

## SL APPLICATION DEVELOPMENT KIT & SL EMBEDDED APPLICATION DEVELOPMENT KIT

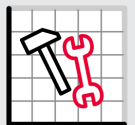
Comprehensive function libraries for your own software



SL products for your workflow



Data Acquisition



Data Management



Modeling



Routine Analysis

### SL Application Development Kit (SL ADK) for Windows Systems

to access finished analytical methods and other content of SL project database files from software programs of third party suppliers or end users.

The SL Application Development Kit consists of several function libraries (\*.dll), which can be used to create a new integrated software application on the SL platform. Software engineers can get a developer license package which contains PDF documents in English for each library as well as a Visual Basic and C++ demo program.



### SL Embedded Application Development Kit (SL Emb. ADK) for Embedded- and Windows-Systems

The ADK Embedded function libraries are available for predictions and outlier diagnostics for Windows- and Embedded Systems on which no CPF access is possible. Binary files are used (applications, methods, models, spectra) that can be exported with the SL Data Manager. A developer license is also available for software developers, which contains PDF documents in English for the individual libraries as well as a demo program in C++ and C#.

## Important functions

Function	SL ADK	SL Emb. ADK
Quantitative prediction with MLR- and PLS regression models including their respective outlier detection	✓	✓
Qualitative prediction with PCA Mahalanobis spheres models (single and multi spheres)	✓	✓
Direct write and read access to spectra series and other CPF database entries	✓	
Special functions to support standardization of spectrometers	✓	
All transformation algorithms of SL Calibration Wizard and SL Classification Wizard for pretreatment of spectra	✓	✓
Programmer examples for integration in Visual Basic and C++ applications	✓	
Libraries for Windows	✓	✓
Libraries for Linux and Raspberry Pi		✓
Support of several embedded controllers on request		✓