

## Software products

Selected software products established entirely or partly by Informus GmbH in alphabetical order.

Acronym	Customer	Technology	Name Description
AMTROC	EUMETSAT, Darmstadt, Germany	Python	<i>Altimeter 1D-VAR Tropospheric Correction</i> Software to correct sea surface height (SSH) retrievals from the altimeter instrument onboard Sentinel-3 for the effects of atmospheric moisture.
ANPAC	EUMETSAT, Darmstadt, Germany	Python	<i>Antenna Pattern Correction Methods</i> Implementation of a dynamical look-up-table (LUT) approach to correct space-borne microwave imagery for unwanted side-lobe contributions.
AVAC-S	EUMETSAT, Darmstadt, Germany	IDL	<i>A-Train Validation of Aerosol and Cloud Properties from SEVIRI</i> Software to support the validation of atmospheric parameters derived from MSG SEVIRI observations using A-Train data.
AVAC-X	EUMETSAT, Darmstadt, Germany	IDL	<i>Extension of the AVAC-S Software</i> Enhance the functionality of the AVAC-S software by adding newly launched geostationary satellites and including further cloud validation parameters.
DAQAS	Umweltbundesamt, Dessau, Germany	Java, SQL	<i>Data Acquisition and Quality Assurance System</i> Database-backed system for the acquisition, processing and storage of trace gas observations in a heterogeneous instrumental environment.
GSG-EAD	In-house	VBA	<i>Gewässerstrukturgüte - Erfassung, Auswertung, Darstellung</i> Software to acquire, store, and evaluate field observations of watercourse morphology.

Acronym	Customer	Technology	Name Description
MUDAB Webservice and -client	Umweltbundesamt, Dessau, Germany	Java, SOAP	<i>Webservice und WebClient zur Meeresumweltdatenbank</i> Webservice and -client to provide a user-friendly access to the German Marine Environment Database (MUDAB).
SAVS	EUMETSAT, Darmstadt, Germany	Python	<i>Surface Albedo Validation Sites</i> Generate information on land surface heterogeneity and other parameters for more than 2,000 sites globally for remote sensing validation purposes.
SDB	Senatsverwaltung für Stadtentwicklung, Berlin	MS Access	<i>Strukturdatenbank</i> Relational database to store the results from the monitoring of the morphology of watercourses and lake shores.
SISCAL	European Commission (FP5), Brussels	Java, IDL, SOAP	<i>Satellite-based Information System on Coastal Areas and Lakes</i> Automated processing of water quality information from Earth observation using operational ocean colour instruments.
TopSolar	Deutscher Wetterdienst, Offenbach, Germany	R	<i>Impact of Topography on received Solar Radiation</i> Software to calculate the solar irradiance on arbitrarily oriented surfaces in a rugged environment from satellite observations.