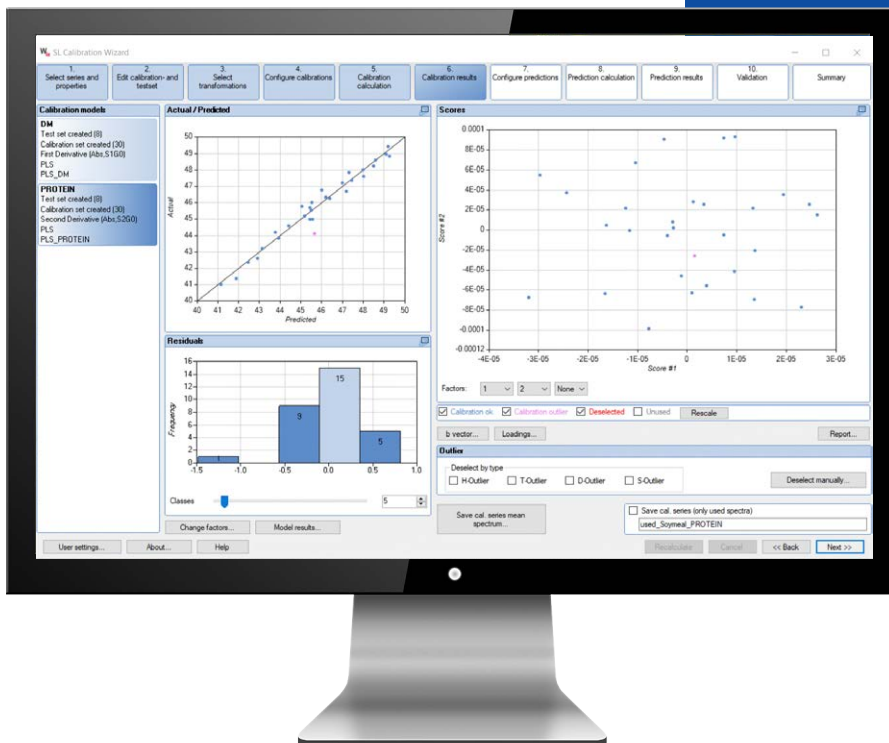# Driving your data forward

SensoLogic software from ZEISS

To control your process effectively and efficiently, you need the right software solution to record spectra and extract vital information. Regardless of whether you're an expert or a beginner, SensoLogic from ZEISS is ideal to make the most of the data obtained from spectrometers and create algorithms and models to make spectral data easily accessible to everyone. Save time and money by using the data you already have to keep a constant eye on important quality parameters and predictions at every step of your process.

»SensoLogic is clever in its modularity and provides optimal user safety thanks to a strict application of ASTM criteria. This means it's not possible to have correlations that cannot exist, which ensures that the models created with the software provide value and meaningful data.«

Dr. Christian Buck
Dr. Buck Prozess- und Onlineanalytik

Seeing beyond

As easy as 1, 2, 3

SensoLogic is with you at every step of the way, helping you effectively and efficiently acquire, manage, model and analyze data.

Step 1: Collect data for efficient modelling and analysis with InProcess
InProcess is designed to optimize your process by making it easy to collect spectra and predict important quality parameters during production with quantitative and qualitative analysis.

Step 2: Manage and customize data with SL Data Manager and prepare for calibration development
SL Data Manager is a database where the spectra recorded in InProcess can be assigned to the reference values determined in the laboratory. The desired data sets can be created and prepared for use in the SL Calibration or SL Classification Wizard. It's also easy and quick to predict new unknown spectra offline.

Step 3: Create a calibration with SL Calibration Wizard or SL Classification Wizard
For both beginners and experts alike, SL Calibration Wizard creates quantitative calibrations quickly and easily. With step-by-step instructions, the software is easy to learn and saves you time when developing calibrations thanks to the automated execution of defined routines and settings. The parallel processing of up to 50 calibration models makes SL Calibration Wizard a powerful and efficient solution.

SL Classification Wizard is perfect for the quick and easy development of classification models for the chemometric identification of different product classes. A step-by-step workflow makes this tool easy for anyone to use.

Step 4: Run models in InProcess with SL ADK Runtime
This runtime engine allows you to use models developed with SL software in InProcess to predict desired quality parameters during production and optimize your production process.

Benefits that simply make sense

- Develop your own calibrations and learn the software quickly and easily thanks to simple and effective guidance, regardless of your skill level.
- Create even more robust and precise calibrations using advanced transformations and statistical evaluations.

- Be certain that the models are valid, thanks to ASTM testing criteria running in the background.
- Make models that work – simply.
- Create models by yourself to keep development costs low.

ZEISS

Seeing beyond