



What's new in ACH/X 5.4.1 rev 4988 since ACH/X 5.4.0

New Features

Adobe PDF Library

New Adobe PDF Library (APDFL 10.1.0P4n): fixes some font issues

Improvements

- JPG resolution fix for JPG image file format when resolution is set in JFIF X/Y Density
- Minor UI fixes: OI filtering UI / Ink Consumption / DTAC
- Improved File Naming support when file name includes 2 periods

Dongles

Only Black dongles, with a valid URTS (Update and Remote Technical Support Program) are supported.

Management of the new dongles must be done using AlwanLicenseManagerX (available from /Applications/Alwan Color Expertise/Utilities/AlwanLicenseManagerX.app)

Old Purple dongles must be upgraded to run ACH/X 5.x.

For more details please contact sales@alwancolor.com.

Note: ACH/X cannot be run in demo mode using time-limited license codes for more than 3 months. After 3 months, it will not be possible anymore to enter any time-limited license to activate the software.

Hardware and System Requirements

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- Windows 64-bit Operating System required (Microsoft® Windows® Vista, 7 Professional, 8 Professional, Windows Server 2008 R2, Server 2012)
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Upgrades



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ACH/X with Enfocus Switch

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ACH/X with DALiM Basic Tool

Alwan ColorHub 5.x is compatible with Dalim Twist 7.5 (since build 5068) Basic tool.



What's new in ACH/X 5.4.0 rev 4903 since ACH/X 5.3.0

New Features

Adobe PDF Library

New Adobe PDF Library (APDFL 10.1.0P4k): fixes some font issues

Queue Manager

Group check box activates or deactivates all queues inside a group

Spot Inks

Spot Ink demand can be set individually for each output ink

"Other Spot" TRC Adjustment applies chosen TRCA to spot colors that are not color managed

Improvements

- Unsharp Mask Threshold setting available in Output -> Advanced -> Image Enhancement
- Improved import of files when owner has no read/write permissions
- Updated FTP utility fixes some FTP import and export stability issues
- PDF and text reports name suffix restored to previous behaviour (_reportOPT instead of _reportOK)
- Web Interface Print Run can be edited simultaneously for different jobs
- HiFi dongle option is needed to choose custom Input Default Hifi profile. Without HiFi option, "Automatic Profile" is applied

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What's new in ACH/X 5.3.0 rev 4501 since ACH/X 5.2.0

New Features

Check for Updates

- Automatic or manual check for ACH/X updates:
Preferences -> General -> Check for Updates options
- Download and install the latest version available within your dongle URTS period.

Gamut Corner points

- Optimizes the color transformation of RGB images to maximize their color saturation on output device

Available from Output -> Purities -> RGB Only.

Spot Color Management

Advanced Spot Color Management :

- ACH/X includes the same Color Library as APS and APV
- Choose between PDF and Color Library Definition: Input -> Spot Color Default Definition
- Convert using PDF Alternate Color Space Values: restores ACH v3 "convert Spots to CMYK" purity option
- Improved color management of PDF with HiFi Profile

Please refer to ACH Manual part 3.3.2 for détails

Localization

- ACH can use localized language pack:
"Admin -> Import Localization File..." enables you to select *.qm translation package file

Improvements

- Minor User Interface Improvements
- Switch Configurator fixes for Reports and Proof files
- Reports and Proofs filenames (matching optimized file name, instead of original file name)
- Files will be processed according to the First In First Out policy.

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ACH/X with DALiM Basic Tool

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What's new in ACH/X 5.2.0 rev 4170 since ACH/X 5.1.0

New Features

CMYK Output

- New "Clean Gray Axis" Purity: gray colors with chroma below a defined value will contain only K ink in the output separation

HiFi / Multicolor Output

- New "Preserve CMYK" Purity: CMYK only colors on the input remain CMYK only on the output
- New "No Complementary Inks" Purity: eliminates the use of complementary inks in the output separation when there is a risk of moiré
- New "Prefer HiFi C, M, Y, K": when Input HiFi color space includes CMYK, input PDF CMYK colors will be defined using the CMYK part of HiFi color space. Useful for repurposing Esko® Equinox® PDF
- New "Clean Gray Axis" Purity: gray colors with chroma below a defined value will contain only K (or darkest) ink in the output separation

Extended RGB and CMYK Input Gamuts

- New "Wide Gamut Standard RGB" / "Super Wide Gamut Standard RGB" profiles: can be chosen as default Input ICC Profiles to Saturate / Saturate More output colors
- New "Wide Gamut Standard CMYK" / "Super Wide Gamut Standard CMYK" profiles: can be chosen as default Input ICC Profiles to Saturate / Saturate More output colors

Improvements

- New Mac OS X Yosemite (10.10.x) Support
- Mac OS X Snow Leopard (10.6.x) is not supported anymore.
- Improved Shading Smoothness
- Improved Web Interface (Group displayed, Drag and Drop of file in a queue, direct download of Report/Success/Error/Original jobs, etc)
- Minor User Interface Improvements

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What's new in ACH/X 5.1.0 rev 3907 since ACH/X 5.0.1

New Features

- New HiFi Separation option: GCR level can be chosen when using output HiFi profiles containing CMYK inks
- New Web interface: Allows the monitoring of Queues status, Jobs in progress and Done Jobs from any html browser
- New Premedia Edition: Enables "Use Output Profile Separation" for optimizations to any output color space
- New Static DVLP Option: Enables optimizations through Static DVLPs
- New Search functionality for Special Colors: Helps quickly finding a color in a large Color Library
- Processing Speed improvements: Local rasterization is quicker and can be processed on different cores
- New "Backup Settings Only..." : Allows to backup ACH/X settings without database, lighter and faster backups
- Minor User Interface fixes

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What's new in ACH/X 5.0.1 rev 3575 since ACH/X 4.1

New Features

- New output colorspaces: RGB, Lab, Gray, CMYK (+Spot), HiFi (+Spot).
- New Alwan Multicolor engine: Higher color accuracy, higher ink savings, HiFi support.
- User interface improvements: Task Window has been redesigned and significantly enhanced.
- New Rasterization capabilities: Local flattening available for overprint sensitive, spot overprints, complex and normal transparencies.
- New Proof capabilities: Generate color managed raster file for softproof, raster file for hardproof or printed proof.
- New Dot Reproduction Limit option: Customize plates for specific processes such as Flexo.
- Fix queue issue that may appear when updating v3 to v4 to v5 (ACH 5.0.1).

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What's new in ACH/X 4.1 rev 2953 since ACH/X 4.0

New Features

- New Adobe PDF Library (APDFL 10.1.0PlusP2r): better support of PDF, PDF/X1-a and PDF/X4.
- User interface improvements: Compression gauge, Reset license menu, Statistics report.
- File handling improvements: PDF without file extension, hot folder hierarchy, scratch folder.

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Upgrades

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ACH/X with DALiM Basic Tool

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What's new in ACH/X 4.0 rev 2151 since ACH 3.9.10

New Features

- Cross-platform: identical color management results on Mac OS X and Windows platforms.
- New Alwan multicolor engine: higher color accuracy, higher ink savings, Updated Adobe BPC.
- New Adobe PDF Library (APDFL 10.1.0PlusP1y): better support of PDF, PDF/X1-a and PDF/X4.
- Higher productivity: 30% faster than previous versions, new queue priority option.
- Improved support for very large PDF files: for printing of posters, signage etc.

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