SilverFast Product Family **Feature and funcitonal differences** blue background = Feature of SF6.5 and later	**SilverFast file reader versions** Imaging software, independent of hardware (scanner, camera or printer) **DCProStudio**	**DCPro**	**DCVLT**	**DCSE**	**HDRStudio**	**HDR**	**PrinTao®**	**SilverFast scanner versions** Scansoftware for specific scanner **AiStudio**	**Ai**	**SEPlus**	**SE**
Camera support (capable to open camera RAW-files)											
Canon, Epson, Fuji, JenOptik, Kodak, Konica, Leaf, Leica, KonicaMinolta, Nikon, Olympus, Panasonic, Pentax, PhaseOne, Sigma, Sinar, Sony, ... (check web for detailed specifications)	•	•	•	•	•	•	•				
Scanner support (>200 scanner supported, for manufacturers)											
Acer, Agfa, Apple, Avision, Canon, Crossfield, Cruse, Epson, Heidelberg, Howtek, HP, Kaiser, Kodak, Leica, Linotype, Mediax, Microtek, Nikon, Pentacon, PFU, PIE, Polaroid, Quatographic, Qubyx, Reflecta, Sharp, Strom, Umax, ... (check web for detailed specifications)								•	•	•	•
Features											
User Interface											
2-Level User Interface (Standard / Expert)	•	•			•	•		•	•		
3-Part Output Histogram: RGB-CMY switchable channels	•	•			•	•		•	•		
Basic dialogue (switchable to Standard dialogue)			•	•						•	•
Densitometer: 1 point or 4 points	4	4	4	1	4	4		4	4	1	1
Display RGB or CMYK Channels	•	•	•		•	•		•	•		
ImagePilot / ScanPilot	• –	• –	• –	• –	• –	• –		– •	– •	– •	– •
Picture settings dialogue: advanced / limited	• –	• –	– •	– •	• –	• –		– •	– –	– •	– •
VLT, Virtual Light Table with image browser, albums, magnifier, full screen preview, lossless JPEG rotation	•	•	•	•	•	•					
Correction											
AACO, Auto Adaptive Contrast Optimisation	•				•			•		•	
ACR®, Adaptive Color Restoration	•	•	•	•	•	•		•	•	•	•
Auto-Image-Adjust with artificial intelligence	•	•	•	•	•	•		•	•	•	•
Clone tool	•				•			•			
Color-cast removal slider	•	•	•	•	•	•		•	•	•	•
Descreening with USM: scaleable dialogue with preview / dialogue with preview / presets	• – – + auto screendetection and text protection	– • –			• – – + auto screendetection and text protection	– • –		• – – + auto screendetection and text protection	– • –	– – • + auto screendetection	– – •
Descreening: scaleable dialogue with preview / dialogue with preview / presets and manually	• – – + auto screendetection and text protection	– • –			• – – + auto screendetection and text protection	– • –		• – – + auto screendetection and text protection	– • –	– – • + auto screendetection	– – •
Expert-Dialogues	•	•	•		•	•		•	•		
Exposure adjustment	•	•	•	•	•	•		•			
Focus functions: Autofocus / manual focus / manual focus with preview. If supportet by hardware								• (hardware/dep.)	• (hardware/dep.)	• (hardware/dep.)	• (hardware/dep.)
GANE®, Grain and Noise elimination: full dialogue / limited dialogue	• – scaleable dialogue	• –	• –	– •	• – scaleable dialogue	• –		• – scaleable dialogue	• –	• – scaleable dialogue	– •
GCC, Global Color Correction: full dialogue / limited dialogue	• –	• –	• –	– •	• –	• –		• –	• –	– •	– •
Gradation curves: RGB / CMY / points adjustable	• • •	• • •	• • •	• – •	• • •	• • •		• • •	• • •	• – •	• – •
Histogram: RGB / CMY switchable channels	• •	• •	• •	• –	• •	• •		• •	• •	• –	• –
3-part Histogram	•	•			•	•		•	•		
ICE®, FARE®, iSRD® (if supported by hardware)								• – • (hardware/dep.)	• – • (hardware/dep.)	• – • (hardware/dep.)	• – • (hardware/dep.)
Image type settings	•	•	•	•	•	•		•		•	
Masks and Layers within SCC	4	4	4		4	4		4	4		
MidPip, Neutralising Pipette: number of points	4	4	4	1	4	4		4	4	1	1
Multi-Exposure (optional, hardware depending)								• (optional, hardware depending)		• (optional, hardware dependins)	
Multi-Sampling: with pixel alignment / hardware based								• •	• •	• •	– • (hardware dependins)
NegaFix® Negative film optimization: CCR / preset profiles for negatives / adjustable custom profiles	• • •	• • •			• • •	• • •		• • •	• • •	• • –	• • –
Real-time correction	•	•	•	•	•	•		•	•	•	•
SC2G, Selective Color to Grey conversion	•	•	•	• only in preset	•	•		•	•	•	• only in preset
SCC, Selective Color Correction: full dialogue / limited dialogue	• –	• –	• –	– •	• –	• –		• –	• –	– •	– •
SCC, Layers and Masks	4	4	4	1	4	4		4	4	1	1
SRD, Smart Removal of Defects: full dialogue with n masks and layers / limited dialogue	4 –	4 –			4 –	4 –		4 –	4 –	– •	– •
iSRD®, infrared Smart Removal of Defects, limited dialogue (hardware depending)										•	•
iSRD®, infrared Smart Removal of Defects, unlimited dialogue (hardware depending)								•	•		
USM, Unsharp masking: scaleable dialogue with preview / dialogue with preview / presets	• – –	– • –	– • –	– – •	• – –	– • –		• – –	– • –	• – –	– • –
Whitebalance adjustment	•	•	•	•	•	•		•			
Color Management											
Full Color Management and ICC-Workflow / limited Color Management and ICC-Workflow	• –	• –	• –	– •	• –	• –		• –	• –	– •	– •
Gamma synchronization	•	•	•	•	•	•		•	•	•	•
IT8-Calibration (Auto IT8 with v.6.5r6): included / optional	• –	• –		– •	• –	– •		– • (hardware dependins)	– • (hardware dependins)		
Kodachrome profile embedded (depending on scanner - please check homepage)								•	•	•	
Printer-Calibration (optional with v.6.6r1; only in combination with IT8-Calibration possible)								•	•		
Softproof CMYK	•	•			•	•		•	•		
Softproof RGB	•	•	•		•	•		•	•		
Printing Features											
Print options: simple / PrinTao® (simple mode with copy function) / PrinTao® (enhanced print option with layout functionalities)	• – •	• • –	• • –	• • –	• – •	• • –	– – •	– – •	• – –	– • –	• – –
PhotoProof®, always optional	•				•		•				
Productivity											
Auto frame detection	•	•	•	•	•	•		•	•	•	•
Auto frame alignment and rotation								•		•	
Batch processing, Batch scan	•	•	•		•	•		•	•	•	•
CMYK output / RGB output	• •	• •	– •	– •	• •	• •		• •	• •	– •	– •
ColorServer (unlimited folders) / Hotfolder (limited up to 10 folders)	• optional				• optional						
Enhanced zoom concept	•				•			•			
EXIF display	•	•	•	•	•	•					
HiRePP®, High Resolution Picture Performance	•	•	•	•	•	•		•	•	•	•
Individual adjustment of all defaults	•	•	•		•	•		•	•		
IPTC: display, editing	•	•			•			•			
JobManager	•	•			•	•		•	•		
Proprietary RAW data conversion, background processing, camera profiles embedded	•	•	•	– (only Canon)	•	•					
QuickTime Movie Tutorials	•	•	•	•	•	•	•	•	•	•	•
Renaming	•	•	•	•	•	•					
Save and apply settings: of single frames / of all draged frames as a set	• •	• •	• •		• •	• •		• •	• •		
Save custom defaults	•	•	•		•	•		•	•		
Zoom: standard (via magnifyer button) / flexible (via Ctrl-click or pop-up selection)	• •	• •	• •	• •	• •	• •		• •	• –	• –	• –
Importable file formats											
RAW data formats of supported cameras	•	•	•	• not in general, check web	•	•	•				
Kodak PhotoCD data format	•	•	•		•	•	•				
Adobe® DNG input format	•	•	•		•	•	•				
48 Bit RGB TIFF	•	•			•	•	•				
48 Bit RGB JPEG2000	•				•		•				
24 Bit RGB TIFF, JPEG, PSD	•	•	•	•	•	•	•				
24 Bit RGB JPEG2000	•				•		•				
16 Bit Greyscale TIFF	•	•			•	•	•				
16 Bit RGB JPEG2000	•				•		•				
8 Bit Greyscale TIFF, JPEG	•	•	•	•	•	•	•				
8 Bit Greyscale JPEG2000	•				•		•				
Exportable file formats											
64 Bit HDRi TIFF (only with scanners supporting iSRD)								•	•	•	•
48 Bit RGB TIFF: with / without SilverFast adjustments	• •	• •			• •	• •		• •	• •	– •	– •
48 Bit RGB JPEG2000: with / without SilverFast adjustments	• •				• •			• •		– •	
32 Bit CMYK TIFF	•	•			•	•		•	•		
24 Bit RGB TIFF, JPEG, PDF	•	•	•	•	•	•		•	•	•	•
24 Bit RGB JPEG2000	•				•			•			
16 Bit Greyscale TIFF: with / without SilverFast adjustments	• •				• •	• •		• •	• •		
16 Bit RGB JPEG2000: with / without SilverFast adjustments	• •				• •			• •			
8 Bit Greyscale TIFF, JPEG	•	•	•	•	•	•		•	•	•	•
8 Bit Greyscale JPEG2000	•				•			•			
1 Bit Black/White TIFF								•	•	•	•
Plus Upgrade											
Plus Upgrade availability											•
Studio Upgrade											
Studio Upgrade availability		•	• only in combination with DCPro-Upgrade	• only in combination with DCPro-Upgrade		•			•	• only in combination with Ai-Upgrade	• only in combination with Ai-Upgrade
6.6 Upgrade											
Upgrades possible from SF versions 5.5 and versions 6.1 – 6.4 (please check SHOP for details)	•	•	•	•	•	•	•	•	•	•	•
Distribution											
Online-Download	•	•	•	•	•	•	•	•	•	•	•
CD-ROM, full package	•	•	•		•	•	•	•	•	•	
IT8-function: included / optional	• –	• –			• –	– •		– •	– •		