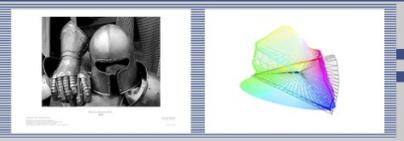
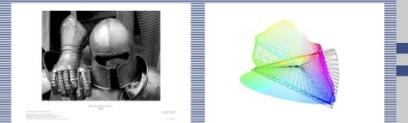


SOFTWARE THAT WE USE:

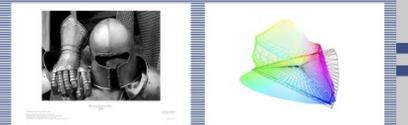
SOFTWARE	EXPIRING USE	SUBSCRIPTION (SUB) PURCHASE LICENSE (PL)	COMMENTS
<i>PC Operating Systems:</i>			
Apple MacOS Monterey 12.6.1		PL	
Microsoft Windows 11		PL	
Android11			May be replaced by Apple technology based on iOS in the future.
<i>Image management and editing:</i>			
Adobe Lightroom Classic 12.1		Sub	Still - next to Capture One - the market standard in the (semi-)professional area with best integrated workflow. All in all, very extensive modules that hardly leave anything to be desired, plus many and very good plug-ins, as well as a direct interface to Adobe Stock, among others. But unfortunately only available as a subscription.
Adobe Photoshop 24.1		Sub	Still the market standard in the (semi-)professional sector. Well developed over the years. But unfortunately only available as subscription.
Adobe Bridge 13.01			Adobe Bridge is quite suitable as a DAM replacement with another image editor like Serif Affinity Photo if there are no excessive requirements and is offered free of charge by



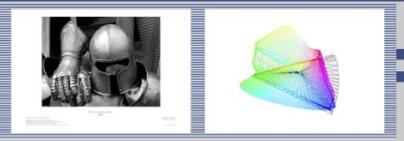
SOFTWARE	EXPIRING USE	SUBSCRIPTION (SUB) PURCHASE LICENSE (PL)	COMMENTS
			Adobe so far.
Adobe Camera RAW 15.1			Very good RAW to DNG converter, for users who want to need to get away from manufacturers own RAW formats.
Capture One v23	x	PL	Very good RAW-converter with many well thought-out functions but with still significant limitations in the DAM-area and problems with larger catalogs, so that after a four-year abstinence from Lightroom-DAM there was now again a return to Adobe. Final trigger here was the changes announced in 12/2022 in the context of licensing.
DXO Photolab 6	x	PL	<p>Very good RAW-converter but still with significant limitations in the DAM area, even if this function has improved from version to version. Very good de-noising function that sets standards next to Topaz DeNoise Ai.</p> <p>The software is, along with ACDSee*, our recommendation if the user does not want a subscription and the license cost of the software product is, in our opinion, reasonable in relation to the performance.</p>
Iridient X-Transformer 2.7		PL	Very good Fuji RAF- to DNG-converter that eliminates the familiar artifacts visible in Lightroom by pre-processing. Highly recommended for users who develop Fujifilm X files in Lightroom.



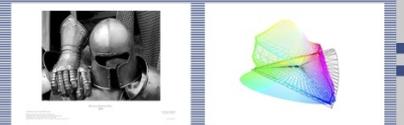
SOFTWARE	EXPIRING USE	SUBSCRIPTION (SUB) PURCHASE LICENSE (PL)	COMMENTS
Skylum Luminar Ai 1.5.4		PL	Luminar Ai is an interesting RAW converter with manageable DAM functions, which is unparalleled in the field of artistic design of photos and also, for example, the exchange of image parts (e.g. sky) very simple and reliable. The software can be used stand alone and as a Lightroom plug-in and has replaced Topas Adjust in the artistic field with us, which unfortunately no longer runs properly under current macOS versions and is apparently no longer maintained by the manufacturer.
Serif Affinity Photo 2		PL	Inexpensive and therefore powerful image editing, which can do some things better than the big brother, but still does not come close to it in many places, especially there are some inconsistencies in the color management, which are difficult to circumvent. Nevertheless, in any case worth a recommendation for users who prefer a purchase license to a subscription and want to be inexpensive on the road.
Serif Affinity Designer 2		PL	Basically, the exact same thing can be said about Affinity Photo. However, we rarely use this kind of design software in the photo sector, and the wide range of functions offered is more than sufficient for us.
Serif Affinity Publisher 2		PL	Ditto as with the designer. Our treasured tool for those infrequent excursions into desktop publishing. However, we are planning to create more photo books in the future and the



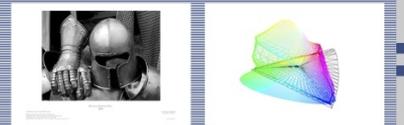
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			focus is on the publisher and we are curious how it fares compared to Adobe Indesign, which we used to use for this purpose in the past.
FastRawViewer 2.04	x	PL	Very fast tool for preselecting and selecting RAW files before importing them into the LR or C1 database. But we hardly ever use it anymore because we now have much more powerful hardware in use and Lightroom has also become much faster to carry out such activities directly here. However, it is still a recommendation for users who are traveling with slightly less powerful hardware.
Topaz Ai Suite (Photo Ai, DeNoise Ai, Gigapixel Ai, Sharpen Ai)		PL	Very good suite for denoising, sharpening and enlarging high quality photos. Standalone software but also usable as a plugin in Lightroom. Unfortunately, Adjust Ai is no longer maintained and crashes directly on the M1 Mac. However, the latter can be replaced by Luminar Ai.
GraphicConverter 11.7		PL	From our point of view, the "Swiss army knife" for a variety of file and metadata operations outside of Lightroom and has been for many years. Thorsten Lemke has developed a tool that we can hardly do without with a lot of commitment and has been continuously improving it for years.
Excire Foto, Excire Search 2		PL	With Excire Foto and Excire Search, the German company has launched two products with Ai-Technology, which



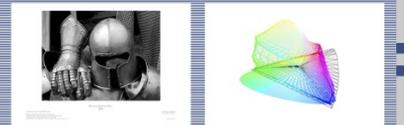
SOFTWARE	EXPIRING USE	SUBSCRIPTION (SUB) PURCHASE LICENSE (PL)	COMMENTS
			provide very good service when tagging photo files, but also when searching. Excire Foto is a stand alone application, while Excire Search is a plugin in Photoshop that runs directly in Lightroom. We have published a review regarding Excire Foto: https://photopxl.com/hands-on-with-excire-digital-asset-management/ .
Photoline 32 v23.51	x	PL	Quite extensive image editing tool, which is based on the big model but can do some things even better than the same or Affinity Photo. The user interface looks a bit old school, but some Photoshop plugins that don't run under Affinity Photo, such as Silverfast SRDx, can be used.
Negative Lab Pro v2.4.2		PL	Lightroom PlugIn, which we have only recently started using on the recommendation of Mark D. Segal , but which has so far shown by far the best results in film negative development and can be integrated almost seamlessly into the development process, apart from the dust and scratch removal which we need to perform in Photoshop with the Silverfast SRDx plugin.
Print-Tools:			
Binartem Qimage One v2022.106		PL	In addition to the QTR Print tool and the Lightroom print module, our most frequently used print tool, with very good



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			scaling and sharpening algorithms. We have published a detailed review here: https://photopxl.com/qimage-software-for-printing/ .
QTR Print Tool 1.07		PL	The QTR Print Tool has perhaps become a little redundant with the appearance of Epson's Print Layout Software, as both products overlap significantly in terms of functionality and the Epson software is also available on Windows, while the QTR PrintTool is still only available on macOS. Nevertheless, we still use it for printing test and patch targets, as well as for prints that do not need to be scaled or additively sharpened.
Scanning Tools:			
Silverfast 9	x	PL	Silverfast 9 / HDR has been the market leader in the (semi-)professional area of scanning software for years, has distinctive color management functions and can also be used for printer profiling. The disadvantage is that you always need a new license for each new scanner model. The only real alternative on the market is the cheaper Vuescan. With the increasing disappearance of high-quality photo scanners, we are slowly phasing out the software with version 9 and increasingly scanning slides and film negatives with the



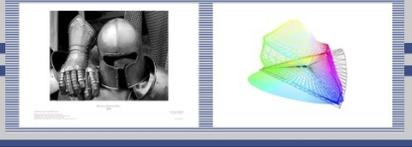
SOFTWARE	EXPIRING USE	SUBSCRIPTION (SUB) PURCHASE LICENSE (PL)	COMMENTS
			DSLM camera and then developing the film negatives with Negative Lab Pro in Lightroom.
VueScan 9.7.96		PL	VueScan has established itself for years as a powerful and inexpensive alternative to Silverfast and supports almost every scanner that has come onto the market. We use it mainly for scanning administrative documents and less in the photo area, since we have been using Silverfast here for many years, which we are gradually phasing out. However, for the fewer and fewer slide and film negative scans with an Epsoms Perfection sV750 Pro flat bed scanner, it should replace Silverfast when it no longer runs in the operating system environment.
Video editing - and cut:			
Wondershare Filmora v12.07		PL	
Camtasia 2021	x	PL	
Other software:			
Nikon Camera Control Pro 2.35.1		PL	Nikon tethering software, which we use for camera digitization of slides and film negatives.



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NeoFinder / abeMeda		PL	Two softwares that we use under macOS and Windows 11 for the management and indexing, as well as data storage and search of administrative PDF files. In addition, both softwares, which are based on the same database technology and can be used in parallel, would also be able to manage and index other file types, such as image data of all kinds. However, we have no empirical values here. In terms of administrative PDF files, both products work very well on a day-to-day basis.
Various color management software			... from Lumariver, Datacolor, Calibrite, XRite, Chromix, QTR, ecetera.

* acdsee Photostudio Professional 2022 and acdsee Photo Studio for Mac 8 differ functionally but are two inexpensive and feature-rich DAM and image editing tools that have been on the market for many years and have constantly improved. Two of our association members use the two products in combination with the Serif products with great satisfaction. Our recommendation if you are looking for a consistently powerful but inexpensive solution without. to achieve the performance of the market leaders in the individual modules.

Status: 01/2023.



TRANSPARENCY:

At this point it should be mentioned that the reports of our association reflect the personal and subjective opinion of our members. We act completely independently and purchase or rent the presented equipment independently. We are not "sponsored" in any way by manufacturers or companies, nor are we financially supported in any other way.

As an "unregistered association" for the purpose of promoting art and culture, we work in accordance with the statutes at no cost and without the intention of making a profit.

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