

Release Notes

Product:	Archive Manager Files Edition
Setup version:	5.1.35
Release date:	2012.03.29

IMPORTANT:

- If you update to 4.2.25 or higher, then please make sure that you have .NET 2.0 SP2 installed.
- If more Archive Manager products are present on the same server or use the same components in a distributed architecture, all have to be updated to version 5.1.
- After the installation please ensure that the FilePAMWebService handler mapping is configured the following way:
 - Apply to '*.*'
 - Apply to files and folders
 - On IIS 7 the application pool is set to "Classic" Managed Pipeline Mode
- After upgrading from version 4.3 or less, the shortcut type defined on archive job filter must be manually set on job level.

New features

- Handling of NFS requests by FPolicy Server.
- Possible to define backup user name for which the FPolicy server will not retrieve the shortcuts on NetApp Filer.
- Possible to overwrite the DB command timeout used in the core service.

Bug fixes

- Memory leak detected and removed in NetApp FPolicy server.
- Temporary files were not deleted after Exalead indexing engine indexed the archived file content.

Product:	Archive Manager Files Edition
Setup version:	5.1.32
Release date:	2012.01.31

IMPORTANT:

- **The product was renamed to Archive Manager Files Edition.** After upgrading all naming and product logos will be changed. The product installation paths remain unchanged.
- If you update to 4.2.25 or higher, then please make sure that you have .NET 2.0 SP2 installed.
- If more Archive Manager products are present on the same server or use the same components in a distributed architecture, all have to be updated to version 5.1.
- After the installation please ensure that the FilePAMWebService handler mapping is configured the following way:
 - Apply to '*.*'
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 - On IIS 7 the application pool is set to "Classic" Managed Pipeline Mode
- After upgrading from version 4.3 or less, the shortcut type defined on archive job filter must be manually set on job level.

New features

- Document lifetime (retention category) based on files creation time.

- Selectable shortcut type for archive and direct archive jobs.
- Context menu support for x64 OS.
- Exalead CloudView 5.0 support.

Archive Web changes

- New: Role and permission management.
- New: Consolidated functionality for Archive Manager products.
- Changes:
 - “Export to excel” added to the asynchronous tasks page.
 - Start/stop Images changed for asynchronous task, tooltips added.
 - Possible to add comments to archived files.
 - Statistics page – show only allowed servers.
- Fixed:
 - Empty search history label added for search history page if there was no search history.
 - Export to ZIP statistics date range fixed.
 - Appearance of the scrollbars in IE 8 fixed.
 - Icon height for file type icons corrected to 17 pixels.
 - File preview fixed for IE 8.
 - Maximum length of column was not applied for “Folder” column.
- Fixed: Mobile device support:
 - Text field information added for search date fields.
 - Missing headers added.
 - Common search template field on Search -> Options tab.

Search improvements

- OEM version of Archive Manager Search – supporting OEM store type as a content source.
- SharePoint 2010 search support.

Bug fixes

- Remote server -> improved error handling for GetVersion function on NetApp.
- Remote server -> HTML shortcut was always handled with “none” default action.
- Remote server -> Create retention category with same name on archive servers using the same DB was not possible.
- Context menu is allowed only for registered NetApp Filers, Celerra File Movers, GFS servers and local NTFS paths.
- Improved copy settings functionality.
- Legal hold attribute on the document was ignored in some cases.

Product:	Metalogix Archive Manager - Files Edition
Setup version:	5.0.28
Release date:	2011.07.16

IMPORTANT: The product was renamed to Metalogix Archive Manager - Files Edition.

After upgrading all naming and product logos will be changed. The product installation paths remain unchanged.

IMPORTANT:

- If you update to 4.2.25 or higher, then please make sure that you have .NET 2.0 SP2 installed.
- If more Archive Manager products are present on the same server or use the same components in a distributed architecture, all have to be updated to version 5.0.
- After the installation please ensure that the FilePAMWebService handler mapping is configured the following way:

- Apply to '*.*'
- Apply to files and folders
- On IIS 7 the application pool is set to "Classic" Managed Pipeline Mode

Licensing changes:

- There is a new licensing model in version 5.0. The already issued license keys are automatically upgraded during the installation. If the server does not have an internet connection, the license has to be activated offline.
- Maintenance date: the product can't be upgraded to a version which was released after the maintenance expiration date.
- The license is always checked before and installation or upgrade is performed. This is to prevent the update to a not compatible version.
- With the new licensing model, the installation is not possible without the license key. Please make sure that you obtain your license key prior the installation.
- Offline licensing revalidation was added. If the license was activated offline, the license needs to be revalidated after 180 days.

New features:

- Retention categories defining the document lifecycle in the archive. Main features:
 - HSM schema
 - Document lifecycle beginning indication (Archiving date, creation date)
 - Retention time
 - Keep alive time
 - Automatic document deletion
 - Version limitation
 - Shortcut creation
 - Shortcut lifetime
- ArchiveWeb mobile device support
- Simplified navigation
- Pages fitting mobile device screen
- Mobile device browser recognition
- ArchiveWeb hit highlighting
- ArchiveWeb → Showing the file version in a tool-tip.
- ArchiveWeb → Writing search parameters to the auditing log.
- Auditing speed-up
- Synchronization job speed-up.
- Post Processing document query speed-up.
- Post processing improvement: The plugins are checking the prerequisites for successful item processing before starting working on a batch. Example: in the past, in cases the Archive Manager Search service was not running, at indexing all items were marked as failed after processing. Now the post processing plugin waits till the Archive Manager Search service becomes available.
- Added UseSparseNtfsShortcuts configuration option - if the compressed flag is not supported by the file system, sparse file is used for file size faking.
- The NTFS shortcut recovery tag was extended by document flags.
- Added archive access feature through remote service – for 3rd party search engines.
- Support of nested mount-points
- More detailed error logs in job reports.
- Hyperlinks pointing to the exported files in the Excel sheet created on the Search & Export page of the Manager console.
- Database timeout increased globally to 3 hours.
- Archive Manager Installation: Added link for the legacy Fulltext setup onto the Setups page.

- Reviewed and fixed behavior in cases when Integrated Windows Authentication was used.
- Reviewed setting default values and enabling of controls at update.
- The package automatically creates the search scopes for the local installation when necessary.

Bug fixes:

- Fixed tree refresh problems on archive-restore/scheduler tab.
- Fixed get multiple document versions error.
- ArchiveWeb -> Property search on more archive servers was not working correctly.
- ArchiveWeb -> Search again using saved template did not work.
- ArchiveWeb -> Statistics based on hours, days and months could not be generated.
- ArchiveWeb -> Statistics – export did not work
- ArchiveWeb -> Property search having special characters in the query was not working, for example: %, [, }, {,], (,), "
- ArchiveWeb -> If there is folder in the list, then Unselect all does not work.
- ArchiveWeb -> Extended file properties (path) from version list
- ArchiveWeb -> Missing lock icon from search result
- ArchiveWeb -> Design fixes for Firefox and Safari (corrected layout).
- ArchiveWeb -> Fixed javascript errors in French localization
- ArchiveWeb -> Sorting by version was not worked
- ArchiveWeb -> Design fixes in search history (added new icons)
- ArchiveWeb -> Date filter - "first day of week" fix for US localization
- ArchiveWeb -> The "Tagged items" tab was not refreshed, if the count of tagged item was changed
- ArchiveWeb -> Common search result was not alphabetized
- ArchiveWeb -> Changed error message body, if the auditing or Archive Manager Search services are not running
- ArchiveWeb -> Total items count for filtered common search result was not calculated correctly
- Fixed DB connection checking in Archive Manager Installation
- MS SQL DB – better database operation handling, catching errors in case of database failures caused by full transaction logs.
- Fixed design bug in Archive Manager Installation, the bottom of the Prerequisites page could not be seen if the panel was larger than the form limits.
- Trying to edit a running store in Archive Manager Config by double-clicking it threw an error. Fixed.
- Manager -> Search & export tab -> Search having special characters the query was not working, for example: %, [, }, {,], (,), "
- Manager -> Archive View tab -> time out in case of larger databases.
- Manager -> Configuration problems of multiple Post Processing servers fixed
- Manager -> Fixed permission-related UI bugs
- Manager -> After sorting on search results the "Get version to" function was not work properly.
- Archive Manager Search -> Loading of saved search results is too slow
- Archive Manager Config.HSM -> Fixed behavior in case of Integrated Windows Authentication.
- HSM iTernity store -> Fix for 64-bit systems using compression.
- Manager -> Archive\Restore tab -> NetApp -> open context menu on CIFS shares does not work.
- Manager -> Fixed bug in the database command for reading the deleted items
- The FilePAMWebService had some legacy code reading directly the Archive Manager - Files Edition database. These methods were used in the HTML shortcut handling part of FilePAMWS.aspx, called from GetFile.aspx. All such code into the core services as it was problematic to ensure the application pool user to have DB access.

Product:	PAM4Files
Setup version:	4.3
Release date:	2010.09.07

WARNING: If more PAM products are present on the same server or use the same components in a distributed architecture, all have to be updated to version 4.3.

IMPORTANT: NET 2.0 SP2 required

If you update to 4.2.25 or higher, then please make sure that you have .NET 2.0 SP2 installed.

New features:

- Default retention time set to 3 months.
- Celerra support - supporting old Celerra versions, 5.x. The authentication for these versions was different as in the newer ones.
- Possibility of using Windows integrated authentication when setting up database connections.
- SharePoint archiving, EBS technology – External Blob Storage technology used for content externalization. PAM HSM is used as the storage back-end, with all its advantages: Single Instance, Compression, Encrypting and Asynchronous Tasks.
- PAMSearch design change – one search service for all search related tasks.

Bug fixes:

- PAMSearch indexing sometimes stopped because of malfunctioning iFilters. The iFilter usage was isolated in a separate process, allowing PAMSearch to control its behavior.
- If more than 20.000 hits were found using PAMSearch, the server threw an OutOfMemory exception. It is now possible to limit the number of hits using the “hitlimit” configuration key in PAMSearch configuration file. The default value is 20.000 even if the key does not exist.
- Oracle post processing fix. The document enumerating script was not correct, it was skipping documents.
- Folder conversion speed up for Oracle.
- Search & Export – It did not work for the SharePoint Archive.
- .NET 2.0 SP2 checking in the install wizard and the setup.
- Celerra support – fix for “Digest Authentication” mode

Product:	PAM4Files
Setup version:	4.2
Release date:	2010.04.29

WARNING: If the update is done from version 3.0714 or lower, please read carefully the release notes for the previous versions as well.

WARNING: If more PAM products are present on the same server or use the same components in a distributed architecture, all have to be updated to version 4.2.

New features:

- Manager console auditing. If Auditing is configured for the product, all actions made in the PAM4Files Manager console (except of the SharePoint tab) create a log entry in the auditing database. The audit logs can be viewed in the ArchiveWeb. The Auditing tab is visible just for permitted users.
- Post Processing redesign, removed dead-locks and skipping of documents.
- Improved Post Processing stability.
- PAMSearch memory optimization, separate process used for text extraction.
- ArchiveWeb log in using UPN. It is now possible to log on into the ArchiveWeb using user principal name (format: user@domain). No configuration changes needed, this feature is available by default. The old way (format: domain\user) used for logging is still available as well.
- ArchiveWeb setting for order of tabs. Users can now change the basic look and feel of the ArchiveWeb by setting the order of main tabs in the left menu. This order is saved per user.
- ArchiveWeb additional language support. Italian language was added to the list of available localizations.

Bug fixes:

- SharePoint 2007 support bug fix. It was not possible to auto-retrieve documents having a space in their names.
- Manager console bug fix. The manager console was not able to show folders or files having East-Asian characters in their names.
- Bug fix: Installation package. The package allowed entering a username containing illegal characters (. ' ` ! @ % ^ & * () - + = [] { } | , ; : " < > / ?)
- ArchiveWeb. Fix for opening HTML shortcuts in the ArchiveWeb on Oracle.
- DirectArchive job. Fixed occasional freezing of the job.

Product:	PAM4Files
Setup version:	4.1
Release date:	2009.11.09

WARNING: If the update is done from version 3.0714 or lower, please read carefully the release notes for the previous versions as well.

WARNING: If more PAM or MAE products are present on the same server or use the same components in a distributed architecture, all have to be updated to version 4.1.

New features:

- Archive Web new features - tagging:
 - Possibility to mark archived files with multiple tags
 - Two type of tags: used just in the file archive and common tags which can be used in both PAM4Exchange and PAM4Files archives
 - Browsing the archive based on tags
 - Searching based on tags
- SharePoint 2007 support improvements. SharePoint access rights system applied in the ArchiveWeb. The same permissions are applied on an archive document as in the SharePoint Portal, in both archive and search result views.
- Improved Synchronization job:
 - Improved reporting format containing more information about the action made by the job.
 - Better log handling.
 - Celerra support added.
 - Disabled the possibility to assign SharePoint folders to the job.
- New, improved Delete job, main features:
 - Ability to run on folder basis, e.g. process just specified folders.
 - Deleting shortcuts from the file system when the file is going to be deleted from the archive – optional, default ON.

This job can run in different modes:

 - Reporting - no action is taken just a report is generated. The report has to contain the list of files going to be deleted.
 - Process report mode - process a previously generated report file. Administrators are able to first check and approve the list of files going to be deleted.
 - Process immediately mode
- Kernel Driver change. It's no longer possible to stop the file-system filter driver. This was done in order to avoid possible issues including a BSOD during product upgrade or repair.
- Setup change. Added registry key IgnoreLogonError (DWORD) into the PMA4Files base registry. If this value is present or set to 1, the user log on dialog in the setup will ignore the authentication error.
- Setup change. All services set to Manual startup.

Bug fixes:

- SharePoint 2007 support bug fix. If a document in SharePoint had unique permissions applied (not inherited ones), they were not preserved in the archiving/retrieving process.
- SharePoint 2007 support bug fix. Memory usage optimizations and memory leak fixes in SharePoint component
- SharePoint 2007 support bug fix. SharePoint applications which have no default site in the IIS application root were not listed in manager. Example: <http://server:port/sites/sitename>
- SharePoint 2007 support bug fix. Custom document libraries which were based on custom list were not listed in the Manager console.
- Post Processing "Debug" checkbox was not working in the Manager console.
- Service restart bug fixed in PamConfig.HSM plug-in.

- PAMSearch – fix for indexing documents when PAM4Files compression is turned on.

Product:	PAM4files
Setup version:	4.0000
Release date:	2009.06.12

WARNING: If the update is done from version 3.0714 or lower, please read carefully the release notes for the previous versions as well.

New features:

- Archive View tab. This tab page gives the administrators the ability to view the archive created by the PAM4files. The Archive view provides version info with full functionality:
 - Mark for deletion
 - Remove deletion mark
 - Get version
 - Context menu is also implemented for folders in the tree view with the standard functionality as on the Archive-Restore tab:
 - Mark for deletion
 - Mark for deletion recursively
 - Remove deletion mark
 - Remove deletion mark recursively
 - Get version
 - Get version to folder
- Search & Export tab. This tab page provides a search capability in the archive. Exporting the search result into a report document is also possible. The tab provides a functionality of retrieving file versions into a local folder. Possible filtering options are:
 - Search in file names
 - Search in folder names
 - Match whole word
 - Search in older versions
 - Return maximum N results
 - Specify date interval
 - Specify size interval
 - Search based on who created the file – file owner
 - Search based on who archived the file – user account, job
 - Range search, like [A-Z] and [0-9] in the file path
 - Combined search

The data grid containing the search result can be modified as each column can be hidden/shown. The search query can contain wildcards (*, ?), and the search functionality is built similar to Windows Explorer's search. If the query string doesn't start and ends with *, then the * is added to the beginning and the end of the query. If the "Match whole word" is enabled, the * are included as the part of the file/folder name, and the result will be empty.

It is possible to save queries as templates. Templates are stored on the server side, so they can be managed from each PAM4files Manager console connected to the server. A template file contains all search options defined by user.

The search results can be exported as reports, created in various formats:

- XLS
- PDF
- XML
- RPT
- HTML

Columns added into the report file are selectable.

- Post processing of archived documents is available. There is a new tab in the Manager console, where administrators can connect to Post Processing servers and can manage the plug-ins. The Post Processing

service is part of the setup as a feature and can be deployed on separate, dedicated server as well. There is already a post processing plug-in available for full-text indexing of documents with Pam Search service.

- Archive Web for PAM4files, including the following:
 - Supports more PAM4files servers
 - Common user interface for PAM4files and PAM4Exchange
 - Multiple skins
 - Supported browsers: Internet Explorer 6, Internet Explorer 7, Firefox 3.0
 - Integrated windows based or Form based authentication:
 - Displaying archived folders
 - Displaying archived files from file system and archived items from SharePoint Portal
 - Sorting and paging of file lists
 - Opening archived files
 - Displaying MS Office files (only IE), PDF files and pictures inline in the browser
 - Downloading archived files
 - Checking file permissions
 - Only for file system
 - Not implemented yet for SharePoint Portal – everybody can see all archived documents
 - Full-text search implementations
 - MS Search – indexing via custom content sources
 - Pam Search service – indexing via post processing
 - Search in archive based on:
 - Full text search
 - Filename
 - Path
 - Owner
 - Archiving date
 - Quick search for every column in the lists
 - Common search in all available archives: exchange, file, share
 - Saving search results – creating search templates
 - Statistics by PAM4files server. Export possible to various formats
 - PDF
 - HTML
 - XLS
 - CSV
- SharePoint 2007 support improvements. New possibilities of choosing which versions to be archived (all, major or minor only) and shortcut creation. These settings are available as generic and also as filter settings.
- SharePoint 2007 support improvements. Tool in the Manager for installing the web service extension responsible for auto-retrieving archived SharePoint documents
- SharePoint 2007 support improvements. Tool in the Manager for installing the context menu add-in for SharePoint document libraries.
- SharePoint 2007 support improvements. Better error handling in the context menu add-in for SharePoint document libraries.
- SharePoint 2007 support improvements. New possibility to create a list of users not able to auto-retrieve files, instead they receive just the document content. This is a fix for the crawling auto-retrieve problems.
- SharePoint 2007 support improvements. New web service extension producing much less debug output in order to lower IIS load and improve performance
- SharePoint 2007 support improvements. New ISAPI extension for IIS 7.0.
- SharePoint settings moved from general settings tab to SharePoint tab
- Wildcard filtering. New possibilities of filtering files processed by the jobs using regular expressions in file name and/or file path. Two type of wildcard filter can be created, Exclude and Include.
- Improved job logs. Files/folders which were skipped because of filter settings are now appearing in the Skipped lists. This new feature is available just for jobs processing the file-system and not the SharePoint Server.
- New Synchronization job– This job works for NTFS and FSA shortcuts and has basically 3 main tasks:

- Update the database with correct file paths if a file shortcut was moved
- Mark for deletion the versions of files which were physically deleted from the file server– optional, default OFF
- Mark files for deletion if their retention time has expired – optional, default OFF

This job can run in different modes:

- Reporting
 - Process report mode
 - Process immediately mode
- NetApp support improvements. In previous versions it was possible to archive just from CIFS shares. From now on PAM4files administrators can list the so called admin shares, accessing NetApp content using the ONTAP_ADMIN\$ paths.
 - NetApp support improvements. Unified version views on the Archive tab. On NetApp files can be shared multiple times using different shares. The versions of these files were shown just if that shared folder was chosen in the PAM4files manager in which they were archived. From now on the version history is available in all shares.
 - NetApp support improvements. New context-menu option allowing the administrators to navigate to the corresponding admin shares from a CIFS share.
 - New HSM plug-in in the PAMConfig tool. The new plug-in contains all administration functionality of the PamHsmAsyncConf.exe, PamMediaStoreAdministration.exe tools and can directly launch HSMTester.exe.
 - Multiple archive servers supported in our MS Search integration. It is now possible to index multiple PAM4files and PAM4Exchange servers.

Bugfixes:

- SharePoint 2007 support bug fix. Fix for the metadata archiving (users, dates, etc.). All metadata, especially user and date type information is now preserved correctly in the archiving process.
- Important SharePoint 2007 support bug fix: in all previous versions in case the HSM server was not reachable, at auto-retrieve in SharePoint a 0 byte file was uploaded.
- Memory allocation fix in OEM store support.
- Celerra authentication data processing fix.
- Celerra shortcut creation fix for new GUID shortcuts.
- Backup processes tab fix. In case „All processes“ were selected and the unchecked, any operation could throw an error in the previous versions.
- Auto-retrieve (file-system filter): Improved system stability
- Auto-retrieve (file-system filter): Allowed to set compression on shortcuts (fix for robocopy tool)

Product:	PAM4files
Setup version:	3.9000
Release date:	2009.01.09

New features:

- New Metalogix branding. The product file@PAM was renamed to PAM4files. User interface, component information changed to new Metalogix identity.
- Default installation directories changed to the following:
 - file@PAM - <%Program Files%>\Metalogix\PAM4files
 - HSM shared components - <%Program Files%>\Common files\PAM\HSM
 - PamConfig tool - <%Program Files%>\Common files\PAM\PamConfig
 - License tools - <%Program Files%>\Common files\PAM\Tools\License
- PAM4files Manager > Restrictions > Backup processes. A new tab, where processes can be defined which will not be allowed to retrieve shortcuts. Instead they do a fully functional backup of files as well as shortcuts. These processes have to open the files with the FILE_OPEN_BACKUP_INTENT flag, otherwise they won't be handled as backup processes.
- PAM4files Manager > Copy settings wizard. The wizard for copying PAM4files settings from a file server to other ones extended to process Notification settings, Backup times and Backup processes.
- MS Search support. Displaying the original file icon in the search result list for results from the PAM4files archive.

Product:	file@PAM
Setup version:	3.8000
Release date:	2008.10.31

WARNING: If the update is done from version 3.0714 or lower, please read carefully the release notes for the previous versions as well.

New features:

- Default installation directories changed to the following:
 - file@PAM - <%Program Files%>\PamSoft\file@PAM
 - HSM shared components - <%Program Files%>\Common files\PAM\HSM
 - PamConfig tool - <%Program Files%>\Common files\PAM\PamConfig
 - License tools - <%Program Files%>\Common files\PAM\Tools\License
- IIS not a prerequisite. Possibility to install file@PAM on servers without IIS. In this case the creation of HTML shortcuts and EMC Celerra archiving is disabled. It is also not possible to use MS Search as the full-text engine.
- Usage of GUIDs as identifiers in shortcut types: FSA, HTML, NetApp. This ensures even better security of archived data.
- Restoring of deleted files in the file@PAM Manager speeded up multiple times.
- Shortcut conversion redesign. The process was fastened up; it is now preserving the ACL set on the old shortcut.
- NetApp support upgrade. Possibility to attach file@PAM to multiple NetApp filers and archive from them parallel.
- Better NetApp communication. More sophisticated handling of policy server starting and stopping, connection loss and error handling.
- Mount-point support for PSFS.
- OEM support upgrades:
 - String type external FileID support.
 - FTP support for file transfer.
- SharePoint support improvements:
 - WSS 3.0 support. Installation and archiving in Windows SharePoint Services environment is possible.
 - Preserving the custom column values in Document libraries of type Lookup and Choice connected to external data sources.

Bugfixes:

- Licensing on offline servers. License update was not working if the file server was not connected to the Internet.
- Custom installation directory in setup was not working.
- file@PAM Manager > Scheduler tab > Job statistics fix. Displaying of percentage of gained space was failing.
- file@PAM Manager > Settings > Archive descriptor and HSM schema listing fixed for 64-bit environments.
- file@PAM Manager > User and server picker dialogs fixed for 64-bit environments.
- file@PAM Manager > Scheduler tab > Filtering fix. Shortcut type filters were not correctly applied if a different shortcut type was chosen for the different folders processed by the job.
- file@PAM debugging tool (FilePamDbg.exe) fixed for 64-bit environments.
- file@PAM Manager > Settings > User selection fix. If a new user (a local one) was added on the User management tab, he/she was added in the format:
/domain/machine/user.
- file@PAM Manager > Scheduler tab > VersionCleaner job disabled for all users. This job will be re-designed, it will start with a shortcut synchronization.
- Removing the Offline flag at retrieve on PSFS if necessary. Retrieved files remained the offline in the previous version.
- SharePoint support fix > In some environments the SharePoint folder listing was not working.

Product:	file@PAM
Setup version:	3.0722
Release date:	2008.09.16

Bugfixes:

- ShortcutCoverter job – Service user added to the ACL of the file when restoring the shortcut for the latest version. This ensures the handler service to be able to convert all old shortcuts.

Product:	File@PAM
Setup version:	3.0721
Release date:	2008.08.28

New features:

- SharePoint Portal 2007 support improvements.
 - Preserving the custom column values in Document libraries of type Multi-choice and Picture (URL).
 - New possibility to interact with sites running under different port than the basic one, using port 80.
- file@PAM Manager – Statistics tab. Added export possibility into two new formats: PDF and MS Excel (.xls)

Bugfixes:

- SharePoint Portal 2007 support:
 - fixed Last modify user for old versions of documents
 - fixed preserving values in custom columns of type: Number, Currency, Integer, Counter
- file@PAM Manager – Statistics tab. Fixed statistics generation on Oracle.
- Fixed generating shortcuts on GFS, some files were randomly left out from archiving.

Product:	File@PAM
Setup version:	3.0720
Release date:	2008.08.04

Bugfixes:

- FilePamWebservice fixed on 64-bit environments.
- Deletion of temporary files created by the FilePamWebservice fixed.
- Fixed retrieve of shortcuts, if there is not enough space for the original content on the hard drive.

Product:	File@PAM
Setup version:	3.0719
Release date:	2008.07.17

New features:

- 64-bit support. file@PAM can be installed on 64-bit versions of Windows 2003 and 2008 servers. If problems are experienced with the handler startup (driver loading) on a 64bit OS, please enter the „Advanced Boot Options“ menu during the system startup (F8) and chose „Disable Driver Signature Enforcement“ option. It will allow drivers not containing a 64-bit signature to be loaded.
- Windows 2008 Server support, both 32-bit and 64-bit versions.
- Kernel driver improvements.
 - Improved handling of retrieve timeouts.
 - Preserving of file access times and Content Indexing attribute after autoretrieve.
 - Stability improvements.
- PSFS support. Possibility to archive files and replace them with shortcuts on PolyServe FileSystem. As compression is not supported on PSFS, the file size faking feature is not supported.
- MS Search support. Possibility to index file@PAM archived documents using MS Search.
- New licensing mechanism with license checking on the H&S license web service. A new license key should be entered for all customers. This can be done in the file@PAM Manager tool, on the Settings > General tab.
- ArchiveForecast job. A new type of job which is processing files the same way as the Archive job, but does not archive them. This can be very useful when estimating the space saved by file@PAM. This job is not available for SharePoint Portal directories.
- Extended job reports. Three new rows were added to the Summary reports of Archive and ArchiveForecast job:
 - Estimated size of created shortcuts
 - Estimated space saved
 - Estimated space saved in percentage
- Extended Statistics. The following options of statistics generation were added:
 - Archive statistics - user based
 - Archive statistics - folder based
 - Retrieve statistics – all time and period based
- SharePoint Portal 2007 support improvements.
 - Preserving the “Comments” and “Title” metadata when a document is replaced with a shortcut.
 - Preserving the value of user defined columns of type Text, Note, Choice, Number, Integer, Date and User.

Bugfixes:

- Fixed occasional freeze of jobs in StopPending state.
- Fixed opening and retrieving of HTML shortcuts created from big files. Files up to 2GB are supported from now.
- Fix for SPP 2007 support. Document libraries containing just numbers in the name were not visible in the file@PAM Manager.

Product:	File@PAM
Setup version:	3.0718
Release date:	2008.05.05

Bugfixes:

- Fixed shortcut creation on Celerra.

Product:	File@PAM
Setup version:	3.0717
Release date:	2008.04.22

New features:

- Adding full access rights for the user running the *PAMfsaHandlerSV* service when restoring an older version of an archived file. This is necessary because without the appropriate rights restoring is not possible.
- *Settings > Storage tab*: extended NetApp fPolicy registration settings.
 - In the property list of NetApp storage a new property called *Command Option* is available. It is possible to set the operations for which the NetApp fPolicy server will be registered. Possible values are: "open, offline, rename, close, delete, lookup, getattr, setattr, read, write, all70, all65, all64", and their combinations separated with commas. The default settings in the handler service are: "open, offline". If you experience problems with auto-retrieving files on property changes, please, try to set this properties value to: "read, write, offline". The registry key "NetAppCMDOptions" is removed from the registry by the setup. When modifying the value of this property it is necessary to restart the file@PAM services in order to apply the changes!
 - More sophisticated *Protocol* settings for fPolicy registration. It is possible to configure the fPolicy registration for *CIFS, NFS* or *both* protocols. When modifying the value of this property it is necessary to restart the file@PAM services in order to apply the changes!
- *Scheduler tab > ShortcutConverter job*. Just local hard drives are shown in the Folder picker tab for this type of job as just these drives can contain shortcuts which are meant to be converted.
- *Scheduler tab*. "Dirty" jobs cannot be started anymore; a message pops up informing the user that he/she should save or discard the changes before starting the job.

Bugfixes:

- Fixed paging in job reports.
- If a file had the read-only attribute set and it was archived and changed to an HTML shortcut, the read-only flag was removed. It was not set again after retrieving.

Product:	File@PAM
Setup version:	3.0716
Release date:	2008.03.20

New features:

- Better shortcut conversion. The setup warns in the beginning of the installation that shortcuts have to be converted, when upgrading from 3.0714 or lower. Archiving is disabled in the Handler service till the *ShortcutConverter* job is not started at least once.
- AFP support for Apple/Macintosh clients (for example ExtremeZ-IP software).
- Better synchronization in the kernel driver.

Bugfixes:

- Skipping encrypted files.
- Description field set read-only on the *Statistics* tab.
- Increased timeout for generating statistics to 1 hour.
- Increased timeout for script running in the PamConfig tool to 1 hour.

Product:	File@PAM
Setup version:	3.0715
Release date:	2008.03.07

New features:

- New kernel driver based on REPARSE POINTS. File@PAM is now using a completely new driver filtering not all the requests, processing just file@PAM shortcuts. This change makes the product to be 20-50% faster when retrieving, and makes the driver much more stable. Tasks to do when upgrading:
 - **WARNING!!! All old FSA shortcuts have to be converted to new ones** (HTML shortcuts not). Old shortcuts are not handled by the new driver as a shortcut. All *Archive* and *CreateVersion* jobs have to be stopped till the migration is not done! There is a special new job called *ShortcutConverter*, which processes just old shortcuts and converts them to new ones. No filters can be attached to this job type. If any old shortcuts for any reason were not converted, the job can be started again. It is possible to use the *Get version* functionality of the *Archive* tab to process remaining files as well (settings: Replace files, Recursively, Get shortcuts only).

Other issues:

- No more auto-retrieving when changing the properties or access rights of an archived file or a folder containing archived files.
- No DFS support from this version. The Microsoft Reparse point technology does not support DFS.
- New job type *ShortcutConverter*, specially developed for shortcut conversion. The job can have problems when losing HSM or DB connection. Let this job run till there are no processed files in the job report. Recommended run settings:
 - Run in at 4-8 threads
 - Set maximum run time to 23 hours.
 - Set the job to be started every day for at least one week.
- Support for Windows Storage Servers 2003.
- Support for both SharePoint Portal versions 2003 and 2007.
- Support for Macintosh clients when CIFS/SMB protocol is used (standard Windows shares). AFP protocol (for example ExtremeZ-IP software) is not supported yet.
- Reviewed *Scheduler* tab. It is not possible to change the properties of a running job. Job *type* change is forbidden as well.
- Multi-thread jobs. The *Archive*, *CreateVersion* and *ShortcutConverter* jobs can be run using multiple threads (up to 16). Default value for new jobs is 4. Formerly created jobs will have this property set to 1. This new feature can fasten up archiving and is recommended to be used.
- Extended *Start/stop job* functionality. It is possible now to stop jobs started by the scheduler service.
- Extended job logging. *Skipped folders* were added to the job logs, listing the folders not processed because of permission issues or for having the *System* attribute set.

- *Get version to* functionality on the *Archive* tab. New menu-point in the folder context-menu, providing the ability to get versions of archived files to a folder different from the original file/shortcut location. At the moment just the file-system is supported, SharePoint Portal support will be added in the future.
- *Statistics*. New tab added to the file@PAM Manager tool, providing information about how many files (or versions) were archived. Available statistics:
 - All archived
 - All archived – versions
 - Yearly archived
 - Yearly archived – versions
 - Monthly archived
 - Monthly archived - versions
 - Daily archived
 - Daily archived – versions
 - Hourly archived
 - Hourly archived – versions
- *Free space checking*. In order to prevent free space size to get to low on a file server, it is possible to add different rules for different disks and UNC paths. These rules are defining the minimal amount of free space, in absolute numbers or percentage, when retrieving is allowed. This functionality can be turned on by adding new key into the registry:
`HKEY_LOCAL_MACHINE\SOFTWARE\Heilig & Schubert\fsaPAM\CheckFreeSpace`
 The default value of the key is setting the general rule for the feature. New STRING type values can be added setting the *NoRetrieveIfNotEnoughSpace* value explicitly for a disk or an UNC path.

Syntax:

Value name	Data
disk name with ":" or UNC path starting with "\\". The default value for every path is defined as "*".	value in - percentage "%" - bytes "B" - kilobytes "KB" - megabytes "MB" - gigabytes "GB" - terabytes "TB"

Examples:

Value name	Data
*	20 %
C:	30 %
D:	300 GB
\\fileserver1	5 %
\\fileserver2\data	100 MB

Bugfixes:

- **WARNING!** Update the HSM setup to the latest version 3.05.0809 (HSMSSetup_5_0809.exe)! The previous versions of HSM had problems when multiple retrieve requests were received for one file.
- In the case of manually started jobs, the logs were not ended correctly when the archiver service was stopped. Fixed.
- Fixed *Run interval* in notification mails.
- Fixed display order of jobs on the *Report* tab.
- Fixed refreshing of the *Archive* tab when there are changes on the *Storage* tab.
- Fixed notification generated for Delete and VersionCleaner jobs.

Product:	File@PAM
Setup version:	3.0714
Release date:	2008.02.01

New features:

- Possibility to turn off the file size faking feature as some customers using quota management software might have problems with size faking. A new value was added to the *HKEY_LOCAL_MACHINE\SOFTWARE\Heilig & Schubert\fsaPAM* Registry. When the value SparseGlobal is set to 0, file size faking is turned off. When the value is 1 or not present in the registry, file size faking is turned on.

Bugfixes:

- Checking the validity of HSM_ID before replacing the original file (rejecting HSM_ID = 0 and any return value other than s_OK).
- Better transaction processing on the database while archiving, the archiving is considered being an atomic operation.

Product:	File@PAM
Setup version:	3.0713
Release date:	2008.01.14

New features:

- Version number of actually archived document retrieved from the database in order to pass it to Exalead full-text indexing.

Product:	File@PAM
Setup version:	3.0712
Release date:	2007.12.03

New features:

- .NET 2.0 implementation. This and the following versions of file@PAM are using .NET 2.0 Framework. The presence of the framework is checked in the setup.
- SharePoint 2007 support. This includes:
 - Possibility to archive/retrieve form the file@PAM Manager.
 - Set up scheduled jobs.
 - Auto-retrieve requested documents on the SharePoint Portal 2007.
 - Archive/retrieve file and folders using the included file@PAM context menu add-in for SharePoint Portal 2007. This web-part has to be deployed manually and can be used in any Document type library.
 - Restore deleted files and folders using the file@PAM Manager.

Library type overview:

Web part	Supported	Not supported
Document Library	*	
Form Library	*	
Wiki Page Library		*
Picture Library		*
Translation Management Library	*	
Report Library	*	
Data Connection Library	*	
Slide Library		*
Announcements	*	
Contacts	*	
Discussion Board	*	
Links		*
Calendar	*	
Tasks	*	
Project Tasks	*	
Issue Tracking	*	
Survey		*

This setup does not support SharePoint Portal 2003! For this previous version of the SharePoint Portal please use an older file@PAM setup. A new release of file@PAM supporting both SharePoint Portal versions is coming soon.

- Brand new job logging system. The log-files generated for scheduled jobs were divided into smaller parts (overview, summary, succeeded, failed, skipped). Paging functionality was added in order to handle large log files. Old log files are not viewed in the file@PAM Manager!
- Possibility to filter out “Already archived” messages from log files. A new value was added to the `HKEY_LOCAL_MACHINE\SOFTWARE\Heilig & Schubert\fsaPAM` registry. When the value `LogIsArchived` is set to 0, these messages are not included in the log files. This functionality is usable when trying to shorten the generated log files by not including unimportant information into them.
- Possibility to start/stop jobs manually on the Scheduler tab in the file@PAM Manager. A job can be started in a one minute time period just once.
- Job checkpoint feature. Jobs are storing the information about the last processed file and are able to continue processing documents when restarted from this file. This is a big advantage when the job has to process a big amount of documents as it will not start from the beginning.

- Setup changes:
 - Automatic creation of application pools and websites under the proper port and user account in IIS 5.0 and 6.0.
 - Better user browser dialog. The possibility to run the file@PAM services under the local system account was removed.

Bugfixes:

- Filtering based on file attributes fixed.
- HSM schema listing on the General tab in the file@PAM Manager fixed.
- Adding compressed and offline attributes to HTML shortcuts completely removed
- Added usage of own temporary directory when working with SharePoint files. These files were stored in the user temp folders, what caused "Access denied" errors in certain cases.

Product:	File@PAM
Setup version:	3.0711
Release date:	2007.10.25

Bugfixes:

- Problems with automatic opening the retrieved documents when using HTML shortcuts on UNC paths and GFS servers are fixed.
- Retrieving the HSM schema info when timeout happens on the SQL server fixed.

Product:	File@PAM
Setup version:	3.0710
Release date:	2007.09.11

Internal version

Product:	File@PAM
Setup version:	3.0709
Release date:	2007.07.20

New features:

- Job notifications. From this version administrators can configure file@PAM to send email notification about jobs run.
- Version cleaner job. A new type of job with purpose to remove junk versions of physically deleted files from the database.
- NetApp fpolicy registration settings. If a registry key called "NetAppCMDOptions" is added to the file@PAM registry keys, then it is possible to set the operations which for the NetApp fpolicy server will be registered. Possible values are: "open, offline, rename, close, delete, lookup, getattr, setattr, read, write, all70, all65, all64", and their combinations separated with commas. The default settings in the handler service are: "open, offline". If you experience problems with auto-retrieving files on property changes, please, add the above mentioned key to the registry and set its value to: "read, write, offline".

Bugfixes:

- The possibility of setting "Disable versioning" in the Filter properties was removed (file@PAM Manager -> Scheduler > Filters).

Product:	File@PAM
Setup version:	3.0708
Release date:	2007.06.29

New features:

- HTML shortcuts – Sparse attribute support for Windows. After setting the SparseHTML flag to 1 in the registry, the sparse attribute will be applied on the HTML shortcuts in order to have the same logical size of the shortcut as the original file had.
- HTML shortcuts – retrieve and open functionality. After retrieval, IE automatically tries to open the retrieved file.

Bugfixes:

- Offline attribute is not applied anymore to files, from which just a backup (no shortcut option selected) was created.
- "For fast searching, allow Indexing Service to index this file" and "Compress contents to save disk space" attributes are not removed after archiving and retrieving back a file.

Product:	File@PAM
Setup version:	3.0707
Release date:	2007.06.14

Bugfixes:

- Remote HSM support fixed for HTML shortcuts

Product:	File@PAM
Setup version:	3.0706
Release date:	2007.05.16

New features:

- HTML shortcut support. From this version it is possible to replace files with HTML shortcuts on UNC paths and Generic File Servers. The shortcut type can be defined generally, for Generic File Servers and for job filters.
- Restriction added for the Handler service, from now it accepts only drives with NTFS.

Bugfixes:

- Stored procedure responsible for writing the last retrieving time of an archived to the database fixed.

Product:	File@PAM
Setup version:	3.0705
Release date:	2007.03.27

fsaPAMHandlerSv

- FEATURE: Excluded extension is checked before system attributes

FilePamManager

- BUGFIX: Archive job stopped with exception when the assigned user had not enough permissions for archived folder.

Product:	File@PAM
Setup version:	3.0704
Release date:	2007.02.01

fsaPAMHandlerSv

- BUGFIX: Policy server for NetApp restarts during handler service shut down.

Product:	File@PAM
Setup version:	3.0703
Release date:	2007.01.16

fspServer

- FEATURE: Offline request are handled to decrease network traffic

fsaPAMHandlerSv

- FEATURE: UNC path archivation (only version is created in the store)

File@PAM Manager

- Support for UNC path archivation

Product:	File@PAM
Setup version:	3.0702
Release date:	2006.12.20

PamFSARemoteServer service

- BUGFIX: Offline attribute was set for files smaller than MinSizeToShortcutB.

HSMDownload web site

- BUGFIX: Fix for getting compressed files from HSM store

Product:	File@PAM
Setup version:	3.0701
Release date:	2006.12.12

Handler and fsapserver service

- FEATURE: Error logging with HSM Log service
- BUGFIX: ORACLE DB – splitter character changed from , ' to ,;'
- BUGFIX: Synchronization fix for netapp requests

fsaPAMDriver

- BUGFIX: Retireving threads limited to 80
- FEATURE:Shortcut detection based on offline attribute

DBScriptsMSSQL

- BUGFIX: FSIDENTITYNEWVER: Fix for select from PAM_FS_ST_RETRIEVE table

DBScriptsORACLE

- BUGFIX: FSUNMARKUSEDHSMIDS: Separator character changed from , ' to ,;'
- BUGFIX: FSIDENTITYNEWVER: Empty string checking (from <> changed to IS NOT NULL)
- BUGFIX: FSIDENTITYNEWVER: Fix for select from PAM_FS_ST_RETRIEVE table

Product:	File@PAM
Setup version:	3.0610
Release date:	2006.10.19

FilePamManager

- FEATURE: The Archive/Retrieve functionality is disabled in DENIED folder (Archive/Retrieve tab in file@PAM Manager)

Product:	File@PAM
Setup version:	3.0609
Release date:	2006.10.18

Web Page

- Feature: Support zipped files download from Hsm

Handler service

- BUGFIX: Read only files were not archived

fsaPAMDriver

- FEATURE: All debug strings are conditional

Product:	File@PAM
Setup version:	3.0608
Release date:	2006.10.04

FilePamManager

- BUGFIX: The “get version” operation now works with SharePoint folders

FilePamSppExt

- FEATURE: Get document version support

Product:	File@PAM
Setup version:	3.0607
Release date:	2006.09.25

fsaPAMDriver

- FEATURE: Driver version in Debug

Handler service

- BUGFIX: Create file ist called for network paths inst of ZCreateFile
- BUGFIX: Buffer allocation in CCelerraClient class

Product:	File@PAM
Setup version:	3.0606
Release date:	2006.09.18

fsaPAMDriver

- BUGFIX: in KernelDriver

Product:	File@PAM
Setup version:	3.0605
Release date:	2006.08.28

fsaPAMDriver

- BUGFIX: For oportunistic locking
- FEATRUE: Thread pool for asynchronous processing

Handler service

- CreateFile function replaced with ZCreateFile function.

Product:	File@PAM
Setup version:	3.0604
Release date:	2006.07.15

fsaPAMDriver

- FEATURE: Dispatch IRP-s with asynchron threads

Product:	File@PAM
Setup version:	3.0603
Release date:	2006.07.10

fsaPAMDriver

- BUGFIX: Complete fix for HP-tools problem (Invalid Kernel Handle)

FilePamManager

- Feature: On Job reports tab, Delete jobs are not included in job list (delete jobs have no reports)
- BUGFIX: On Archive tab, if the size of the version is unknown, "-1 bytes" was shown instead of "(unknown)"
- BUGFIX: On Scheduler tab, when a Delete job was selected, the filter list was active, but no filter can be selected for job of this type

Product:	File@PAM
Setup version:	3.0602
Release date:	2006.07.03

fsaPAMDriver

- BUGFIX: Conflict with the Diskeeper (Defragmenter tool)

Product:	File@PAM
Setup version:	3.0601
Release date:	2006.06.29

Handler and fsapserver service

- FEATURE: fully synchronized Archiving and Retrieving
- FEATURE: Debug switching on running time
- FEATURE: SafeMode diagnostics switch
- BUGFIX: All memory leaks are fixed

fsaPAMDriver

- Feature: fully synchronized Archiving and Retrieving
- Feature: Debug switching on running time
- Feature: SafeMode diagnostics switch
- BUGFIX: Modified filtering method and parameters

FilePamManager

- Feature: uniform user interface for storage management (NetApp, Celerra)
- Feature: get version operation for a folder now runs in multiple threads
- The PAMfsaAutoretriever service is no longer restarted when settings changed (because the service is no longer available)

Product:	File@PAM
Setup version:	3.0503
Release date:	2006.06.15

Handler and fsapserver service

- BUGFIX: correct behaviour on unaccessible network on netapp
- BUGFIX: fixed timing problem on big archived files on netapp

fsaPAMDriver

- BUGFIX: better IRP filtering for SSH

Product:	File@PAM
Setup version:	3.0502
Release date:	2006.05.24

FilePamManager

- Feature: enhanced SharePoint support (ISAPI extension for SharePoint autoretrieving)
- Feature: directarchive job now writes log
- Optimized job log viewer
- BUGFIX: filter refreshing on Scheduler jobs tab
- BUGFIX: on Archive-Restore tab, if a deleted document was restored, the color of the file name label was set to normal
- BUGFIX: archive and directarchive jobs are now working recursively on selected folders
- BUGFIX: in job logs, the size of all archived files is now calculated correctly
- BUGFIX: the archiver service does not throw exception while stopping

Handler service

- Feature: Detailed joblog integration
- Feature: Files with TEMPORARY attribute are not archived
- BUGFIX: OFFLINE and COMPRESSED attribute not lost at shortcut's change

fsaPAMDriver

- BUGFIX: CloseHandle on every way
- Feature: Compatibility with OPLOCKS

Product:	File@PAM
Setup version:	3.0501
Release date:	2006.04.21

FilePamManager

- Feature: Netapp support
- Minor bugfixes (tree checking, compression settings, etc.)

Handler service

- Feature: Netapp integration
- Feature: Enhanced statistic fields in DB
- Feature: New mounted disk - check and attach

AutoRetriever service

- Feature: New mounted disk - check and attach

fsaPAMContext

- Feature: Enhanced statistic fields in DB

Product:	File@PAM
Setup version:	3.0402
Release date:	2006.03.13

FilePamManager

- Feature: Archive and retrieve operations build log containing the failed files and folders
- Feature: New filePamConfig tool
- Bugfix in job folder assignment
- Minor bugfixes

Handler service

- BUGFIX: Offline flag is set on archived file only if it is changed to fsashortcut
- BUGFIX: On full disk correct reaction

fsaPAMContext

- BUGFIX: „Restore“ labels changed to „Retrieve“

Product:	File@PAM
Setup version:	3.0401
Release date:	2006.02.27

FilePamManager

- Feature: Import setting from one filePam server to another
- BUGFIX: The archiver service was not always refreshed after job settings changed
- Get File Version bugfix: the file is deleted after the version get was successful
- Minor bugfixes

Handler service

- Feature: More filePAM on one DB
- BUGFIX: ExcludedExtension – if file name has more ‘.’-chars
- Feature: Offline flag on fsashortcuts – windows content search doesn’t retrieve files
- BUGFIX: If file owner is can’t get for file, it is correctly set (“<Unknown/Unknown>”)to DB,
- BUGFIX: Meta files has “.meta” extensions in store

Archiver service

- BUGFIX: New real direct archive

AutoRetriever service

- Feature: More filePAM on one DB

fsaPAMDriver

- BUGFIX: Flag FILE_NO_EA_KNOWLEDGE is no filtered because request from Mac comes with this flag

Product:	File@PAM
Setup version:	3.0302
Release date:	2006.02.06

FilePamManager

- BUGFIX: Minor bugfixes

Product:	File@PAM
Setup version:	3.0301
Release date:	2006.01.09

FilePamManager

- Feature: New progress handling methods – uniform way of getting operation progress from the server
- Feature: “apply changes” dialog appears when some settings changed in manager and the user exits the manager or switches to other server
- Feature: SharePoint support
- BUGFIX: Minor bugfixes
- BUGFIX: UI bugfixes
- Server interface changes

Handler and AutoRetriever services

- Feature: Get default settings from DB

fsaPAMDriver

- BUGFIX: Excluded process name was case sensitive

Product:	File@PAM
Setup version:	3.0204
Release date:	2005.12.21

FilePamManager

- BUGFIX: UI bugfixes
- BUGFIX: Corrected tree refreshing

Product:	File@PAM
Setup version:	3.0203
Release date:	2005.12.14

Handler and AutoRetriever services

- Feature: GetComputername from registry too – for cluster solutions

Product:	File@PAM
Setup version:	3.0202
Release date:	2005.12.12

Handler service

- Feature: CompressSizes in registry: -1 no limitation
- Feature: CreateFile for remove sparse attribute on retrieve
- BUGFIX: CloseHandle(), DeleteTmpFile

AutoRetriever service

- BUGFIX: If can't start kernelfilter, we can't stop the service

fsaPAMDriver

- BUGFIX: recode filtering

Product:	File@PAM
Setup version:	3.0201
Release date:	2005.12.05

FilePamManager

- Feature: Context menu for version and delete/undelete operations on archiver tab
- Feature: Machine name is get from registry if specified (for cluster support)
- BUGFIX: After changing the list of restricted files the handler service was not refreshed
- BUGFIX: UI bugfixes
- Improved performance of job log parser

Product:	File@PAM
Setup version:	3.0102
Release date:	2005.11.22

FilePamManager

- Feature: Added new tab for general settings and compression settings
- Feature: General and compression settings were moved to PAM_FS_DATA table from the registry
- Bugfix: The archiver service was not refreshed all of the time after creating new jobs

Product:	File@PAM
Setup version:	3.0101
Release date:	2005.11.21

FilePamManager

- The first released version

Product:	File@PAM
Setup version:	2.612
Release date:	

Handler service

- BUGFIX: FlushFileBuffers()
- CreateFile for remove sparse attribute on retrieve

AutoRetriever service

- Denied process check moved into kernelfilter

DBScriptsMSSQL

- Minor version number changed from 611 to 612 in 03_filePAMDefaultValues.sql

DBScriptsORACLE

- Minor version number changed from 611 to 612 in 05_filePAMDefaultValues.sql

Product:	File@PAM
Setup version:	2.0611
Release date:	

Handler service

- RestoreFile have new parameter : bRestoreShortcut :
 - TRUE : create only shortcut, not retrieving
 - FALSE : as in the new version
- New function in interface :
 - ArchiveFileSPP - for share point portal
 - RetrieveFileSPP - for share point portal
 - RestoreFileSPP - for share point portal
- DB change : file owner is stored in the DB
- FEATURE : HTML shortcut creation on mapped drives
- FEATURE : offline synchronization
- BUGFIX : function _ultow() replaced – wrong conversion to WCHAR
- FEATURE : CPI file copied by ShellCopy functions
- FEATURE : files smaller than 512B are not replaced with shortcut

AutoRetriever service

- Attribute check removed from service – better performance

Product:	File@PAM
Setup version:	2.0610
Release date:	2005.11.10

Handler service

- New functions :
 - FullTextFolder - for FullText
 - FullTextFile - for FullText
- New parameter for archiving : NUMDELETEOLD – how many versions will be prevented

Archiver service

- New job types : a, "FullText" and "Create versions" types

Product:	File@PAM
Setup version:	2.0609
Release date:	2005.11.04

Handler service

- FEATURE : File is replaced with shortcut in case if the condition is full filled
- FEATURE : Compression extensions inserted
- FEATURE : Not archive extensions
- FEATURE : New function inserted : RetrieveFileFromAutoRetr – for AutoRetriever service

AutoRetriever service

- BUGFIX : Reseting last access time for retrieved file
- AutoRetriever is calling RetrieveFileFromAutoRetr functionin handlers interface when retrieving file

FSAPAMTray

- BUGFIX : system tray icon creation changed to fixed icons in ImageList

Product:	File@PAM
Setup version:	2.608
Release date:	2005.08.04

Handler service

- Compression implemented in to the service
- New function inserted : GetReport for FSAPAMTray application

FSAPAMTray

- New application in File@PAM. Administrator tool. Show the File@PAM activity on the file server and get informations about the archive and retrieve process.

AutoRetriever service

- BUGFIX : stopping service

Archiver service

- Service name changed from fsaPAMArchiverSv to PAMfsaArchiverSv

Guard service

- Guarding service.

Note:

This document is a subject to change. Please check for newer versions before installing PAM4Files.

Bratislava, 2011.06.22

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