

# SPAZIO FTFI

## File Transfer Flow Integrator

Middleware  
Made in Italy

### The problem

In an e-Business environment, companies are requested to use electronic facilities to move information to customers, suppliers, business partners or employees in a reliable, secure and efficient manner.

### The solution: SPAZIO FTFI

SPAZIO File Transfer Flow Integrator is a File Transfer solution based on a de-coupled, store and forward, Mailbox-based architecture, which also allows direct transfer from source to destination. Applications simply move files in and out of the local Mailbox. SPAZIO FTFI takes care of the synchronization of the transfer activities in order to guarantee the delivery of the files to the destination Mailbox.

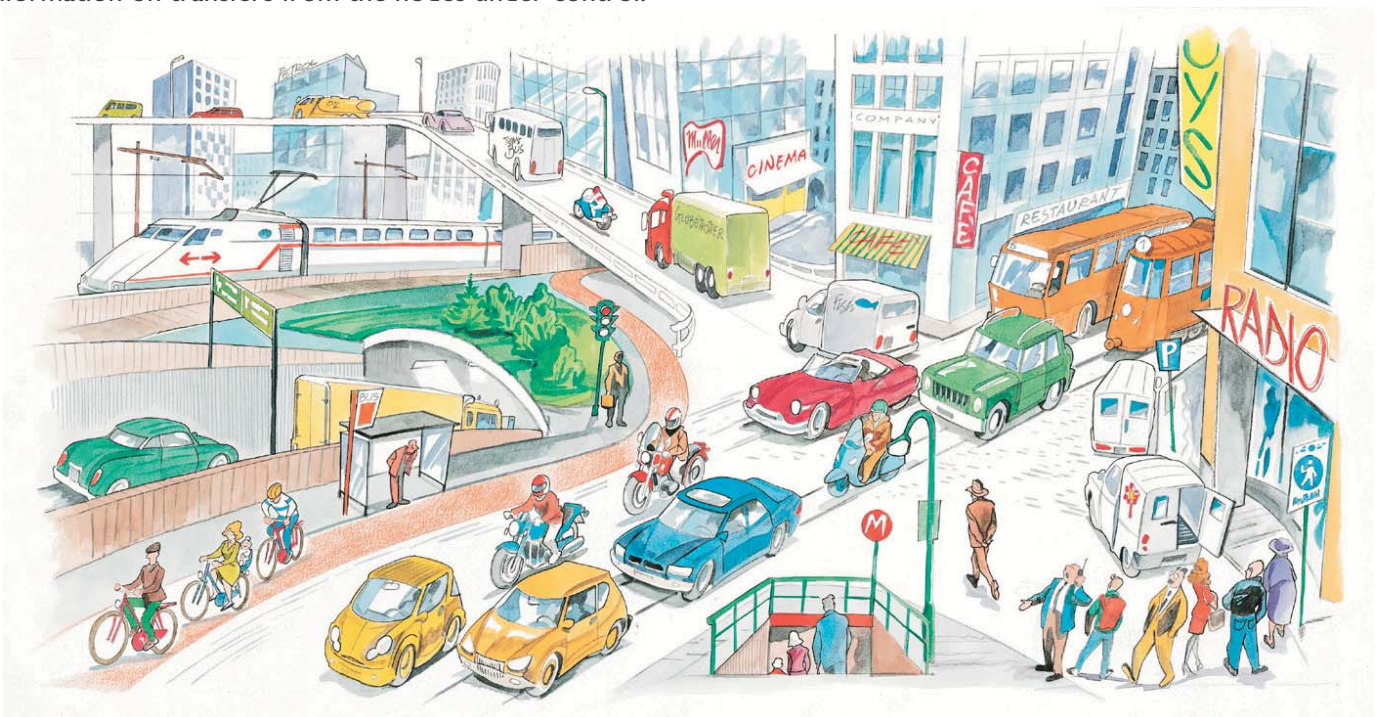
### Benefits

**Multi-platform Support:** a wide range of platforms are supported by SPAZIO FTFI technologies.

**Multi-technology Support:** there are three main connectivities provided by the product.

- WebSphere MQ technology supported by the SPAZIO FTOM option, allowing SPAZIO FTFI to use the WMQ network.
- **Internet protocols:** **HTTP** base, requiring no client-side software; HTTP with a more complete feature set, requiring a Plug-in or ActiveX on the client side; **FTP** (also with **SSL**); **SMTP** (also **S/MIME**).
- Proprietary protocol support including SPAZIO FTFI's own protocols that support SNA or TCP/IP, and third party protocols that allow you to integrate the most popular third party file transfer products, including NetView FTP, NetMaster FTS and Connect:Direct.

**Centralised Data Flow Management:** **SPAZIO Orchestration Suite** is the set of tools that allows a company to have a complete global view of the Enterprise Data Flow. The suite includes three modules: The **Modeler** enables the modeling of the data flow infrastructure components such as Servers, Queue Managers, Users, Applications and the Flows that move within the infrastructure. It also allows the defining of possible cut-offs to be associated to the flows. The **Monitor** allows the administrator to check what has occurred in the infrastructure, monitoring modeled (and unmodeled) flows and to be alerted on flows that have exceeded (or are about to exceed) cut-offs. In addition, it includes the capability for building notification mechanisms (also for external tools). The **Agents** collect information on transfers from the nodes under control.



**Automatic Start of Processes** (batch, shell, transaction) on reception of a particular file or at a scheduled time. The process will be restarted in case of error.

**Automatic Versioning** of files when different files with the same name are received on the same SPAZIO FTFI node.

**Acknowledgement:** up to five check-up points of the data flow.

**Transmission Priority** can be assigned to files.

**Restart** capability: in the case of failure, restart of the file begins from the point of interruption.

**Archiving** capability for files sent or received that can be subsequently retrieved. Files can be retrieved and filtered by sender, queue, file name, data and time.

**Data Security:** an unrivalled support for security standards and a wide choice of security architecture (point to point, end to end).

**File Compression** up to 90% on files.

**Optimized File Transfer:** file transfer efficiency is improved by a unique range of features to allow multiple data transfer:

- Single file to multiple destinations for a file broadcast.
- Single or multiple files transferred.
- Parallel transmission over multiple communication lines.
- Flow control bandwidth to limit the link utilization by the file transfer activities.

**Command Interface:** ISPF panel, Windows GUI, command line.

**Management Tools** include a proprietary administrative console and SNMP management support integrated with the most widely used framework.

**SPAZIO FTFI API:** C, C++, COBOL, Java. API can be invoked by CICS, WebSphere, Batch Jobs.

**SPAZIO FTFI Client:** there are several options for the SPAZIO FTFI client according to the environment: for **Internet** there is **SPAZIO Plug-in**, for **WebSphere MQ** **SPAZIO XSP** and **File Gate Professional** and for SPAZIO proprietary FT **File Gate Professional**.

SPAZIO FTFI can be easily extended with additional modules to cover brokering and legacy integration:

**Brokering extensions:**

- **SPAZIO FMT** transforms files into messages and vice-versa and includes file format transformation (e.g. into XML) providing light brokering functionalities.
- **SPAZIO File Extender** allows file management to be integrated into the IBM WebSphere Business Integration Brokers.

**Legacy Integration extensions:**

- **SPAZIO Legacy Integration** for seamless encapsulation of legacy transactions.
- **SPAZIO Data Extract** a mainframe-based extraction and consolidation utility.

