

ReSe Applications LLC celebrates 20 years delivering remote sensing expert software solutions



*“We stay committed and are
very motivated for another
20 years.”*

Dr. Daniel Schläpfer
Owner and CEO

Data: OSUNA, University of Nantes

This year marks the 20th anniversary of ReSe Applications LLC.

History

Founded in 2000 by Dr. Daniel Schläpfer as a spin-off of the University of Zurich, the company reaches this important milestone on July 1st.

ReSe Applications initially focused its activities on the development and distribution of Dr. Schläpfer’s newly developed PARGE software, the first off-the-shelf direct orthorectification solution for airborne imaging spectrometers.

At the same time, the company released the first version of its MODO software as an addition to the MODTRAN radiative transfer code. This was a major advance as, until then, MODTRAN had been distributed without a graphical user interface.

Collaborators

*“A special thanks goes to
Dr. Rudolf Richter from
DLR.”*

From the whole
ReSe Team

The availability of these software tools attracted the attention of AVIRIS and HYMAP imagery users. Among those interested in using ReSe’s software was the German Aerospace Center (DLR), with its DAIS and ROSIS instruments. A close and enduring collaboration with DLR was established, specifically with Dr. Rudolf Richter, who developed – and continues to develop - the ATCOR atmospheric correction software for remote sensing images.

Back then, ATCOR was already available for satellite systems and the new version ATCOR-4 was in the pipeline, to be released for Airborne line scanners. It became clear to both sides that a close integration between the geometric and atmospheric/topographic correction was the right way to go. A technical interface between the two software packages was developed and both software packages were optimized to work closely together.

Product distribution and costumers

In 2001, ReSe Applications Schläpfer, still operating as a sole proprietorship, signed an agreement with DLR for the market launch and the continued development of the ATCOR software. ReSe then brought both packages to the market: the original implementations of ATCOR-3 for satellite systems and the ATCOR-4 for airborne scanners. In addition, the company signed an agreement with the developers of MODTRAN for the use of the radiative transfer code within ReSe’s software. As a result, ReSe’s software packages grew more and more popular in the community of remote sensing experts.

Over the years, a worldwide network of mostly scientific customers has been established, and it is still growing. The company has continued to advance the development of its premium range of software applications, delivering top-performing off-the-shelf solutions in the area of optical and thermal remote sensing data preprocessing.

Present and future

*“Stay aware, we have
further innovations in our
product pipeline!”*

Dr. Daniel Schläpfer
Owner and CEO

In 2017, ReSe Applications was converted into a limited liability company. Today, ReSe Applications LLC is a highly specialized Swiss company focused on high-end data processing in optical remote sensing.

The ReSe team stands ready as ever to deliver powerful solutions to address new challenges and data processing improvements. And there is so much more for us and for you to look forward to, as we continue to create and build our dynamic pipeline of innovations.

With our special gratitude for these 20 years of confidence and positive feedback,

ReSe
APPLICATIONS

Your ReSe Team

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