

## About Citibank

*Citibank, one of the world's largest commercial banks, is totally committed to providing solutions in implementing multi-domestic management structures for international corporations worldwide. Citibank invests heavily in global, customer-focused technological enhancements. This continuous investment in advanced financial services emphasizes their commitment to providing the most cost effective financial and cash management structure, all subject to Citibank's Quality Management Principle of "Zero" Defects.*

Citibank is the recognized global leader in cash management services, committed to providing the right solution for each client's business requirements. Citibank is continually investing in technological innovations to meet the changing needs of customers. Citibank has been leading the way in the areas of advanced electronic commerce systems.

Citibank is committed to using its global resources and expertise, together with its unrivaled market knowledge to design specific business solutions for its clients. Because their products and services are implemented worldwide, they provide a uniformity that ensures a consistency in quality standards and control for their clients business operations around the globe.

### Application Overview

Citibank's MTMS-32 application provides secure Internet financial transactions for international corporate operations. The most demanding cash management and commercial transaction requirements for managing multinational organizations are delivered by MTMS-32 with all the performance and security expected from Citibank. MTMS-32 is designed to protect and secure the vital financial data that is required to operate and manage the most complex global operations for world-wide multinational corporations.

The MTMS-32 client side application is designed to operate in all 32 bit versions of Windows (including Windows 2000) and utilizes the FairCom 32 bit Windows

and FairCom Novell NLM Servers for back end processing. With an installed base of 4,000 FairCom



Servers managing the back-end processing, there will be thousands of clients utilizing this application through-out Europe and Asia on a daily basis.

### FairCom and Citibank

One of Citibank's requirements for the MTM-32 application was for a very secure level of data encryption. To meet this demand, FairCom architected a special security hook for the FairCom Server SDK that allows the developer to install their own custom security algorithms. This includes the ability to implement the latest in SSL, triple DES, or even a custom developed encryption algorithm.

# CITIBANK

#### Company:

Citibank

#### Industry:

Financial

#### Requirements:

Security and customization

*"Our design team worked closely with (FairCom's) engineers to implement the file encryption which strengthens the security of our products."*

**Panos Neris,**  
Vice-President, Citibank London.



## The Details

FairCom's c-tree Plus®, the FairCom® Server and the FairCom® ODBC Driver technology gives Citibank the database technology required to support a complex, demanding global cash management and financial transaction system. FairCom's commitment to data integrity ensures data availability to Citibank's application under even the most demanding conditions. Full recovery from catastrophic events, full rollback/rollforward operations and dynamic backup features assures Citibank clients that their vital financial data is always available.

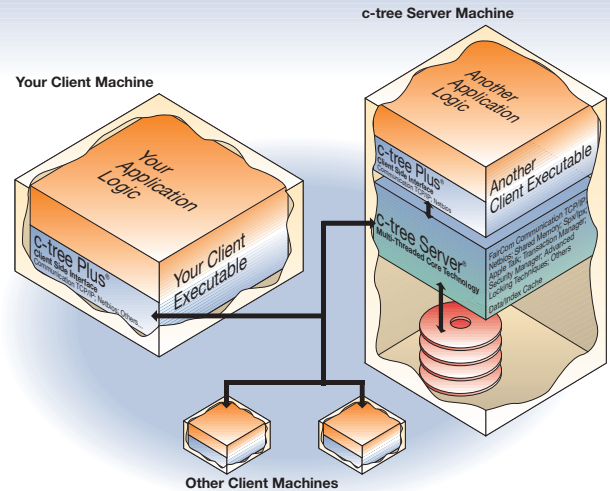
FairCom's support of Citibank's application on multiple platforms such as Windows NT and Novell Netware is an example of how FairCom's portability enhances Citibank's flexibility to meet the needs of its clients. Applications such as Citibank's MTMS-32 using FairCom's client/server database technology can easily be moved to over 26 operating system platforms without reprogramming the database implementation. Developers such as Citibank can then quickly respond to client specifications without forcing the customer to modify currently installed hardware investments.

Finally, FairCom's ability to incorporate special features and modifications such as robust password support, SSL technology and specialized ODBC technology is a demonstration of FairCom's flexibility and responsiveness. One of the most valuable features of FairCom's client/server database technology is its ability to meet the most demanding mission-critical application specifications. The flexibility incorporated in and available to the developer guarantees the efficiency, effectiveness and reliability of database operations for each and every application no matter how large or small.

This flexibility and the performance provided by FairCom's client/server database operations guarantee Citibank clients have the

ability to manage the most critical financial data worldwide in the 21st century global economy.

## FairCom Technology



### FairCom® Server SDK

FairCom's Server Development System was created to provide the developer the means to create an industrial strength database Server. With complete make-files included for all FairCom commercially supported platforms, add/override existing database functionality or create your own special multi-threaded server with FairCom's proven Server kernel. By moving functionality to the server-side, you can decrease network traffic and increase performance!

### FairCom® Server

FairCom's database Server offers exceptional performance by minimizing network traffic and utilizing the power of multi-threading. With heterogeneous network support, dissimilar clients

can attach to any combination of FairCom Servers. Build the application for one platform and easily migrate to over 20 platforms. FairCom Servers are available for 32 bit Windows including Windows 2000, apple Macintosh, Novell Netware, OS/2 and most Unix environments including AIX, HP/UX, Linux, Sun Solaris (SPARC and Intel), QNX and many more.

### FairCom® ODBC Driver

The FairCom ODBC Driver allows the end-user direct, easy access to c-tree or c-tree Plus files from ODBC compliant applications like Microsoft Office or Crystal Reports. FairCom's ODBC Driver supports all Windows platforms with full read/write capability to your c-tree/c-tree Plus data and index files.

*"Our development group found FairCom's engineering team deserving their excellent reputation. Our design team worked closely with their engineers to implement the file encryption which strengthens the security of our products. FairCom delivered quality service and product throughout the design process to our implementation. They have many years of providing innovative, dependable solutions to the commercial software community, and it shows."*

**Panos Neris, Vice-President, Citibank London.**

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