

Building AV Reporter Energy Management Software

FUNCTIONALITIES	FEATURES	ENTRANCE PACKAGE
Core application of AVReporter, It provides an interface to AVReporter's reporting and dashboarding module, databases, user settings and management functions	Desktop Manager for AVReporter	Yes
Sending e-mail automatically, scheduling reports, including printing features, etc.	Standard plugins	Yes
Change languages on the go, Change currency on the go	Multinational Package	Yes
Direct communication to measurement devices (Modbus TCP or RTU), real-time measurement readings, controlling functions, virtual meter calculation	Real-time module (with 10 device licences)*	Yes
Creating reports and fast analytics, consumption-pattern monitoring, regression curves, etc.	Basic Reporter module	Yes
Web-based report creation, supervisory system dashboards and monitoring function, Tablet functionality	AVReporter WEBpublisher module	Yes (1 web user)
Mobile Client is able to display the real-time measurement values, controlling switches and manual inputs, browsing Active and Historical alarms <i>*15 quantites allowed per device</i>	Android Mobile Client (Real-time for Android)	Optional

FUNCTIONALITIES	FEATURES	LITE	BASIC	INTERMEDIATE	ADVANCED
Core application of AVReporter, It provides an interface to AVReporter's reporting and dashboarding module, databases, user settings and management functions	Desktop Manager for AVReporter	Yes	Yes	Yes	Yes
Sending e-mail automatically, scheduling reports, including printing features, etc.	Standard plugins	Yes	Yes	Yes	Yes
Change languages on the go, Change currency on the go	Multinational Package	Yes	Yes	Yes	Yes
Opportunity to customise to corporate brand	Brand Package	Yes	Yes	Yes	Yes

CONNECTING					
FUNCTIONALITIES	FEATURES	LITE	BASIC	INTERMEDIATE	ADVANCED
Direct communication to measurement devices (Modbus TCP or RTU), real-time measurement readings, controlling functions, virtual meter calculation	Real-time module	Yes	Yes	Yes	Yes
Direct communication with data concentrators and import measurement data from their onboard memory into the AVReporter database	On-board Data Importer	Optional	Optional	Optional	Optional
Integration of the most common industrial systems through OPC servers (SCADA, BMS, field devices via PROFIBUS, BACnet, LON protocol, etc.)	Connection to OPC server	No	Yes	Yes	Yes
Integration of the most common industrial systems through Redundant OPC servers	Redundant OPC server connection	No	No	Optional	Optional
Integration into the user's Active Directory	Company Integration Services	No	No	Optional	Optional
External ERP, EMS, BMS, Production management systems database connection	AVR Connection center plugin	No	No	Connecting to one system	Unlimited

VISUALIZATION (Report and Dashboard Creation)					
FUNCTIONALITIES	FEATURES	LITE	BASIC	INTERMEDIATE	ADVANCED
Creating reports and fast analytics, consumption-pattern monitoring, regression curves, etc.	Basic Reporter module	Yes	Yes	Yes	Yes
Flexible and easy-to-use energy consumption report creator, for displaying charts on daily, weekly, monthly, annual, etc.	Energy Manager Summary	Yes	Yes	Yes	Yes
Alarm and event browsing management, alert functions	AlarmBrowser Module	Yes	Yes	Yes	Yes
Complex analytics, CO2 emission, GHG, ISO 50001, Benchmark reports against set standards, fully customised financial calculations, forecasting, Key Performance Indicators, unique reports, dashboards)	Business Intelligence module	No	Yes	Yes	Yes
Web-based report creation, supervisory system dashboards and monitoring function, Tablet functionality	AVR WEBpublisher module	Optional	Optional	Optional	Optional
Provides access to HTML5 responsive reports and dashboards in mobile and tablet environments	AVR Manager's Dashboard*	Optional	Optional	Optional	Optional
Generate bills for building tenants based on an accurate record of their energy usage	Cost Allocation and Billing	No	Optional	Optional	Optional
Mobile Client for real-time monitoring and controlling, Alarm browsing features	Android Mobile Client	Optional	Optional	Optional	Optional

*Requires Microsoft SQL Server 2016 Enterprise Edition

HISTORICAL DATA MANAGEMENT					
FUNCTIONALITIES	FEATURES	LITE	BASIC	INTERMEDIATE	ADVANCED
The Time Of Use module can be used to divide the time periods (Peak and Off Peak, First shift, etc)	Time OfUse Module	Yes	Yes	Yes	Yes
Calculate UFER, DCR, Power Factor Inductive and Power Factor Capacitive	UFER & DCR Module	Yes	Yes	Yes	Yes
Creating virtual values based on historic data (CO2 emission calculations, cost calculations, etc.)	Virtual Value Calculator	25	50	Yes	Yes
Data filtering, swapping and validating based on set criteria(s)	Data Quality Manager	Optional	Optional	Optional	Optional
Consistency in monitoring and calculating on-going consumption data	Rollover configurator plugin	Optional	Optional	Optional	Optional
Calculates forecast values, based on specific indicators, e.g. production, temperature etc.	Forecasting Calculator	Optional	Optional	Optional	Optional

ADDITIONAL MODULES					
FUNCTIONALITIES	FEATURES	LITE	BASIC	INTERMEDIATE	ADVANCED
Import data values into the system from desktop application	Desktop Data Editor (Manual Data Entry)	Optional	Optional	Optional	Optional
Import data values into the system from Excel	Excel Data Editor	Optional	Optional	Optional	Optional
Import data values into the system from Windows Phone	Windows Phone Mobile Client	No	Optional	Optional	Optional
Import data values into the system from Iphone	IOS Mobile Client	No	Optional	Optional	Optional
Import weather forecasting data into the system from Webservice	Weather Service Plugin	No	Optional	Optional	Optional