using HTTP**
- **Provides full support for both synchronous and asynchronous messaging**
- **Tightly integrated with other MQSeries family members, and WebSphere Everyplace Suite**
- **MQSeries Everyplace now talks directly to MQSeries Integrator V2.0.2 via an MQSeries Everyplace input node.**

PalmOS

| Application: C |
| --- |
| MQSeries Everyplace Standard Security |
| TCP/IP HTTP |

All except PalmOS (see supported platforms over)

| Application: Java, C |
| --- |
| MQSeries Everyplace High Security |
| TCP/IP HTTP UDP |

AIX; Sun Solaris; Windows NT, 2000, 98, 95, ME; Linux; HP-UX; OS/2; AS/400

| MQSeries Everyplace Network Edition + Bridge |
| --- |

**MQSeries Messaging Backbone**

| Host Server |
| --- |
| MQSeries |

| PC Server |
| --- |
| MQSeries |

| Midrange Server |
| --- |
| MQSeries |

| UNIX Server |
| --- |
| MQSeries |

| MQSeries |
| --- |
| MQSeries Integrator |

| MQSeries |
| --- |
| MQSeries Workflow |

| MQSeries |
| --- |

Internet

| MQSeries |
| --- |
| link for R/3 |

## Program name

The formal name of this product is IBM MQSeries Everyplace for Multiplatforms, Version 1 Release 2: program number 5765-E63, part number 47P8488. The product is provided on CD-ROM, or as a download from the Web (see **ibm.com**/software/mqseries/everyplace for more details).

## Hardware requirements

It requires any Year 2000-ready vendor hardware that is explicitly compatible and fully capable of running the specified operating system, all the corresponding software shown below, and any associated applications unmodified.

## Software requirements

Directly supported platforms:
- *IBM AIX® 4.3*
- *Sun Solaris 7 or 8*
- *Microsoft® Windows NT® V4.0*
- *Microsoft® Windows® 2000 V1.0*
- *Microsoft Windows 98*
- *Microsoft Windows 95*
- *Microsoft Windows ME*
- *Linux Intel Kernel 2.2*
- *Linux for IBM @server zSeries Kernel 2.2*
- *HP-UX 11.0*
- *IBM 4690*
- *EPOC32 (on 5MX or NetBook)*
- *Microsoft Windows CE (on HP Jornada 680 or 820)*
- *PalmOS, V3.0 or higher (on Palm V or IBM Workpad C3).*

Indirectly supported platforms[1]
- *IBM OS/2® operating system*
- *IBM @server iSeries (AS/400)*
- *QNX Neutrino*
- *Pocket PC.*

[1]While IBM will make every effort to support a customer's chosen platform, it cannot always provide service directly on these platforms since it may not have a suitable test facility to investigate the problem.

MQSeries Everyplace bridge code may be deployed on:
- *IBM AIX 4.3*
- *Sun Solaris 7 or 8*
- *Microsoft Windows NT*
- *Microsoft Windows 2000*
- *Microsoft Windows 98*
- *Microsoft Windows 95*
- *Microsoft Windows ME*
- *Linux Intel Kernel 2.2*
- *Linux for IBM @server zSeries Kernel 2.2*
- *HP-UX 11.0*
- *IBM OS/2*
- *IBM @server iSeries (AS/400).*

## Java environment
- *IBM VisualAge® for Java™, including Micro Edition V1.1 or later*
- *Sun Microsystems Java, including Personal Java V1.1 or later.*

## Supported languages and compilers
- *Java JVM level 1.1 (except Palm)*
- *C (Palm only).*

## Interoperability

MQSeries Everyplace is compatible with the TCP/IP infrastructure provided by IBM SecureWay® Wireless Gateway for AIX V5.5 connected to the server running MQSeries Everyplace for Multiplatforms V1.2.

To work over wireless, MQSeries Everyplace needs a wireless telephone system that directly or indirectly (via another product) provides a TCP/IP infrastructure.

## Security

MQSeries Everyplace provides high security as standard with a selection of compression, authentication and encryption options, including 128-bit encryption – the highest level permitted by the US government.

## Retail

IBM MQSeries Everyplace, Retail Edition, (part number 47P8486) is a new offering for IBM 4690 users. Transactions can be captured from tills and trickle-fed via the 4690 to host systems or MQSeries Integrator. Assured message delivery and exploitation of the 4690 mirrored file system provide reliability and security.

## MQSeries family

e-business is accelerating the pace of change. Speed to market and quality of service are critical for success so companies need to be agile to survive. The MQSeries family provides a versatile platform for e-business.

It consists of five key elements:

- *MQSeries, the core of the MQSeries family, integrates over 35 platforms. Providing the base messaging functions for servers and clients, and assuring once only message delivery, it can be used alone or with other members of the family.*
- *MQSeries Adapter Offering provides the framework and tools to build and customize MQSeries adapters for existing and new, pre-packaged or custom-developed applications.*
- *MQSeries Everyplace brings the benefits of assured message delivery and rock-solid security to the failure-prone environment of mobile working.*
- *MQSeries Integrator, a powerful information broker, includes a one-to-many connectivity model plus transformation, intelligent routing and information flow modeling across multiple, disparate business systems.*
- *MQSeries Workflow, a business process management system, enables the definition, execution and swift change of complete business processes that span systems, applications and people.*

## For further information

Contact your IBM marketing representative or see the MQSeries Internet home page: **ibm.com**/software/mqseries/

For further information please see The Business Integrator Journal: **ibm.com**/software/thebusinessintegrator

### Did you know?

MQSeries was voted Best EAI Solution in the Best of Show awards at the XML One event in April 2001 – the latest in a long list of accolades.

Don't just take our word for it, see for yourself.

**IBM**®

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