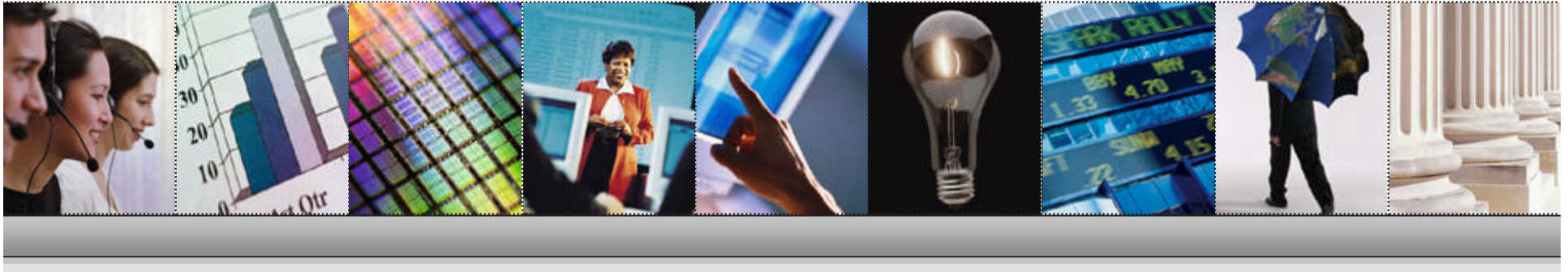




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Keyfile Latest versions and Roadmap

Theodore D. Papailiou & Mark Cerri

April 19th 2004

Keyfile 7.0 and 7.1

- Keyfile 7.0 – March 2004
- Keyfile 7.1 – June 2004

- Includes many new features and capabilities
- Provides compelling reasons to upgrade to the latest release

Keyfile 7.0 and 7.1 Features

■ Keyfile 7.0

- eiStream Branding
- Workspace Single Sign On
- Workspace Faxing
- Keyfile User Administration API
- Keyfile Single Sign On Administration User Interface
- Additional Enhancements and Bug Fixes

■ Keyfile 7.1

- NAS/SAN Support
- Minor Enhancements



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Keyfile 7.0

eiStream Branding

eiStream Branding

- If the following may have offended you in the past...
 - Lexign
 - icomExpress
- *Good news...*
- All references in the Product, Documentation, Examples and Collateral will be changed to...

eiStream



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Keyfile 7.0

Workspace Single Sign On

Workspace Single Sign On

- Leverage Windows Authentication Architecture
- No Longer Requires User to Respond to Keyfile Challenge Response Dialog
- Keyfile SSO will Use NT Logon credentials



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Keyfile 7.0

Workspace Faxing

Workspace faxing

- Workspace Leverages Windows Architecture
- Provides Faxing through Printing and e-mail
- Converts Keyfile Compound Documents or Page to Single Multi-page TIFF.
- Annotations get Burned into their parent TIFF page

Workspace faxing - Continued

- Send to Mail Recipient Functionality can be used to fax pages in a Keyfile compound Document
- Annotations will be burned into their Parent TIFF page
- All other page types get added as attachments in their native form



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Keyfile 7.0

Keyfile User Administration API

Keyfile User Administration API

- COM Programmable Interface into Keyfile User Administration Functionality
- Accessible through tools such as
 - C++
 - Visual Basic
 - Visual Basic Scripting (VBScript)
- Programmatically Manipulate
 - Tools and Toolboxes
 - File cabinets and File Rooms
 - Security Groups
 - Address Books used by and assigned to Keyfile Accounts



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Keyfile 7.0

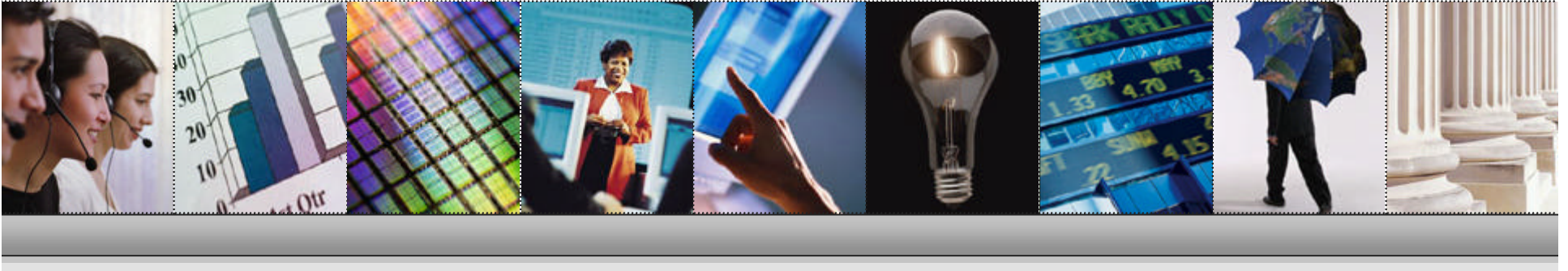
Keyfile Single Sign On Administration User Interface

Single Sign On Administration UI

- VB User interface
- Allows Administrator to Associate Keyfile Accounts with Domain Accounts
- Leverages Administrator API
- Precursor to Full Administrative Tool with Future feature additions



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Keyfile 7.0

Additional Enhancements and Bug Fixes

Additional Enhancements

- Additional Enhancements
 - User Preferences
 - Auto Log Off
 - Print Options
 - Improved Searching Capabilities
 - Managing Documents and Pages
 - PrintIt and TIFFIt API
 - Imaging for Windows

User Preferences

- Client Based Settings Found in Server Configuration moved to Client User Preferences as new Menu Selection
 - Error Logging
 - ODMA
 - Content Block Size
- New Settings Available
 - Auto Logoff
 - Print Options
 - Mail Attachment Handling on Import
 - Multi-page TIFF Handling
 - Burning Annotations

Auto Log Off

- Client Based Preference
- By Default Enabled
- Greater Control of Concurrent Licenses
- Logs off user when last instance of Workspace is closed, such as
 - Keyfile Viewer
 - Internet Explorer
 - Windows Explorer
 - Workspace

Print Options

- Accessible through the new Workspace User Preferences
- Accessible from Print and Print via Fax dialog
- Controls Printing, Faxing and Exporting of Compound Documents and Pages (with Annotations)

Improved Searching Capabilities

- Multiple File Cabinet Searches from the File Room
- Exposed through KLAuto for programmatic accessing
- Keyboard Short Cuts added for Word Searches
 - CTRL+F to Find
 - F3 to Find Next
 - SHIFT F3 to Find Previous

Managing Documents and Pages

- New Features to Handle Compound Documents, Pages and Alternate Pages available through new menu options
 - Alternate Pages can be Changed/Deleted
 - Reference of Compound Document can be sent via email or placed on the desktop
 - Pages can be sent via email or placed on the desktop
 - Both TIFF and Non-TIFF can be mailed or sent to the desktop
 - TIFF pages (Base or Alternate) can have annotation burned into to the image
 - Drag and Drop of file into Workspace will invoke Template Selection dialog.

PrintIt and TIFFIt API

- Print-It and TIFF-It functionality exposed through two individual API's
- The Print-IT API will Print Files (including TIFF Files with Annotation)
- The TIFF-It API will TIFF Files and Burn Annotations into the TIFF Image
- Documentation available in KLAuto Dev help files

Imaging for Windows

- Imaging for Windows 2.7 ships with the Keyfile 7.0 CD and can be used by licensed Keyfile Users on Windows XP

Bug Fixes

- Option to User “Mail Recipient as KDOC” in Workspace
- Option to hide ICON, TOC and Detail from the Display
- Duplicate and Preferences options are not available from the Common Dialog Control
- KFSearch asp customization throws an error
- KGI_ExportBriefcaseFolder gives Error “Not enough disk space when >2G
- 36 Additional Fixes in this Release

-
- A scent Capture Release Script Update
 - Keyfile Support Website
 - Support for both KGI and KLAuto



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Keyfile 7.1

NAS/SAN Support

NAS/SAN Support

- Provide support for Large Storage Solutions
- Allow customers to leverage latest technologies in storage solutions



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Keyfile 7.1

Additional Enhancements

Additional Enhancements

- Context Menu Support
 - Print complete Compound Document through Right click menu



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Keyfile Roadmap

Keyfile 8.0

The Process

- Determine Priorities
 - Receive new input
 - Review old comments and issues
- Goal:
 - Address the needs of our customers and resellers
 - Develop a roadmap that includes solutions for the items

Time frame

- A balance between
 - Short, quick releases, with a few enhancements
 - Gaining development and QA efficiencies by using longer release cycles
- For Keyfile 8.0, we choose to collect a comprehensive set of enhancements, with a release cycle of about 1 year

Keyfile Roadmap

- Q2 2005 – Keyfile 8.0
 - Sub-classing for the Workspace Client
 - Workspace Sub-classing Infrastructure Implementation
 - Icon Replacement
 - ASP Page Customization Support
 - Client-side Scripting and Event Handling
 - Activity Auditing/Logging
 - The ability to audit/track changes to objects and metadata
 - Additional Platform Support

Keyfile Roadmap - Continued

- Q2 2005 – Keyfile 8.0
 - Additional Functionality
 - Additional OS Platform Support
 - Storage Server Support

Sub-classing Support for Workspace

- Allows the customer to highly customize the workspace client
- Endless customization opportunities for current Workspace clients
- Allow for migration path for Classic users Customization while leveraging new Workspace Functionality (and 32-bit Technology)
 - Workspace Sub-classing Infrastructure Implementation
 - Icon Replacement
 - ASP Page Customization Support
 - Client-side Scripting and Event Handling
 - ????? – Context Menu Extensions

Activity Auditing/Logging

- Ability to track object and Metadata changes
- Store the output in different formats
- Leverage your existing reporting tools.

Additional OS Support

- Windows 2003 Server/Professional support
- New technologies/architecture Support
- Windows 2003 Support concurrent with Optical Component Release

Storage Server Support

- Integrate eiStream Storage Server Component
 - To Replace currently used MDI Drivers
 - Wider range of Optical Device support
 - Platter Mirroring Capabilities for Backup
 - Maintain Backward compatability



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