

# MQSeries® Informational Flyer

---

## Highlights

- Ability to manage MQSeries Queues on TPF
- MQSeries Bridge for TPF - Eliminates need to make changes to existing applications
- Appears as a single image in loosely coupled environments
- Provides a "subsystem unique" Queue Manager

### **MQSeries Queue Manager For TPF Platform Simplifies Complex Mission Critical Applications**

Each day billions and billions of transactions define and establish the exchange of goods and services around the world. It's a complex transaction oriented marketplace, growing bigger every day.

Today, with the globalization of markets and the explosion of e-business, business enterprises require mainframes and middleware with the capabilities to process a steadily increasing number of transactions in a secure, reliable and accurate manner across many platforms.

The MQSeries Queue Manager, available soon on IBM's Transaction Processing Facility (TPF) platform, provides award-winning middle ware for asynchronous message delivery across more than 30 industry platforms, notably TPF, the operating system behind the majority of the world's airline reservation systems. The defacto standard for messaging middleware, MQSeries provides assured delivery of messages between applications on various platforms.

MQSeries is used to connect departments within enterprises, or one enterprise to another. Both the MQSeries Client and the MQSeries Queue Manager from IBM provide a connection between TPF and other systems, allowing applications on various systems to exchange information via asynchronous messaging.

The TPF transaction processing system, the high-end member of IBM's family of transaction processing solutions, is designed as an operating system powered by the S/390® engine and optimized for delivering the exacting and extreme requirements of highly scaleable, mission critical computing.

### **MQSeries Queue Manager for TPF – Delivering Connectivity**

The ability to handle MQSeries queues from a TPF platform via the MQSeries Queue Manager allows messages to be sent to and from queues that interface to applications on TPF. It will also allow MQSeries queues to be housed on the TPF system, providing existing TPF applications to forward and receive asynchronous messages via those queues. A bridge to existing TPF applications supplies an interface to the MQSeries Queue Manager with no application changes. This significantly simplifies the use of MQSeries Queue Manager for TPF with critical business applications already in use.



e-business™

Many TPF customers run their systems in loosely coupled mainframe environments. This was carefully considered in designing the MQSeries Queue Manager. It was developed to run in these loosely coupled systems, yet appears as a single image to systems outside the TPF environment. This means that applications can route messages to the MQSeries Queue Manager with no prior knowledge of what specific TPF system the message is destined for.

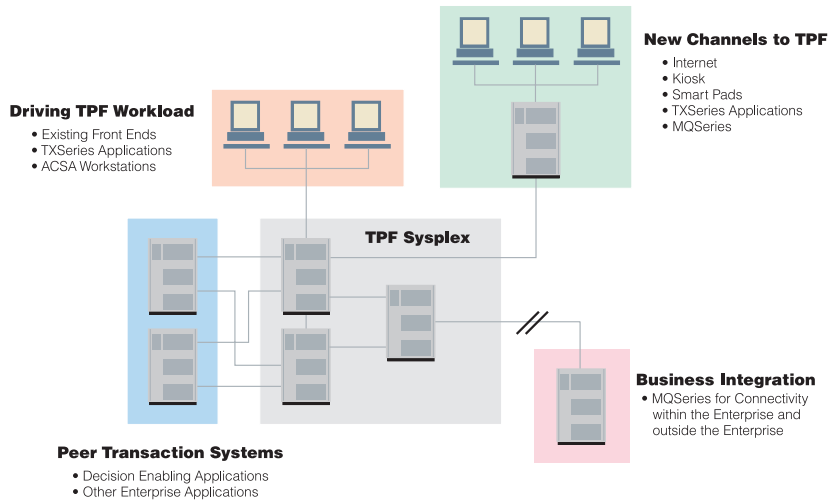
The MQSeries Queue Manager also features a special “subsystem unique” queue manager. So that in TPF environments where multiple subsystems are running, each subsystem can have its own MQSeries Queue Manager with no interference between them. This is a significant benefit for TPF customers—such as in the airline industry—who host separate reservation systems simultaneously.

“The enhanced MQSeries support in TPF allows TPF users easier and quicker access from multiple platforms to real-time TPF information,” says Colin Osborne, World Wide Business Executive for MQSeries, IBM Application and Integration Middleware. “This announcement means TPF customers now join the many other platforms supported by our Business Integration strategy aimed at simplifying the task of integrating their business processes, systems and applications.”

**Recognized Leadership, Dependable Performance**

Today, the MQSeries product line is used across many industries; the airline and finance industries are no exception. With MQSeries, these customers have a secure, reliable method to send messages with assurance that they’ll arrive at designated destinations, even if those messages are sent between applications across heterogeneous platforms within their enterprise or to outside suppliers.

**IBM's "e-business for TPF" capabilities**



This ability to send “inter” and “intra” enterprise asynchronous messages via MQSeries allows applications on different platforms to communicate using a variety of protocols without having to program and maintain unique communications code. And with the bridging capability provided by MQSeries Queue Manager for TPF, application interface to MQSeries is a simple, fast and highly reliable solution for even the most demanding critical and complex applications.

TPF provides MQSeries APIs and functions that relieve the programmer of the need to protect messages while they await processing in a queue and hide the communications complexities of multiple protocols. An inboard MQSeries capability on TPF provides for the robust and persistent management of queues across many platforms.

**For More Information**

To learn more about IBM Travel Distribution solutions, TPF operating systems, transaction systems, and IBM e-business solutions, visit the following web sites: [www.ibm.com/travel](http://www.ibm.com/travel); [www.s390.ibm.com/products/tpf/tpfhp.html](http://www.s390.ibm.com/products/tpf/tpfhp.html); [www.software.ibm.com/ts](http://www.software.ibm.com/ts); [www.ibm.com/e-business](http://www.ibm.com/e-business). Or for special assistance, contact Kathy Zuzeck at (301) 803-6087, [zuzeck@us.ibm.com](mailto:zuzeck@us.ibm.com).



© International Business Machines Corporation 1998

IBM Corporation  
Marketing Communications, Servers  
Route 100  
Somers, NY 10589

Printed in the United States of America, 10-98  
All Rights Reserved

This publication was produced in the United States. IBM may not offer the products, services or features discussed in this document in other countries, and the information may be subject to change without notice. Consult your local IBM business contact for information on the products or services available in your area.

You can find additional information via IBM's World Wide Web server at <http://www.ibm.com>.

IBM hardware products are manufactured from new parts or new and serviceable used parts. Regardless, our warranty terms apply.

The products and services described in this offering are also available separately.

® IBM, MQSeries and S/390 are registered trademarks of International Business Machines Corporation in the United States and/or other countries.

All other trademarks or registered trademarks are the properties of their respective companies.