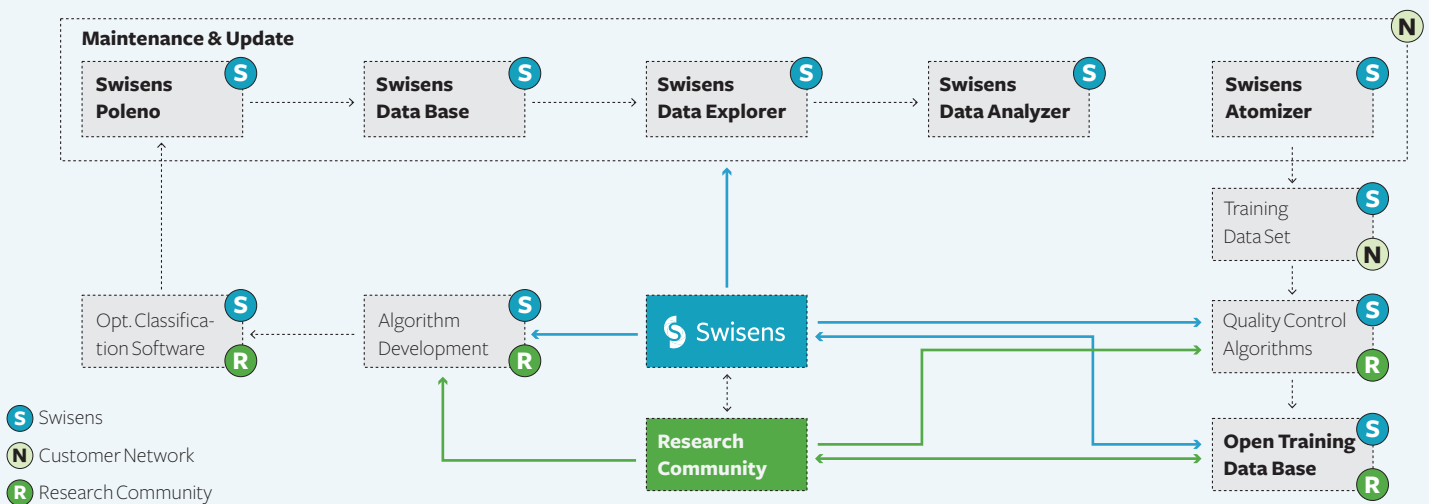


**Swisens Ecosystem** enables you to enter a new era of particle measurement and identification with new perspectives in application. Our customized turnkey solutions create new dimensions in real-time aerosol particle classification.



### Flexible And Optimized Particle Identification

By purchasing one of our solutions for particle measurement, you can participate in the Swisens Ecosystem and benefit from continuous enhancements in classification and from the extension to new particle classes. The built-in flexibility enables customized particle measurement networks to suit individual needs. Swisens Ecosystem provides open access to the Open Training Data Base and allows customers and researchers to contribute to the development of optimized and extended classification software.

### Swisens Ecosystem Services:

- Device maintenance incl. classification software updates
- Training Data Set (TDS) generation
- Development of classification SW for new particles
- Device maintenance and operational training
- Instruction on TDS generation
- Installation and setup of network configuration
- Operation of Swisens Data Base
- Swisens Poleno upgrade
- Support and trouble shooting
- Customer specific adaption on request.

### Open Training Data Base

The Open Training Data Base is hosted by Swisens and provides open access to the Training Data Sets produced by the customer network or Swisens. Customers can restrict access to their own data if desired. From this data collection, new and optimized classification software can be developed by Swisens or the research community.

### Customer Training Data Set

To extend the classification software, additional Training Data Sets are required. The calibration data is used to train the artificial neuronal network. To extend the classification software to include local species of pollen for example, Training Data Sets can be produced on site by every Swisens Poleno with the additional Swisens Atomizer accessory.

### Quality Control

The quality control algorithms are maintained by Swisens and the research community. Swisens Data Explorer and Data Analyzer are useful tools for the visualization and the analysis of the raw measurement data and the results of the identification software.