

DATA SHEET

ACUSERVER®

Business Challenge

For every organization, data is one of the most important corporate assets. The information in your database runs the business, defines your customers, and helps you make strategic decisions. Instant, reliable access to your business-critical data is vital to your success. AcuServer, the high-performance, remote file server gives you access to corporate data wherever it resides. Whether your data is on Windows®, UNIX® or Linux®, in a LAN, WAN or Internet configuration, AcuServer can help you access it quickly and reliably every time.

Product Overview

AcuServer is a remote, file-server technology that gives you safe, immediate access to indexed, relative, or sequential data, and object files in any TCP/IP network, including the Internet. You specify the location of your remote data, or object files in a configuration file on the client, and your customers, or users run your ACUCOBOL-GT application on their local machine as usual. A memory-resident program on the server manages file I/O requests and executes them with a single network transaction, minimizing network overhead, and maximizing performance. In most cases, you do not have to change your existing code to use AcuServer, and you don't have to recompile your programs. AcuServer lets you place data strategically in your network so you can use your computing resources more efficiently.

Key Benefits

- Transparent access to both remote and local files
- Full function remote access from supported clients to all ACUCOBOL-GT® indexed, relative, sequential, and object files
- Ability to create, and store indexed, relative and sequential data files on any UNIX, Linux, or Windows server
- Ability to access XML documents stored on remote servers, when used in conjunction with the AcuXML interface
- Full record-locking capabilities

Detailed Feature Overview

EASY TO DEPLOY

If you are already using ACUCOBOL-GT, you don't have to change your existing code to use AcuServer unless your application uses hard-coded pathnames. You don't have to recompile your programs. Simply create a configuration file in which you specify the location of your data using remote name notation.

EASY TO MANAGE

Through simple command-line options, AcuServer lets you check system status, generate status reports, and maintain the server access file. You can even dynamically change the configuration of a running AcuServer instance. Windows administrators are given a graphical management console to manage AcuServer functions. The server access file is the same file that is used with AcuConnect.

EXCELLENT PERFORMANCE

By design, AcuServer minimizes network overhead and maximizes performance. A memory-resident program on the file server manages file I/O requests and executes them with a single network transaction.

BUILT-IN SECURITY

To safeguard your information assets, AcuServer lets you establish user and group accounts with client passwords, read/write privileges, and more. This is done through a server access file that controls remote file access. The security services offered by most operating systems are available to you as well, so users can utilize their usual network logins if desired.

INTERNET ACCESS

Because the Internet is a large TCP/IP network, AcuServer supports Internet deployments. The remote name notation you use in your configuration file can specify URLs, or IP addresses as well as LAN/WAN directories, giving users secure access to your data via the Internet.

MULTIPLE FILE TYPES

AcuServer provides full function remote access to many different types of data and object files. These include:

- ACUCOBOL-GT indexed files (Vision files),
- ACUCOBOL-GT relative files
- ACUCOBOL-GT sequential files
- ACUCOBOL-GT object files
- XML documents (when used with AcuXML)

Other Key Features

- **Supports multiple AcuServer instances:** With the appropriate licenses, you can start multiple instances of the daemon called acuserve. This lets you balance your processing load and improve response time.
- **Server access file:** Remote file access is controlled through a server access file. This file establishes user accounts, client passwords, read/write privileges, etc. The server access file ensures that only authorized users have access to your corporate data.
- **Data encryption support:** Optionally, you can direct AcuServer to encrypt all data exchanged between any given client connection and the server.

Product Specifications and System Requirements

Server Platforms

- UNIX, Linux, Windows® XP, Windows Server 2003, Windows Server 2008, Windows Server 2012

Client Platforms

- Windows® XP, Windows Vista, Windows 7, Windows 8, Windows Server 2003, Windows Server 2008, Windows Server 2012

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