



## User Manager Pro: Revision History

Version	Build	Released On
<b><u>7.10</u></b>	<b><u>080930</u></b>	<b><u>October 6, 2008</u></b>

- Fixed: Local groups report was not picking up indirect inherited memberships accurately
- Fixed: Jobs set to run against a particular dynamic group displayed wrong group name
- Fixed: WMI report would sometimes hang
- Fixed: Some WMI reports did not return data
- Fixed: When exporting reports to CSV format, some reports exported to a single line
- Fixed: File reporting did not return results when searching against root directories

<b><u>7.09</u></b>	<b><u>080425</u></b>	<b><u>May 9, 2008</u></b>
--------------------	----------------------	---------------------------

- Fixed: IP Scanner would hang if a large number of ranges were defined to scan
- Fixed: UMP would crash when attempting to browse for users in the users dialog

<b><u>7.08</u></b>	<b><u>080417</u></b>	<b><u>April 22, 2008</u></b>
--------------------	----------------------	------------------------------

- Changed: Behavior of reporting dialog animation when in Terminal Services to improve responsiveness
- Changed: Scheduled job logs now truncate and archive to maintain ease of use
- Changed: Duplicate system identification method
- Changed: Job scheduling feature to run job on new systems removed to avoid job race conditions on long running jobs that stopped other jobs from ever running
- Changed: Registry reporting behavior when dealing with dynamically loaded registry keys
- Changed: Admin privileges over a DC not required when running an LDAP query
- Changed: UMP DB connection code to allow for independent control of the database connection timeouts (registry settings)
- Fixed: Blank passwords were being set for accounts on systems when using the Random Password Generator with certain settings
- Fixed: Random Password Generator constraints not working as expected



- Fixed: Auto-open VNC would fail with "Error 123: File already in use" no matter what
- Fixed: File report was omitting file version and resource information
- Fixed: Scheduled user report would show different password age information then when job was run interactively
- Fixed: UMP shares report would not correctly display permissions when account only had "Change"
- Fixed: Move all except feature for local group memberships did not work as expected when using a database query for the exceptions list
- Fixed: Job retry status not resetting at next scheduled job run

## 7.07            070710            July 12, 2007

- Added: New group add dialogue when click ADD from main dialogue
- Fixed: deferred processor failed to install on Windows 2000

## 7.06            070619            June 19, 2007

- Added: Push and Run now supports use of wild cards
- Added: Push and Run can now copy sub directories
- Added: Local Time column to Event Log entries report (previously all times were GMT)
- Added: "Match filter" for dynamic groups can now support multi-string values
- Updated: "Multi-User" add now fills in User Principal Name when adding users
- Updated: "Users" add now fills in User Principal Name when adding users
- Updated: More robust error reporting for certain operations like Push/Run
- Updated: \*A can now be used to enumerate built-in administrators group (helps for other languages)
- Fixed: UMP would attempt to use the account's display name instead of the account name when doing bulk enumeration for "User" operations
- Fixed: UMP would run a local group report when global group reports were selected
- Fixed: UMP did not reset deferred job status when job entered retry-status

## 7.03            070208            March 30, 2007

- Added: Random Password Generator included by default
- Added: NTFS reporting included by default
- Fixed: Registry path browsing in regedit would only look at local registry
- Fixed: "Files" report dialogue would not allow "search all hard drives"



- Fixed: multi-user add was not automatically creating user's home directories
- Fixed: physically identify machine option was not working
- Fixed: IP Scan was scanning one IP at a time instead of multiple IPs at a time
- Fixed: typo in Users dialogue
- Fixed: export systems list would export with additional characters making it impossible to use the list for importation to a new group

## 7.02            061002            October 2, 2006

- Fixed: licensing issues

## 7.01            060926            September 26, 2006

- Fixed: scheduled reports from previous versions of UMP will now run after an upgrade
- Fixed: creating a new group containing highlighted systems
- Fixed: certain WMI reports would not always return information
- Fixed: delete all global groups except not deleting groups
- Improved: reporting dialogue
- Improved: reporting engine
- Improved: scheduling engine
- Improved: handling of security log entries in event entries log report
- Improved: NTFS reporting - log compression to speed report information return
- Improved: WMI error handling
- Improved: WMI error handling
- Added: new report type: Trusts between domains
- Added: ability to specify multiple Event ID's in the event log entries report
- Added: browse by OU when selecting users to modify
- Added: throttling of concurrent DB operations for MSDE
- Added: nested group iteration for group memberships report

## 6.53            060330            March 31, 2006

## 6.52            060321            March 21, 2006

- Added – the ability to test database connection from reporting data store configuration dialog
- Added – Machine Accounts are now included in Global Group reports



- Fixed – problems filtering Event Log reports
- Internal code improvements and minor bug fixes

## 6.51            060123            January 26, 2006

- Added – add users to groups based on data from a text file
- Changed- Some menu items have been relocated to improve consistency
- Fixed - several Scheduler issues that prevented jobs from running in some cases
- Fixed – display of comments in Scheduled Jobs
- Fixed – issues that affected editing of schedule for Scheduled Jobs
- Fixed – problems affecting the exporting of systems from an IP Scan during manual system discovery
- Fixed - memory error in event log reporting
- Fixed - problem with running new scheduled jobs
- Fixed - issues with registry report
- Fixed – issue that prevented the updating of a job assigned to a dynamic group
- Fixed – failure to update system status in the display after a successful connection
- Fixed - issue where certain scheduled reports would not write data to the SQL database
- Fixed - NTFS reporting expanded to handle additional character types

## 6.501            051110            November 10, 2005

- Added - New grid view for reporting makes report rendering faster and more scalable
- Changed – improved report processing allows for rendering much larger datasets
- Added - NTFS file permission reporting add-on component
- Added – ability to create Exchange mailboxes
- Added – ability to add users to arbitrary domain/local groups
- Added – ability to set mapped home drives in multi-user add and update operations
- Added – ability to move users to an OU through user set dialog and through multi-user add and update operations

## 6.5                051103            November 5, 2005

## 6.021            050722            July 22, 2005

## 6.02              050712            July 19, 2005



- Added: Complete WMI reporting
- Added: Active Directory fields to user reporting
- Added: Ability to manipulate Active Directory fields from Users dialogue and multi-user dialogue
- Added: Event log filtering
- Added: Ability to edit shared folder permissions directly from the report
- Changed: Improved interface in main reporting dialogue
- Changed: Deferred processing menu is now a submenu of Settings
- Changed: Added reporting menu to title bar
- Fixed: Problem while importing regedit file containing a double backslash
- Fixed: Problem with full name display in group membership reporting
- Fixed: Jobs settings for dynamic groups and selection of target group when job runs

## 6.01            050404            April 4, 2005

- Added: File share permission editing, accessible directly from the shares report via right-click
- Fixed: Improved database management and error reporting

## 6.0                050329                March 31, 2005

- Added - Scheduled Reporting (and supporting options)
- Added - Ability to store report data in a database, and to view stored report data
- Added - Email notification when scheduled reports run
- Added - Report on installed applications
- Added - Push and Run feature now allows files to be pushed only (without being run)
- Added - Ability to schedule Refresh and Wake on LAN operations
- Added - Context menu options in the Users report now allow easy enablement and disablement of users
- Fixed problems with file name parsing, RAS settings reporting, multi-user operation preview display, multi-user update/delete, and Event Log reporting for XPSP2 and 2003

## 5.09              041220              December 27, 2004

- Fixed: Retrieval of MAC address cross-subnet
- Changed: The multi-user set dialogs (for add, update and delete) now use a new dialog that allows for more flexible configurations



- Fixed: Improved stability when running remote registry operations
- Fixed: Problems browsing for systems in Windows Server 2003 domains when the user was not a Domain Admin
- Fixed: Display of dates in reports that utilize the database (such as File Reporting)
- Fixed: Logging path default
- Fixed: Behavior of SMTP settings dialog
- Fixed: Behavior of the user rights display option in the reporting dialog
- Fixed: Behavior of right-click operations on reporting results
- Fixed: Changed the format of ICMP packets to resolve conflicts with virus detection products
- Changed: Multi-user add no longer does modifications when adding normal users (performance optimization)
- Changed: By default, dynamic groups will not refresh systems added dynamically except for IP ranges (performance optimization)
- Changed: The IP Scanner dialog now displays a flag next to IP addresses that were skipped in previous scan
- Changed: User Manager Pro now allows duplicate systems to be added to groups (The former behavior was to automatically delete duplicates; management of duplicate systems is now left to the administrator)
- Added: File Reporting now supports searches for files with multiple file extensions (semicolon separated)
- Added: Dynamic Group updates are now logged, and a menu option displays the update log for each dynamic group
- Added: The Reporting Results dialog now allows results to be searched via the Find command (CTL-F)
- Added: Explicit include/exclude lists for dynamic groups can now be imported and exported
- Added: A new Active Directory browser enables the selection of an AD path for OU based dynamic groups
- Added: Report output dialog now enables operations directly via contextual menus

## **5.08            040909            September 10, 2004**

- Added: registry key browser in the registry editor
- Added: Reporting - Crater files referenced in the value of a registry key/value
- Added: Reporting - Delete users
- Added: Reporting - Rename users
- Added: Reporting - Change the user type
- Added: Reporting - Edit group memberships (add/remove/move)
- Improved: more options for reporting on HKEY\_USERS subkeys



# LIEBERMANSOFTWARE

- Improved: Better support for machine names longer than 13 characters
- Internal code improvements and minor bug fixes

## 5.05            040810            August 12, 2004

- Updated: When connecting to Terminal Services, system name now uses the specified resolve-by option
- Updated: Fixed bugs in deferred stop/uninstall for VNC
- Updated: Global group membership reporting now includes a line for a group with no members
- Added: Domain is now displayed in the main systems list
- Added: Reporting on VNC configuration and installed version
- Added: Reporting on WMI data to ease inventory management

## 5.02            040604            June 4, 2004

## 5.01            040603            June 3, 2004

## 5.0             040526            May 26, 2004

- Minor bug fixes to dynamic groups, importing from the local group memberships dialog, physically identifying machines, and installed hotfix reporting
- Added: Integration with VNC and Terminal Server for complete remote control of workstations and services
- Improved: Share reporting now includes an “Actual Directory Present” option
- Improved: File reporting now includes a “File Exists” option
- Improved: Event log reporting now includes the event log message
- Improved: Edit job now includes a confirmation for ‘Reset Job,’ giving administrators the ability to edit a job without restarting it
- Improved: Dynamic groups are now more flexible
- Improved: Shared printer reporting now includes Share permissions
- Improved: User reporting now includes “User Must Change Password on Next Logon” state
- Improved: Deleting a share directly from report results is now logged

## 4.87    040506            May 6, 2004



- Added: Comprehensive Share Reporting with permissions.
- Added: Right-click context menu on Share Report to allow removal of undesired shares
- Added: Extensive Account Status bits to User Account report. You can now show expired and accounts that require new password on next logon.
- Added: File Reporting to show existence and versions of files on all systems throughout enterprise. Wild cards, recursive directories, detailed resource/version data and controlled length result sets are supported.
- Added: Right-click context menu on File Reporting allows selected removal of undesired files as well as cratering (ACL modification) of files.
- Added: Event Log Reporting.
- Added: Event Log settings management (log size etc.)
- Added: Ability to add systems to an existing scheduled jobs.
- Added: Home directory creation to data driven multi-user management.
- Improved: Push/Run now optimized to run Microsoft Security Updates such as that for the Sasser worm.
- Improved: Logging improved.
- Improved: Minor bugs corrected and internal improvements made to the code.
- Improved: Documentation improved on multi-user management.
- Improved: Added more tool tips to dialogs.

**4.86      040427      April 27, 2004**

**4.85      040422      April 22, 2004**

- Added net share reporting.

**4.84      040419      April 19, 2004**

**4.83      040415      April 15, 2004**

**4.82      040414      April 15, 2004**

**4.81      040412      April 12, 2004**

- Added event log reporting.



- Added edit event log settings.

**4.80**      **040213a**      **February 13, 2004**

**4.79**      **040213**      **February 13, 2004**

**4.78**      **040212**      **February 12, 2004**

**4.77**      **040209**      **February 9, 2004**

- Fixed issue that in very rare instances caused the program to immediately exit on its own after starting.

**4.76**      **040129**      **January 29, 2004**

- Added pull of revision history from online site if available, with default to local copy if online version is unavailable.

**4.75**      **031219**      **December 19, 2003**

- In version 4.74, after installation and attempted running on NT 4.0 machines would cause the error: "GetFileSizeEx could not be located in dynamic link lib kernal32.dll". Resolved in version 4.75.

**4.74**      **031217a**      **December 17, 2003**

**4.72**      **031216**      **December 16, 2003**

**4.701**      **031210**      **December 15, 2003**

- Added push run app remote feature.
- Removed check which removed BDC's from system list before user operations; DC's on 2K+ sometimes report as BDC's, which were removed.
- Added menu with options for reporting results.



- Added registry size check to end of adding new systems to group.

## 4.69            031003            October 7, 2003

- Updated help files

## 4.68            030918            September 26, 2003

## 4.66            030829            August 29, 2003

- Added reporting for IE updates
- Added reporting on trust accounts
- Added file lockout operation

## 4.65            030819            August 19, 2003

- Added reboot after applying changes option to registry changes
- Added reporting on windows updates

## 4.63            030814            August 14, 2003

- Added ability to report on windows updates
- Changed default demo license terms to 10 systems, 30 days

## 4.62            030724            July 24, 2003

- Added more friendly UI behavior in change IP range dialog to prevent inadvertent mistakes

## 4.61            030722            July 22, 2003

- Changed set user dialog to allow editing of all fields with add and "update if exists" checked
- Added set of primary group RID during user account type change to allow change to domain account types



- Added profile path display in all columns view for local user reporting
- Added ability to "remember" system selections after an operation, and reselect them
- Added more feedback for AD query in AD path for dynamic group
- Added new W2KSP4 and XP rights to rights set
- Added warning for changing password for more than 5 accounts at a time
- Changed maximum length for fixed password entry on user edit dialog to 128
- Added program feedback on internal errors
- Moved shared memory code into common library

**4.60            030624            June 24, 2003**

- Added option to disable splash screen for commercial version

**4.59            030623            June 23, 2003**

**4.58            030620            June 20, 2003**

- Changed logging directory to use major version number only

**4.57            030619            June 19, 2003**

**4.55            030529            May 29, 2003**

- Changed components display to show in list box (instead of disabled check boxes)
- Moved some menu items around

**4.54            030529a            May 29, 2003**

- Added rights reporting

**4.53            030528            May 28, 2003**

**4.52            030515            May 15, 2003**



- Added IP range as option for dynamic groups
- Revised IP range display/edit dialog
- Added password store for explicit passwords (with RPG add-on module)
- Added rekey count reset on new commercial license key

## **4.51      030402      April 2, 2003**

- Added dynamic groups
- Added revised, updated help documentation
- Changed list context menus to only activate from over lists; added context-sensitive enable/disable for some menu items

## **4.50      030311      March 11, 2003**

- Added program icon to all dialogs
- Reorganized menus in main dialogs
- Added shell browser for system add
- Added check and warning for nearing registry size limit
- Added platform check to manual system add dialog
- Added last access time to license keys dialog (sortable)
- Optimized list display for faster display of large data sets
- Enabled more granular stop in recursive registry key reporting

## **4.49      030221a      February 21, 2003**

- Added program icon to a few more dialogs

## **4.48      03221      February 21, 2003**

- Added program icon to a few more dialogs

## **4.47      030218      February 18, 2003**

- Changed date/time display in all dialogs to be default display for locale. In addition to standardizing date display, this should make sorting data by the date/time column in [Excel] exported reports much easier.
- Added option to turn on/off resolve by option



- Added general options menu selection to main dialog menu
- Changed "multiple-start" prevention to prevent multiple instances across terminal server sessions

## 4.46            030213            February 13, 2003

- Added import/export of program database (or RPG data, if enabled) to .reg files, including scheduled backup
- Added options to turn on/off IP address lookup, MAC address lookup, and Subnet/DHCP lookup

## 4.45            030205            February 4, 2003

- Added deferred auto-loading for Windows 2000 functions

## 4.44            030204            February 4, 2003

- Added ability to do SID to Username lookup (for HKEY\_USERS reporting) on NT4

## 4.43            030131            January 31, 2003

## 4.42            030129            January 29, 2003

## 4.41            030128            January 28, 2003

- Added replaceable argument %USERNAME% for path fields in user creation (to support multi-user add/update)

## 4.40            030117            January 17, 2003

## 4.39            030116            January 16, 2003

- Better error message on opening dialog for adding from domains while not in a domain



**4.38            030114            January 14, 2003**

- Added ability to make changes to multiple users at the same time
- Changed fields display for local security policy reporting to be more descriptive

**4.37            030109            January 9, 2003**

**4.36            030103            January 3, 2003**

- Changed system color in browse dialogs to green
- Added ability to use alternate-admin accounts while browsing network to add system
- Added reporting on local security policies

**4.35            030102            January 2, 2003**

- Added UI feedback in registry changes dialog for key/value options
- Lockdown feature improved

**4.34            021227            December 27, 2002**

**4.32            021219            December 19, 2002**

**4.31            021218            December 18, 2002**

- Added ability to import systems from Active Directory export files

**4.30            021213            December 13, 2002**

- Added another duplicate type to duplicates check
- Added more logging in terminal server detection routine

**4.29            021127            November 27, 2002**



- Added warning dialog for invalid user/group names

## 4.28            021126            November 26, 2002

## 4.27            021125            November 25, 2002

- Added option to disable IP address lookup
- Changed MAC address lookup to try all available methods
- Added consistent logging for successful operations

## 4.26            021115            November 15, 2002

- Improved change user dialog to allow update checkboxes when adding user and having selected "update if exists" option
- Updated random password generator dialog to give uniform frequency generation for LM compatible passwords
- Added ability to push registry changes to all users on system (via HKEY\_CURRENT\_USER)
- Release push feature for registry files, now documented and optional for safety
- Added this ability for individual registry changes
- Added reporting for logged on users
- Added reporting filter for system and machine accounts

## 4.25            021108            November 8, 2002

- Added IP DHCP/subnet lookup for .NET Server

## 4.24            021107            November 7, 2002

- Added option for cascading group membership in local group reporting
- Added option for including machine accounts in local group reporting
- Added caching of domain members for cascading
- Added product splash to installer
- Added support for REGEDIT5 file format



## 4.23            021029            October 29, 2002

- Added fade-in for main windows
- Added title to random password dialog
- Added demo time reset for new versions

## 4.22            021024            October 24, 2002

- Added Tip of the Day
- Added touched-up 16 color icon

## 4.21            021022            October 22, 2002

- Added snazzy new about box

## 4.20            021016            October 16, 2002

- New look (splash, icons, bitmaps)
- Revised random password generator config dialog
- Added button for online revision history

## 4.19            021014            October 14, 2002

- Added revision history as menu option
- Changed user edit dialog to better show valid options for operations

## 4.18            021011            October 11, 2002

- Changed bitmaps in dialogs (they are not final yet)

## 4.17            021009            October 9, 2002

## 4.16            021007            October 7, 2002



## 4.14            020930            September 30, 2002

## 4.12            020920            September 20, 2002

- Better handling of system names on import
- Quickstart Guide

## 4.11            020913            September 13, 2002

## 4.10            020912            September 12, 2002

- Group membership report shows direct members of groups
- Added optional logging to Event Log for operations

## 4.08            020812            August 12, 2002

- Minor enhancements to logging

## 4.07            020808            August 8, 2002

- Added get info for global groups
- Added global group membership reporting

## 4.00            020521            May 21, 2002

- Added new Report Generator
- Report Generator feature: HTML output
- Report Generator feature: Email capabilities
- Report Generator feature: Post-generation program execution
- Added Get Info feature
- Added some feedback and demo usage info capabilities

## 3.04            020518            May 18, 2002

- Added subnet and DHCP retrieval/display



- Added display of Resolve By type, ability to change per machine
- Changed to use new XP common controls automatically (if applicable)

### 3.03      020517      May 17, 2002

- Added NetBIOS name to main display
- Added ability to resolve/use DNS system names
- Added manual and automatic duplicate system detection/elimination
- Rights management changes
- Removed obsolete (and non-operational) right SeUnsolicitedInputPrivilege
- Added allow/deny logon through terminal services rights
- Added special handling for deny "rights"
- Changed handling of "already added" error on add and "not present" error on delete
- "Already Added" errors are automatically ignored, verbose log message generated
- Added transparent background for bitmaps
- Added report generator to main page and job results
- Added automatic Wake on LAN during scheduled operations feature [internal build 020502]
- Added IP/MAC address to main display [internal build 020501]
- Added Wake on LAN capability [internal build 020501]
- Added system/username output to log for operations [internal build 020501]
- Added import of remote settings from license server [internal build 020501]
- Added import/export of settings to remote license machine [internal build 020501]
- Added specific column sort types for IP, date, number [internal build 020501]

### 3.0      020417      April 17, 2002

- Added deferred processing capability
- Adds ability to automatically retry failed tasks on all machines which failed until success is achieved
- Adds ability to schedule operations for a later date/time, or to be recurring
- Changed shared license: now only licensing is shared, system group information is always local. This change was necessary to incorporate deferred processing. To move group data between machines, use the import/export capabilities.
- Changed logging parameters to be application-level (instead of user-level) to support deferred processing.
- Speed improvements reported in some cases



- Added more intelligent resizing for main systems window, to expand the systems display list instead of the log window. If you have window redraw during resize turned on (OS display option), you will notice flicker during resize.
- Rewrote help file
- Improved Send Message dialog/functionality

## 2.40            011225            December 25, 2001

- Major improvement in startup and general program speed.
- Added Role and Version information to Manage Systems dialog
- Added "Get Role/Version" option on System and context menu
- Improved confirmation dialogs in licensing code
- Added check for valid characters in machine names. Machines with invalid names will be rejected. Existing bad names will be dropped from list.
- Improved scalability of licensing to handle over 1000 systems. Requires shared versions of User Manager Pro to use the 2.40 or later version.

## 2.34            011116            November 16, 2001

- Added option to set 'Force Logoff In XX seconds' to Policy dialog

## 2.33            011110            November 10, 2001

- Added Registry Permission Editing

## 2.32            011022            October 22, 2001

- Corrected Rights list entries for W2K rights
- Corrected spelling error in IP Scanner dialog screen
- Added documentation on Report Generator to IP Scanner section
- Added tip on how to do blank password scans using IP Scanner.

## 2.30            011015            October 15, 2001

- Added IP Scanner feature to find machines in subnets to which you have administrator access.
- Added Exclusion List to flag machines that normally should not be changed.



- Display platform, role, and version information when "Platform?" button pressed.
- Added %SYSTEM% wildcard option to impersonation feature. You can add this to account name to build customized local account name for each system.

## 2.20a            010827            August 27, 2001

- Changed installer to no longer require 800 x 600 monitor resolution

## 2.20            010809            August 9, 2001

- Modified product to comply with Microsoft Windows 2000 Certification requirements
- Default directory for all file operations is now user's My Documents folder unless overridden
- Product now available in both EXE and MSI formats

## 2.19a            010623            June 23, 2001

- Added forced truncation of user password length to 14 characters
- Added hourglass cursor when retrieving lists of users/groups and searching for the domain controller
- Added save of domain name/machine name when refreshing lists of users and groups (browsing)

## 2.19            010530            May 30, 2001

- Added on-line help to all dialogs/windows

## 2.18            010506            May 6, 2001

- Added Windows 2000 Active Directory Support

## 2.17            010426            April 26, 2001

- Added support for REGEDIT4 file input for mass registry editing



## 2.16            010318            March 18, 2001

- Added On-Line help via F1 key
- Introduced Lite version of User Manager Pro (operations limited to User changes only)

## 2.15            010108            January 8, 2001

- Added multithreading to domain members and network browser dialogs. You can now check platform types and on-line status up to 100 times faster or more.
- Rewrote impersonation/connect as... feature. Unlimited number of account/password pairs. No special rights needed any longer for impersonation. You can now check if access is possible and which set of credentials provide access. Credentials and on-line status can now be exported/printed via report generator. Fully multithreaded for best performance.
- Added ability to check which machines/users are connected to a specific machine/server and highlight them for messaging/reboot.
- User and Group dialogs revised to grey-out inappropriate fields based on selected action.

## 2.13            001116            November 16, 2000

- Scan any machine for share connections and extract list of machines using that machine. List of machines can be automatically added to current group and highlighted for any operation (usually messaging and reboot).
- Added ability to import and export groups/machine via comma-delimited files.
- Added add/delete groups/machines via Insert/Delete keys

## 2.12            001108            November 8, 2000

- Added ability to create internal lists of groups and machines within those groups using any ODBC compatible database.
- Added right-click context menus for common operations
- Revised User, Local and Global group dialogs to provide control enables based on action selected (add, update or delete). Improve usability.
- Corrected import systems list code so that systems name case no longer causes problems.



## 2.10            001005            October 5, 2000

- Allow remote sharing of a single license key and program database from any number of remote systems. Remote/local mode and systems are now displayed on main dialogs and in About... screen.
- Improved registry key delete code to automatically handle the deletion of subkeys. Previous versions would report error code #5 (administrative privilege required) when key to delete had subkeys.
- Internal license code was revised to improve its speed when handling large groups of systems.

## 2.0                000908                September 8, 2000

- Added ability to manage registry keys and values across all systems
- Added support for new Windows 2000 rights
- Added built-in well-known groups to Rights dialog (includes all Windows 2000 groups when pulling the list from a Windows 2000 system)
- Compatibility testing completed for Windows 2000 operation
- Reorganized menus for clearer operation
- Reorganized dialogs for easier operation
- Increased memory allocations for Browse option to handle larger groups of domains/systems
- Enhanced About... screen added
- New licensing dialog added
- New transparent automatic system licensing feature added
- Activation now available by machine name or activation code via copy/paste commands
- Changed from serial number + unlock key to single serial number requirement

## 1.43            000414            April 14, 2000

- Added ability to change Administrator or Guest account even if user has renamed it. Original User name can now be specified as \*A for administrator and \*G for the built-in Guest account.

## 1.42            000405            April 5, 2000

- Added well-known groups (Everyone, Interactive, etc) to Rights dialog



## 1.40            000303            March 3, 2000

- Added ability to delete all groups (local & global) and users that are not on lists prepared by administrator

## 1.30            990501            May 1, 1999

- Added ability to delete all users, global and local groups except for those on lists created by user of this program (used to clean up security holes in remote systems)

## 1.20            990420            April 20, 1999

- Added Audit, Global Groups, and Global Group membership management capability
- Added security interface to disable management capabilities (disables selected buttons and menu items)
- Added security interface to lock down log file locations and logging options
- Added logging of counts of users, groups (local & global), and memberships (local & global) as part of extended logging
- Log option added to menu of managed groups
- Added browse control to user and group fields on all dialogs for easy look up of names

## 1.10            990202            February 2, 1999

- First commercially released version
- Added server list import/export using ASCII text files. Allows group lists to be easily cloned
- Resized interfaces to work more easily on 800 x 600 screens