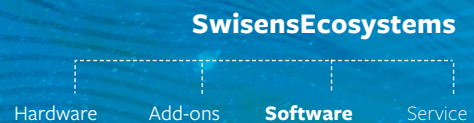


**SwisensSoftware** enables the connection of user, system and data. With our software components you can analyze data, evaluate measurement results, monitor your measurement network and apply machine learning. Swisens software components incorporate all our experience in dealing with BigData, artificial intelligence and the operation of real-time measurement systems.

In doing so, Swisens maintains the philosophy of an open data access, the use of open source technologies and maximum freedom for our customers.



## Swisens DataExplorer

### Intelligent BigData processing

- instant access
- easy data analysis
- AI interface
- Open Source

## Swisens DataAnalyzer

### Intelligent BigData evaluation

- reproducible analyses
- flexible data access
- SwisensDataExplorer integrated
- Open Source

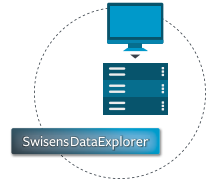
# Swisens Data Explorer

SwisensDataExplorer is a browser-based software with helpful tools for checking measurement results and monitoring hardware components in the SwisensEcosystem. Whether for a single measurement system or a network.

SwisensDataExplorer ensures simple and fast analyses of the measurement data and operating parameters and paves the way for the independent handling of machine learning for all user classes.

## Further Features

- Examination of time series of measurement data and identification results
- Histogram evaluation based on particle size
- Monitoring of operating parameters and retrieval of system status
- Analyze current and historical time series, particle concentrations and data sets



## Instant access

The measured particles and measurement data, can be retrieved and visualized within seconds and accessed browser-based.

## Easy data analysis

The integrated analysis tools allow fast and efficient data analysis. Both locally and via remote access.

## AI interface

Process data sets and train machine learning models - all on one platform.

## Open Source

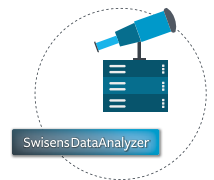
Licensed according to the GLP standard, we make independent optimizations and extended application areas possible.

# Swisens Data Analyzer

SwisensDataAnalyzer is a toolset that enables efficient deep-dive analysis of large amounts of data from our measurement systems. With the ability to measure aerosol particles in real time, we automatically move into a BigData environment.

For advanced data analysis or expressive data visualization, SwisensDataAnalyzer offers a clear and platform independent working environment based on Docker Containers, Jupyter Notebook Containers and Python Modules.

The SwisensDataAnalyzer is the portal to valuable data and a pioneering solution for working with aerosol data for research and development projects. Using the SwisensDataAnalyzer, data analysis is just a few clicks and code lines away.



## Reproducible analysis

Thanks to Docker Containers, data can be analyzed in a platform-independent and reproducible manner.

## Flexible data access

Data can be accessed either from personal computer, external database or directly from a SwisensPoleno.

## SwisensDataExplorer integrated

For fast import and export of data sets from your network or measurement system.

## Open Source

Licensed according to the GLP standard, we make independent optimizations and extended application areas possible.