HydroPRO V10 Feature List

General features

Integrated hydrological data management with powerful 4D SQL database

User administration with user and project groups / individual function access

Integrated PDF engine for lightweight document generation

Multilingual, individually adjustable per user

Integrated email client for data export and alarming

Extensive preset options

Data import / export

Manual digitalization from gauge charts

Manual data query via FTP / telnet / modem / satellite-modem

Diagram display of the queried data

Automatic data query via FTP / telnet / modem / satellite-modem

Individually configurable query scenarios and groups

Local data import

Data import from FTP

Automatic data import from FTP / local disk

Station overview of the automatic data query

Local data export

Automatic data export

Individually configurable publication groups

User-specific import / export formats

Data query interface via email

Data query interface via TCP / IP

SFTP-Download / Upload

Import / export of rating curves

Management

Station management with station list and powerful search function

Stations report function with templates

Station document management

Station inventory management

Hydrograph management with station list and powerful search function

Hydrograph report function with templates
Hydrograph document management
Hydrograph inventory management
Display of the station location in Google Maps
Label printing of geographic locations
Management of station inventory with calculation and reporting function
Supplier management for station inventory
Visualization
Multiple diagram with up to 5 curves and table of measurement values
Multiple diagram in portrait format
Tiny diagrams
Yearly continuous curve diagram
Query logbook
View raw data
Compact toolbar with station information
List with current measurement values
Graphical user interface for sophisticated geographical maps with current measurement values
Overview of various system errors and incidents
Configurable diagram templates
Live display of the automatic tasks
Overview of the mutation status of the measurement data
Data manipulation
Manual daily value entry
Station horizon with time scalability
Drift correction
Automatic gap removal with interpolation
Graphical user interface for correction of hydrographs
Automatic correlation of incomplete hydrographs to a reference curve
Calculation
Calculated hydrographs with various functions and parameters
Discharge hydrographs based on the rating curves
Management of time scaled rating curves
Management of time scaled offset curves

Publications
Internal PDF engine for multiple hydrograph charts
Automatic and manual publication of diagram templates
Automatic and manual publication of annual overviews
Automatic and manual publication of current value lists (HTML, XML, CSV)
Automatic and manual publication of geographical maps in HTML
Automatic and manual data publication of all export formats
Security / alerting
Individually configurable alarms and alarm actions
Automatic database backup
FTP database backup
Mirror server functionality for maximum availability
Module water quality / analyzes
Documentation in Progress
Version
Standalone Version Windows / macOS
Server-Client Version Windows / macOS
Hosted Version Windows with Parallels Remote Desktop