Sim4Life

Sim4Life is a desktop and web-based platform for advanced numerical modeling and simulation that integrates a variety of physics solvers with the most detailed functionalized human and animal computational models, including the latest tissue models. Sim4Life has been used by leading scientists worldwide for research over a broad range of applications, such as the design and the safety evaluation of devices interfacing with the human body, or the evaluation of physiological response. The desktop and web versions are identical twins, ensuring seamless compatibility, exceptional responsiveness, and a unified user experience. Users can effortlessly switch between the two platforms for an uninterrupted and smooth workflow.

ZMT offers special Sim4Life licenses to the academic world including both undergraduate and graduate students, as well as scientists in universities and research institutions.

Sim4Life.lite – Student Version

This version enables undergraduate and graduate students to access, run, and share cloud-based simulations from any browser at no cost. The web version provides the same features as the desktop version but offers greater flexibility, is maintenance-free, and is easy to use. Sim4Life.lite provides lecturers with a robust and cost-free tool for teaching electromagnetic field theory, antenna design, or any other topic where numerical modeling is key.
For more information, please contact s4l-sales@zmt.swiss.

Sim4Life University License – Web

The Sim4Life.science platform, natively implemented in the cloud, is developed for non-profit research institutions, providing simulation power at a lower cost compared to the Sim4Life.business commercial counterpart. Sim4Life.science allows researchers to effortlessly share their simulation work within their research groups and benefit from its availability at any time from any device. Go to our new website sim4life.swiss to sign up and start using the web version immediately!

Sim4Life University License – Desktop

The Sim4Life University License is available for purchase with a "University Discount" that may be renewed yearly. The use of the license is restricted to non-commercial activities. Extended 3-year and permanent licenses are also available. Special package arrangements for multiple licenses (10, 20, etc.) can be obtained upon request.

Sim4Life University License – Desktop (nonprofit)

This license is intended for use by scientists who need computational modeling solutions with a selected set of features tailored to their individual research needs. The license is limited to 1 year, is annually renewable, and the use of the license is restricted for research purposes at universities and academic institutes without any industrial partner. The license is linked to a commitment to publish at least one paper per license per year in a peer-reviewed journal and/or conference proceeding.

	Sim4Life.lite	sim4life.science	Desktop License	Desktop License (nonprofit)
Platform	online	online	desktop	desktop
Application	self-directed study education/teaching	research	research	research
Number of Solids	unlimited	unlimited	unlimited	unlimited
Grid Size	max. 20 Mio cells	unlimited	unlimited	unlimited
Solvers	all	all	all	all
GPU Acceleration	no	CUDA, AXE	CUDA, AXE	CUDA only
ViP Human Models*	YOON-SUN	YOON-SUN, DUKE	all	DUKE, ELLA, JEDUK
Python	yes	yes	yes	yes
3rd-Party Tools	no	yes	yes	no
License Duration	unlimited	pay-per-use	1- or 3-year (renewable) or permanent	1 year (renewable)
Pricing	free-of-charge	pay-per-use (university pricing)	university discount	free-of-charge (conditions apply)

* www.itis.swiss/virtual-population