

ReportPlus

The **zonos™ module ReportPlus** enables customisable analytics and reportings for all kind of data gathered by the **zonos™ IoT Platform**.

Details

Extensive monitoring is essential in order to efficiently operate systems with large number of devices and customers. Flexible and powerful analysis resulting in meaningful reports is a key element to do this.



The **zonos™ Module ReportPlus** enables scheduled or event-driven generation of standardized or individually defined analysis and reports. Both design and layout of reports as well as scheduling of execution times are customisable for users.

Features

- Integration with **zonos™ IoT Platform** plus support for optimized data warehouses and other external data sources
- Smart and flexible data analytics and processing
- Reports in widely used formats (e.g. pdf, xls/xlsx, csv, html)
- Interactive and easily customisable dashboards
- Integration in **zonos™** graphical user interfaces



Flexible dashboard design

Numerous components (e.g. tables, various charts, text boxes) enable users to create their own dashboards and reports to follow their business needs. Pre-installed analysis and chart templates make it easy to get started and can be customised if needed.

Flexible report scheduling

Reports can be generated on demand, at a specified point in time or following a pre-configured time schedule (scheduling) via a GUI or a powerful REST API. The execution of a report can e.g. be set to be carried out on the 5th day of a month, daily or according to other criteria. Time zones can be taken into account.

It is also possible to use a calendar-based execution to get e.g. recurring reports for dedicated months or days. Reporting periods can be defined in a flexible way when this is important for reports that cannot be run according to normal calendar intervals.

Use cases

- Overview and analysis on key performance indicators for processes (e.g. data gathering, installation, maintenance, move-in or move-out in case of Smart Metering)
- Analysis of behaviour of customers and devices by applying clustering algorithms or joining data of different data sources
- Prediction of events, alarms or consumptions by using historical information and forecast e.g. like weather information
- Reports on meter reading success rates, on general system status, overview on events and alarms that occurred in the system

Advantages

- A one-stop solution: Tested and integrated with **zonosTM IoT Platform**
- Wide range of pre-installed business area related reports and dashboard components
- Intuitive user interface allowing easy and fast adaption to address customisation needs or changing requirements
- No limitations in the number and type of reports and dashboards

