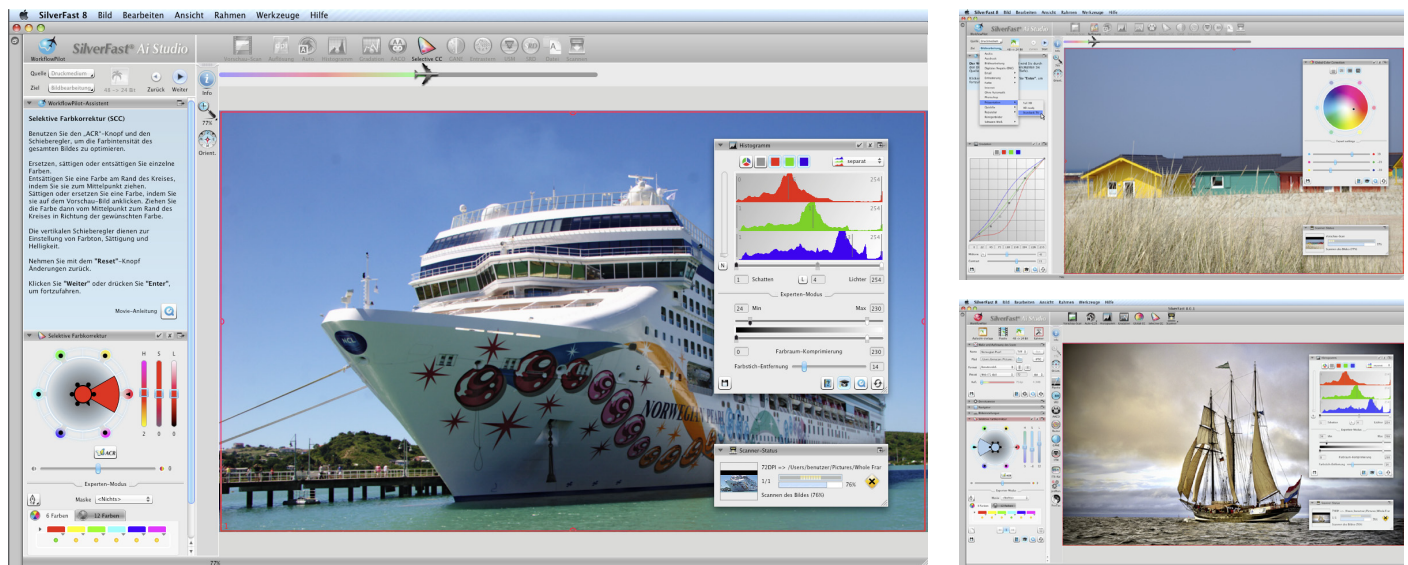


# HIFI-„SCANITY“

Highest Dynamic Range thanks to multiple exposure. Image capturing with 64bit color depth, separation of raw scanning and image processing: The new SilverFast Archive Suite 8 gets the maximum quality out of reflective as well as transparent analog originals. We will examine the most important features of this perfect solution for high-end scans.



Intuitive User Interface: SilverFast Ai Studio 8 – Preview Window and Tools (like Histogram, Gradation Curve and Global Color Correction)

High-quality digitizations of photographic originals have always been a challenge, which demands complex software requirements. Actually, it is about nothing less, than individually digitizing reflective and transparent originals with different film emulsions and appearance, while automatically identifying and removing artifacts dust and scratches, for creating scans, whose information density is high enough to flexibly adjust them for different purposes – from print to tablet, from Museum of graphic arts book.

High-end scanning specialist LaserSoft Imaging is way ahead with its SilverFast solutions for almost two decades. The SilverFast Archive Suite 8, which was introduced end of last year, is the quintessence of these experiences. Highlight: In comparison with previous versions, SilverFast Archive Suite 8 not only scores with new and innovative tools as well as an intuitive user interface. This perfect solution combines a high-end scanner software and a color consistent image processing software in one package. With the temporal and spatial separation of raw scan acquisition and digital processing, the market leader sets new standards in terms of flexibility and workflow.

And this is what the two elements of SilverFast Archive Suite 8 are in detail:

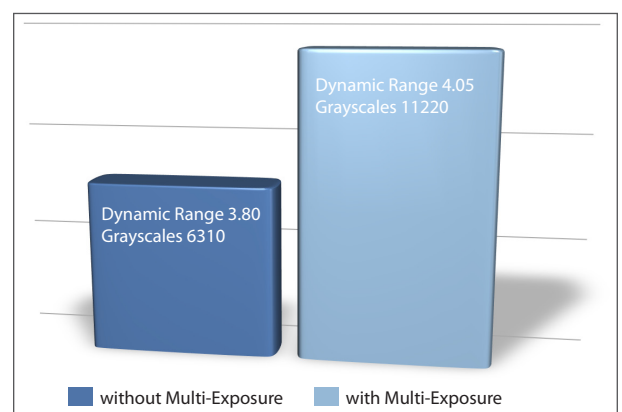
## SilverFast Ai Studio 8: Scanner Software

Individually adjusted to each device for achieving speed and optimized data, SilverFast Ai Studio 8 supports a great variety of film and flatbed scanners:

- Using SilverFast's intelligent automatic Frame Detection and patented Auto IT8 Calibration, entire image collections get digitized in shortest time.
- An integrated step-by-step workflow assistant – named WorkflowPilot – is guiding through many different scanning workflows. Especially for beginners, this is a great help to achieve optimum scan results. As the successor of SilverFast's popular ScanPilot, it is especially user friendly thanks to instructional text and a QuickTime movie for each feature.
- By scanning every original twice using different

exposure time, SilverFast Multi-Exposure enables to capture the maximum Dynamic Range. Details of brighter image areas get captured with the first scan, while details of darker areas are recorded with the second. Afterwards, a special algorithm, which is patented by LaserSoft Imaging, calculates the final scan result from both scans. The result is an image featuring maximum Dynamic Range.

- In contrast to conventional methods, SilverFast's dust and scratch removal iSRD is hardware-based. It uses the scanner's infrared channel for detecting errors. Unlike ordinary "Digital ICE" tools, iSRD



SilverFast Multi-Exposure: Significantly increased Dynamic Range thanks to multiple exposure.



Exclusive SilverFast Features: left: infrared Dust Removal. right: increased Dynamic Range thanks to Multi-Exposure

offers a variety of user controls: sliders, display options as well as masks and layers allow a defect removal, which can be customized to fit the individual image.

- SilverFast's lossless 64bit HDRi format is based on former 48bit RAW data format, but also includes 16bit of infrared data. Including this additional information, HDRi files contain all image data a scanner can deliver – the ideal archiving format.

### SilverFast HDR Studio 8: Image Processing Software

As second part of the Archive Suite software bundle, SilverFast HDR Studio 8 with its color management system is a powerful and user-friendly tool for individually processing image data. With this image editing software, every RAW scan created with SilverFast Ai Studio 8 can be process at any time later and at any place. Major advantages of this modular structure:

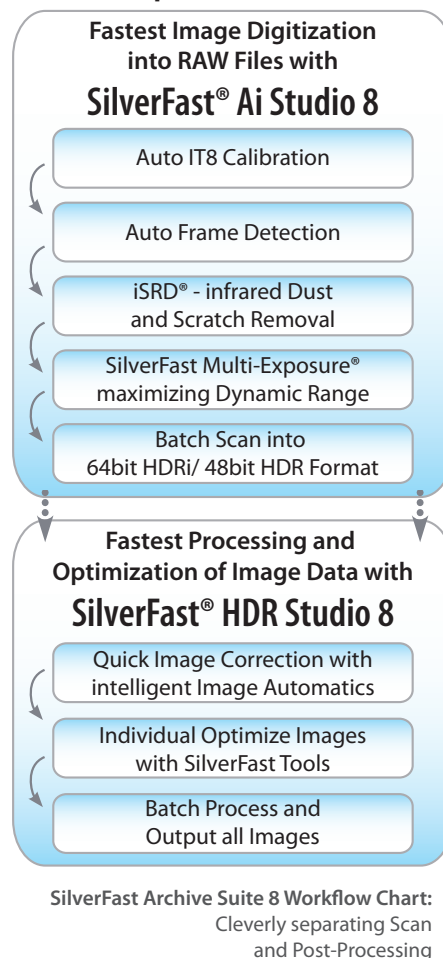
- The separation of digitization and image processing does not only provide temporal and spatial flexibility, but also allows to capture and archive the maximum amount of image data. As a result, RAW scans can be specifically processed for several different applications, without requiring any rescanning actions.
- A permanent gamma synchronization of these 64bit/ 48bit data ensures predictable and consistent brightness and color reproduction between SilverFast Ai Studio 8 and SilverFast HDR Studio 8.

### Conclusion

SilverFast is not the world's leading software and the de facto standard for high-end scans by accident. Manually adapted to well over 300 different scanner models, the software brings out each device's individual maximum quality. The comprehensive solution of SilverFast Archive Suite 8 bundles and "condenses" the strengths of SilverFast particularly sophisticated: The unique 64bit HDRi RAW format and SilverFast Multi-Exposure exploit the scanner's capabilities and the original's potential completely. Separating the procedures of scanning and image optimization simplifies the workflow – for graphics art scanning as well as for batch scanning.

Philipp Haarlaender, Director Marketing, LaserSoft Imaging AG, put it in a nutshell:

## SilverFast® Archive Suite 8 with optimized Workflow



"With SilverFast's Archive Suite 8, we have developed a worry-free all-round solution for high-end scans, which is optimally tailored to the needs of professional users, but which is very intuitive to use at the same time. Besides private persons, especially museums, universities and companies rely on our archiving software."

Further information: [www.silverfast.com](http://www.silverfast.com)

## SILVERFAST ARCHIVE SUITE 8

### Highlights

- Increased Dynamic Range – thanks to innovative SilverFast Multi-Exposure
- Lossless Storing of RAW Data – thanks to 64bit HDRi/48bit HDR Concept
- iSRD Dust and Scratch Removal – through Utilization of the Infrared Channel
- Consistent Colors – thanks to integrated Auto IT8 Calibration
- Predictable Brightness and Color Reproduction – through Gamma Synchronization
- Rapid Opening of large Images Files – thanks to unique HiRePP Technology
- Automatic Frame Detection – with intelligent SilverFast Automatics
- Easy to use – thanks to QuickTime Movies for every major Function
- Convincing Service – thanks to Email and Phone Support, free of costs and unlimited in time