

FacetCorp Releases

FacetWin® Version 2



FacetCorp

has announced the release of FacetWin Version 2, which includes a complete graphical administration utility, PC clock synchronization with UNIX®, and enhanced NT domain compatibility. The new FacetWin administrator provides a Windows®95 and Windows NT® property sheet interface, allowing the administrator to control all aspects of the FacetWin environment from a single point (see feature summary on page 2 for more details).

FacetWin provides a complete solution for Windows 95/98 and Windows NT to UNIX integration, including transparent file & print services, terminal emulation, PC backup/restore, POP3 e-mail server, modem server and remote computing support. FacetWin includes an all-in-one feature set that allows users of Windows and Windows NT PCs to transparently access and use the UNIX network resources (such as files, disks, Windows applications, and printers).

Sequent Computer Systems Inc., a leading vendor of Intel-based data center systems has been beta-testing FacetWin Version 2. "The graphical administration tool with context sensitive help in Version 2 of FacetWin makes for easy management of our 1,100-user FacetWin environment," explained Chris LaFournaise, IS Operations Manager with Sequent. "FacetWin Version 2 makes the configuration of file and printer sharing a snap."

Rainmaker Systems Inc., the leading outsourcer of maintenance sales for software publishers has been beta-testing a 250+ user license of FacetWin Version 2. "FacetCorp has a history of providing top-notch products that address the needs of the UNIX world," said Michael Silton, CEO of Rainmaker Systems.

"We know that the enhancements made to FacetWin in Version 2 will catch the attention of many networking professionals."

"FacetCorp learned long ago that in order to remain competitive today, we must be market-driven," remarked Jim Bryant, FacetCorp's President. "The graphical administration tool in FacetWin Version 2 is a direct response to the feature requests of our customers." Bryant continued, "In fact, the success of FacetCorp is owed to our customers and our ability to respond to their needs. This release shows FacetCorp's commitment to maintain FacetWin's reputation as a world-class solution within the UNIX community."

FacetWin has enjoyed substantial success since the product was first released with tens of thousands of users worldwide. The FacetWin customer list includes such prestigious organizations as:

Adidas, Allstate Insurance, AT&T, Bayer Corporation, Borden Foods, Duracell, IBM Corporation, JP Morgan, Marriott International, Minolta, Mitsubishi, NASA, National Westminster Bank, Neiman Marcus, Office Max, Southwestern Bell, and Western Electric.

Continued on page 2 . . .

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FacetCorp Releases

FacetWin[®] Version 2

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FacetWin differs from existing connectivity alternatives in several ways. First, FacetCorp based the file and print services in FacetWin upon the Common Internet File System (CIFS) formerly known as SMB. This is the primary system that Microsoft Windows uses for networking PCs. Many other connectivity products use the UNIX-oriented Network File System (NFS) method of loading NFS software on the PC to enable it as a UNIX NFS client.

Instead, FacetWin provides a UNIX CIFS server (that requires no additional software to be loaded on the PC) to get transparent file and print services. CIFS was chosen for FacetWin because it is very easy to install and administer (since FacetWin administration can take place from the UNIX server), and because of its good performance. The FacetWin terminal emulator was designed as a native 32-bit application for Windows 95 or NT 4.0. In creating the terminal emulator, FacetCorp was able to leverage the terminal emulation technology built into FacetTerm[®] (the company's award winning multi-session product).

FacetWin Version 2 is priced at \$195 with discounts for multi-user licenses. FacetCorp offers free 30-day evaluation copies of the product from their World Wide Web site (www.facetcorp.com) and through their established channel of worldwide distributors.

NEW VERSION 2 FEATURES

- Graphical property sheet administration from Windows.
 - ◆ All FacetWin features administered from a single intuitive interface.
 - ◆ Provides a single point of administration for all FacetWin servers on the network.
 - ◆ FacetWin may still be administered by editing the text configuration files if desired. The graphical administrator preserves all comments in the configuration files.
 - ◆ Context sensitive help for every configuration setting allows the system administrator to quickly understand the rich set of options that are available.
 - ◆ Non-“root” users may run the administrator in read only mode in order to view the FacetWin



settings without being able to make any changes to the configuration.

- ◆ Configuration files are backed-up prior to committing changes so that the system administrator can easily determine what changes have been made to the configuration and when they were made.
- PC clock/time synchronization with UNIX.
- Multiple backup domain controllers supported for pass-through authentication.
- Provides CIFS “op-locks” for read only shares.
- 24 hour web-based license registration.

FacetWin FEATURE SUMMARY

File Services: FacetWin enables users to view, access and save files, as well as launch Windows applications located on a UNIX server, without the hassle of copying files back and forth. UNIX disks simply appear in the “Network Neighborhood.”

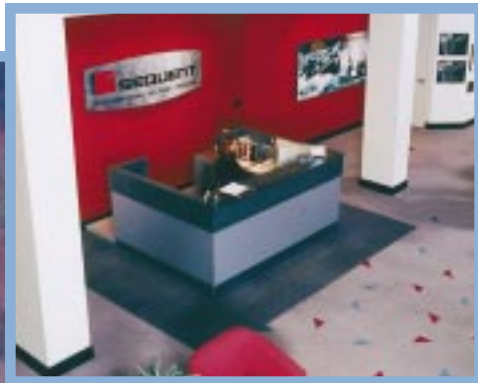
Print Services: FacetWin allows Windows users to access any UNIX printer directly from their Windows application. The product also lets UNIX users and applications print to PC printers.

Terminal Emulation: FacetWin includes support for the most widely used terminal emulation families including Digital's VT series, SCO/ANSI color console, Wyse, and IBM. Terminal emulation allows PC users to work with UNIX-based applications by emulating a UNIX work environment. The terminal emulation in FacetWin also includes the unique Window Watch[™] and QuickLaunch[™] features.

PC Backup: FacetWin allows system administrators to schedule and perform routine backups of networked PCs to a UNIX tape drive. **Modem Server:** FacetWin provides Windows terminal emulation access to a pool of modems connected to a UNIX server from anywhere on the network. The server effectively provides modem access to users without requiring them to be physically wired to a modem and phone line. **E-mail Server:** FacetWin includes a POP3 server which allows e-mail to be moved between UNIX and Windows mail systems. This means users can use any POP3 compliant mail client they prefer.

Remote Computing Support: All features included in FacetWin may also be utilized from a PC connected over a dial-in modem. This makes it possible for a user working at home or on the road to access and/or print files located anywhere on the network.

SEQUEST



Above: Sequent
NUMA-Q

Above right & side
right: Sequent
Headquarters in
Beaverton, Oregon

FacetNews publishes the successes of companies using FacetCorp's products with the intention that one of our customer's technology implementations may inspire others who are seeking new ways to address real-world computing issues. With this edition, we profile Sequent Computer Systems, Inc.

Sequent Computer Systems has chosen FacetCorp's FacetWin as the Windows-to-UNIX connectivity software solution for their internal networks of NUMA-Q™ 2000 and Symmetry servers running DYNIX/ptx® 4.4 UNIX. FacetWin includes an all-in-one feature set that allows users of Windows®95 and Windows NT® clients to transparently access and use the Sequent DYNIX/ptx® based network resources (such as files, disks, applications, and printers).

FacetWin features include file and print services, terminal emulation, and the ability to automatically back-up networked PCs to a UNIX tape drive. Other features include networked modem access for PC users, an e-mail POP3 server, and remote computing support which provides complete network functionality to users connected via modem. Sequent Computer Systems has licensed FacetWin for over 1,200 users on 17 DYNIX/ptx servers in a distributed systems

environment at their headquarters in Beaverton, Oregon. "The combination of Sequent NUMA-Q architecture with FacetWin technology provides easy access to the corporate data our employees need to run the business," said Robert D. Witt, CIO at Sequent Computer Systems. Witt continued, "FacetWin now allows the networked clients in our complex computing infrastructure to share accounting, database and other server-based corporate information, with uncompromising security."

Sequent Computer Systems selected FacetWin not only for its ease of use, implementation and administration, but also because of FacetCorp's technical support. "FacetCorp's technical support is what convinced us they were our best choice for Windows-to-UNIX connectivity. They are an extremely competent group of support engineers," remarks Chris LaFournaise, IS Operations Manager with Sequent Computer Systems. "We have used several competing products in the past, all of which were difficult to install and configure properly," continued LaFournaise. "Naturally, we were very happy when FacetWin was installed and ready to go in just a couple of hours." Sequent Computer Systems has been beta-testing the graphical administrative tool available in Version 2 of FacetWin. "We wanted to avoid having to install NFS on a thousand desktop devices," explained Tim Allen, System Administrator at Sequent, "FacetWin is even easier now because it allows me to completely manage the FacetWin environment through a single graphical tool."

"We are thrilled to have been selected by such a high technology leader as Sequent Computer Systems for their in-house use, particularly after evaluating numerous other products," says Paul Vance, Vice President and General Manager with

Sequent Computer Systems Chooses FacetWin® for Internal Operations

FacetCorp, "Their decision helps confirm our engineering investment toward this industry trend — that tight integration of Windows and UNIX is critically important in corporate enterprise networks."

FacetCorp is committed to developing superior products and providing outstanding technical support. As Sequent suggests through their decision to implement FacetWin, customers still consider these principles to be important in today's rapidly changing software industry.



"NET TIME" — the Forgotten Command

By Eric Yundt

In the "handy, but rarely used" department, sits the lonely "NET TIME" command. *FacetWin* enables you to use this nifty utility to synchronize your Windows PC time clocks with your UNIX system time clock. Automate this time synchronization and never again worry about your PC being out-of-date.

The "NET TIME" command can be run from the Windows 95 MS-DOS Prompt or the NT Command Prompt. When using the "NET TIME" command to connect to a *FacetWin* Server, the normal SMB password security options still apply — i.e., the user must be able to connect to *FacetWin* shares.

From the Windows 95 MS-DOS Prompt or NT Command Prompt . . .

To see the current time, but not set your time clock:

```
C:\> net time \\UNIXSERVER
```

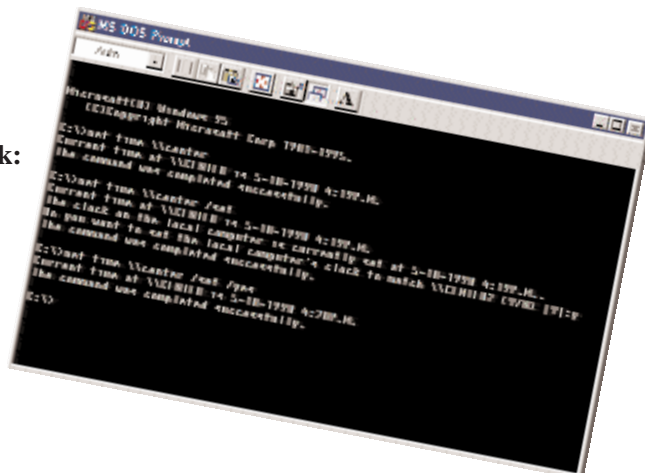
To interactively set your time clock by the UNIX server's clock:

```
C:\> net time \\UNIXSERVER /set
```

Or to set your time clock by the UNIX server's clock without prompting:

```
C:\> net time \\UNIXSERVER /set /yes
```

For automatic operation, you can create a simple DOS batch file and put a shortcut to it in your Start Menu's "StartUp" group or launch it via the Windows 95 System Agent or the NT Schedule Service. For example:



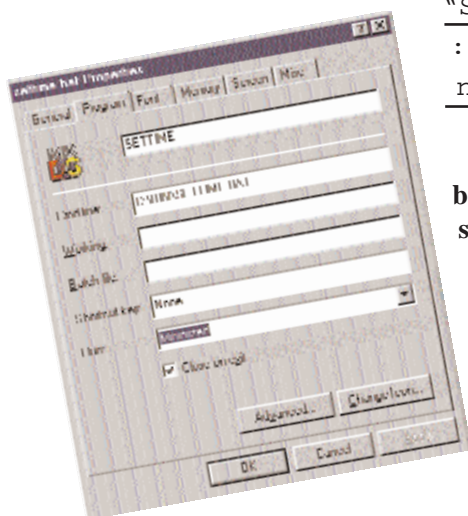
"SETTIME.BAT" :

```
: SETTIME.BAT - synchronizes time clock with UNIX server
net time \\UNIXSERVER /set /yes
```

To run this batch file unobtrusively, go into the batch file properties (right-click on the batch file from Explorer, pick Properties) and on the property sheet's "Program" tab, select:

```
Run: [ Minimized . . . . . ]
      [x] Close on Exit
```

Now you can go to bed at night knowing that there is a little less chaos in the universe.



Please contact *FacetCorp* Technical Support if you have trouble implementing this or if you have any other questions. Other technical application notes are available from the *FacetCorp* webpage.

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BRAIN TEASER

"The Explorer"

An explorer wants to cross a desolate desert on foot. It will take six days, but any one man can take enough food and water for four days only. Fortunately the local village can supply him with men who will act as bearers. What is the least number of bearers he needs to help him make the journey. (Inhumane solutions are inadmissible!)

For the answer to this brainteaser, please refer to our website: www.facetcorp.com. You may also send an e-mail to marketing@facetcorp.com or send a fax to FacetCorp Marketing 972/612-2035.

Got a good brainteaser? Send it in and if we publish it, you will receive a FacetWin T-shirt!

Taken from: Paul Sloane, Testing Your Lateral Thinking IQ, New York, New York: Sterling Publishing Company, Inc., 1994



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Sequent SURF Show

FacetCorp demonstrated the advantages of FacetWin at the recent Sequent User Resource Forum in Washington D. C.



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