

FOR IMMEDIATE RELEASE

SUBJECT:

## FairCom® releases new version of the FairCom® Server V6.7A, with conditional index support, transaction history, variable length API; multi-threaded API, more

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**Columbia, MO Sept. 24, 1997 —**

FairCom® Corporation announced the latest release the FairCom Server v6.7A database server. This new release of FairCom's C ISAM database API offers an enhanced variable length API resulting in easier and faster variable length record operations and conditional index support, which provides a means to define complex expressions and use them to filter the entries within an index. Other major features of this release include a transaction history function, which makes it possible to access the audit logs of transaction controlled files; multi-threaded client API; Java interface, complete make files for all 26 supported commercial platforms.

Michael Strickman, President of UnderWare, Inc., the original developer of the BRIEF® editor observes: "We've seen initial performance gains of over 100% with the new variable length record functions, due to the reduction in network traffic." The new variable length API permits faster variable length record operations by enabling all or a portion of a variable length record to be retrieved. "The number of function calls between client and server is cut in half with this new feature, thus the increase in throughput." Strickman explains. "Essentially the variable length record is now obtained in one read." UnderWare produces the well-known software development tool Track Record®, which handles defect and project tracking.

The new release of the FairCom Server also provides conditional index support, which allows indices to be defined at the data content level rather than at just the field level. Dynamic

index (select/omit) filtering can be performed on the FairCom Server index files by using a powerful expression parser/analyzer. Complex expressions are defined and evaluated at run time to control index entries, resulting in smaller, highly efficient indices groomed to a developer's precise needs.

FairCom also provides a new thread-safe server engine library SDK with this Server release which allows specific routines to be linked directly with any FairCom Server. Multiple library configurations are also supported and developer's may use their own communications subsystems, such as RPC.

The transaction history function allows for the accessing of the audit logs of transaction controlled files. This enables the programmer to scrutinize the changes performed on each unit of information at a very detailed level. One such use of this technology has been to track the changes made to a manufactured device as it proceeds through an automated fabrication factory. The exact individual history of each manufactured device can be determined from the transaction log files.

Multi-threaded client API is available with this release as a full, cross-platform thread management API for the multi-user stand-alone model and the multi-threaded client/server model. Applications benefit from enhanced performance and better logical program flow. In addition, this API handles all system specific threading issues that arise when moving between operating systems, even systems not supporting native threading. Advanced inter-thread communications further strengthens the power of this robust API.

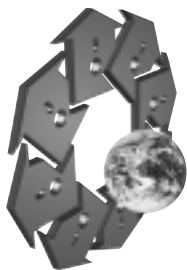
Also available with this release is j-tree™, a Java layer API for the FairCom Server. This layer supports the FairCom Server and Java's native methods and Remote Method Invocation

(RMI) technology.

Additional features of version 6.7 of the FairCom Server include: ISAM access enhancements, batch performance, system configuration function and transaction processing enhancements; new extended performance monitor; and file path control.

FairCom created Access Manager for Digital Research in 1979 and released its first true application development tool, the original c-tree file handler, that same year. Today the FairCom Server is running in over 100 CPU/OS environments in more than 98 countries worldwide. FairCom technology is utilized by such noted organizations as: McGraw-Hill, Federal Aviation Administration and Federal Express. Corporations like Computer Associates and Sharp Corporation have embedded FairCom's the FairCom Server within vertical market products and licensed its Server technology for OEM uses. In addition to the Java interface, a full featured ODBC Driver for stand-alone and Server applications is available in both 16 and 32 bit models.

The FairCom Servers V6.7A are priced between \$445 - \$6795 with full client C source code, 26+ free development Servers, development ODBC Drivers and j-tree™. For more information, contact FairCom Corporation in the US at (573) 445-6833; in Europe at (39) 35- 773 464; Japan at (81)-0592-29-7504; Brazil at (55) 014-224-1610 or [www.faircom.com](http://www.faircom.com).



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