

# Imaging Engine / FlexRip 12 Assembly 5

## Change Log

January 27, 2014

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### Minimum Hardware / Software Requirements

See the minimum requirements page at [System requirements Imaging Engine](#)

### New features

12.0: See the "What's New" presentation on the [Esko help website](#).

12.1: See the "What's New" presentation on the [Esko help website](#).

12.1.1:

- This release has been tested and approved on Windows 8 and Windows Server 2012 too, except for FlexProof/E (support planned in 12 Assembly 5).
- Ease of deployment: the DVD installer now also supports installing on systems with "Strong Password Policy" enabled.

12.1.2:

- The standard FlexProof/E still doesn't support Windows 8 or Windows Server 2012, but a pre-release version that does is available on request.

### Notifications for next release

In the next version (Suite 14, expected mid-2014) support will be dropped for following OS versions:

- Windows XP
- Windows Server 2003
- Windows Vista

In the next version a new Imaging Engine (based on Adobe PDF Print Engine) will become available. System requirements here are Windows Server 2008 R2 or later, or Windows 7 Professional 64-bit or later (so a 64-bit Windows OS is a must).

### Known Limitations

Imaging Engine input channels

- AppleTalk: From SnowLeopard onwards, AppleTalk is no longer supported on Mac.
- Named Pipe: From Windows Vista / Windows Server 2008, kernel printer drivers are no longer allowed. This breaks our Named Pipe workflow (based on an Adobe kernel printer driver).

- FlexRip Print Dialog Extension on Mac no longer loads correctly from SnowLeopard onwards (does not support for the 64-bit GUI API necessary)
- ➔ Workaround for all three: use the new Shuttle functionality to send files to the Esko channel of the Imaging Engine, via the Imaging Engine Pilot.

Although Imaging Engine does run on 64-bit Windows OSes, the program itself still is a 32-bit program. This limits VM usage to max. 4 GB per process on 64-bit Windows OSes, and 2 GB on 32-bit OSes (the maximum before Suite 10).

To fix a number of issues with changing pattern orientations (e.g. CW24188) an “automatic form generator for external references” had to be disabled. This can give changed output for very old (Scope 3) Plato files (as logged in DT98056). If you experience this problem, there are 2 workarounds possible:

- Resave the Plato file in a more recent version
- On the FlexRip, set up the environment variable `ODLPIPE_EXTERNAL=1` (but this will undo the fix for the changing pattern orientations)

## Fixes in this release

Issue ID	CustomerWise #	Release Note
<b>Curve Pilot</b>		
115916	CW178295	PressSync Pilot gives wrong density measurements in Yellow separation
118626	CW200040	Crash when importing TED files, and values not correctly mapped from 0 to 100%
118487	CW199145	PressSync Pilot could crash when trying to open an incorrectly saved file
118401	Esko QA	PressSync: wrong measured density values for automated measurement with profiles
118014	CW195820	Lab values of primaries taken from ICC profiles are not correct (needed to use absolute colorimetric setting)
<b>FlexProof</b>		
117693	CW193084	HF1204002: The proof task stops with an error "Proofing aborted because the following input inks are not found in the source profile"
117564	CW192184	
119834	CW209220	FlexProof task failed for old tickets
119428	CW203992	
119539	CW206641	FlexProof Dispatcher does not start up when PantoneLIVE licenses are expired, and you cannot change the settings in FlexRip Configurator
118727	Esko QA	Verification strip for IO in combination with Esko + solid color strip is wrong
118752	CW201360	The Proof task with verification fails when the input file contains special characters
116378	CW171687	Strip layout was not always correctly saved in the FlexProof ticket
118107	CW196872	
118895	CW201837	Since PantoneLIVE, FlexRip adds the GUI name to the Pantone book names, which caused troubles for Image Downloader
109740	CW134677	The preview of unregistered colors looked black in the Proof Client
116336	CW176424	Proofing with 'linear' color strategy did not work for non-CMYK devices
116694	CW185958	Color strategies with special characters were not shown in the list in the Proof dispatcher
103158	CW95321	Proof Client - Aligning did not work when proofing to a WT7900 (requires Proof Server 12.2 to work !)
119664	CW201793	Proof Server could stop working, needing a reboot to fix (requires Proof Server 12.2 to work !)
<b>FlexRip</b>		
117748	CW163469	Out-of-memory problem on a 32-bits OS (max. 2 GB VM per process) is gone on a 64-bits OS (max. 4 GB VM per process)
117696	CW192896	HF1204014: Jobs referring to LEN-files that were scaled or rotated resulted in wrong output
119937	CW208785	
119070	CW203263	
119203	CW203837	
117339	CW189949	HF1204026: zero-percent inks in vignette could give problems with overprints
118116	CW195945	
117847	CW194130	HF1204016: CIP3 preview could be clipped or rotated when

		ripping a job with rotation but defining the plate size unrotated
114112	CW161039	You could not rip a separation without HD Flexo screens from a job that has HD Flexo screening
102988	CW94922	Problems ripping files with PantonePlus inks, after the file was rewritten in an environment that didn't have PantonePlus
117160	CW187281	Multi-plane 1-bps images: planes were inverted in the output
117259	CW185327	When 2 or more inks are mapped to the same ink, only the intensity of the first ink was taken into account for vignettes
117805	CW193860	PRERIP : temporary *_preripped.pdf was written next to the original file (instead of in a subfolder)
103802	CW97304	
118460	CW198813	
114834	CW165702	Allow DVD installer to work from a path containing '&-', '('- or ')'-characters
110079	CW135548	Out-of-memory for multi-plane 1-bps images: convert to 8-bps image first
50269	DT15351	
119495	CW206324	By default, non-ASCII characters were replaced by an underscore.
105401	CW105737	Allow DGCs to raise the zero percent value also for linework. This is by default disabled, can be enabled via environment variable "INTELLICURVE_LWKEEPEMPTY=0" (best set via FRC)
107865	CW123511	Small vignettes (area less than 1 square mm) could look bad at higher resolutions.
115825	CW179075	InkPlanner is disabled for 8-bit output. Logfile will contain "FRip/IPL: not activated for unscreened output" in this case
117777	CW193508	Give clear error when the list of configurations becomes too long (and no longer crash in that case)
<b>HD Flexo</b>		
118104	CW196857	Highlights were missing for some HD Flexo test job targets
119295	Esko QA	Add option to stagger targets in HD Flexo test jobs
119026	Esko QA	Updating HD Flexo could remove test targets that were added by an add-on on the previous version
119119	CW203427	Uninstalling an add-on and reinstalling could cause screens to be marked incorrectly as 'obsolete'