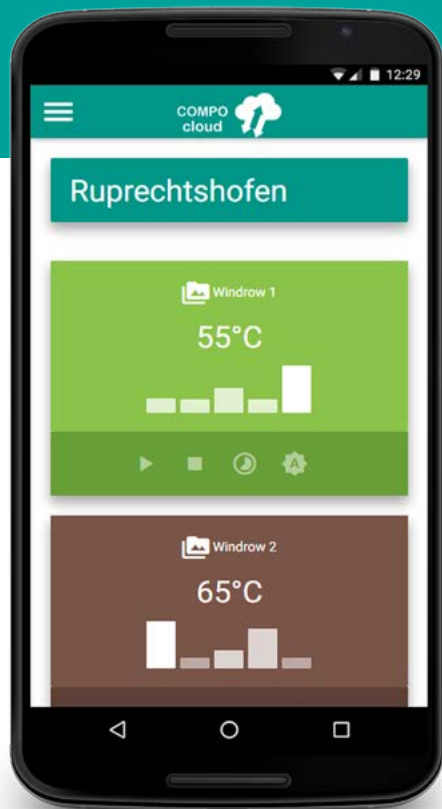


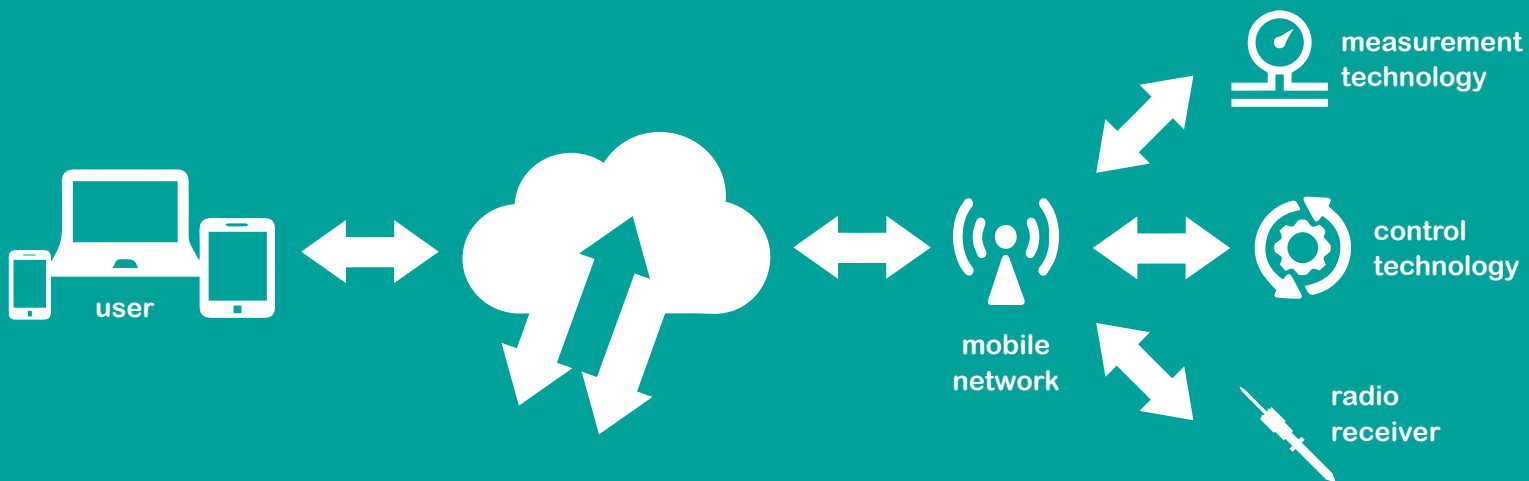
cloud automation



cloud automation offers automation solutions for mobile and stationary use. This makes it the top choice for small and cost-effective plants. The control system is installed locally and can be operated via any internet browser on the PC or via mobile devices.



cloud automation is an automation technology solution which enables the operation of plants via internet browser. Thus the operator can freely choose the terminal device to access the plant and its data. With the flexible web interface, the plant can be operated safely and easily via smartphone, and the plant data can be accessed almost any time anywhere. Remote alarming via email or SMS is also possible. Numerous different languages are supported and more can be added without any problem. All this makes **cloud automation** the modern way to access your plant.



Security

The connection to the plant is established via mobile radio network. For security reasons, data transmission is with SSL encryption. Data are recorded in a mySQL database. The data is stored, replicated and backed up in a data centre.

The operator can configure user management as required.

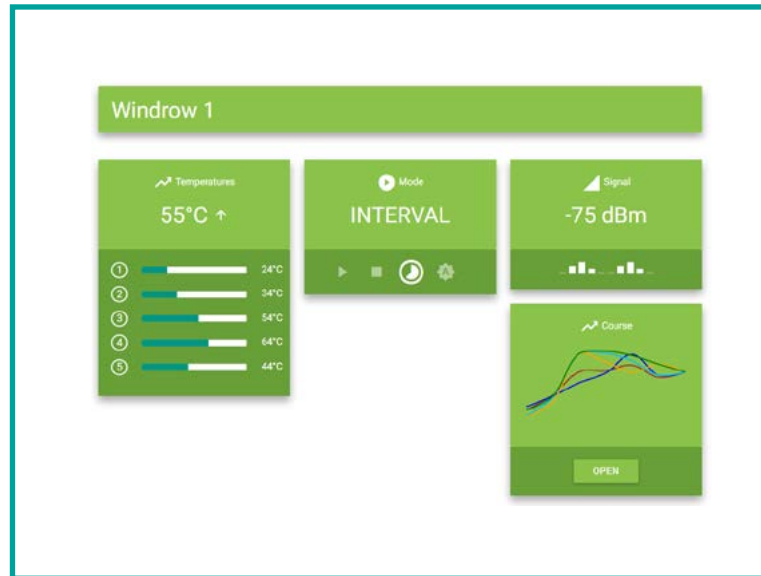
Three different user groups are available for this purpose.

- Operators are authorized to parameterize and operate
- Users are authorized to operate
- Visitors have viewing rights only.



Plant Operation

The plant can be operated via an individually adapted web interface. The local hardware is accessed and controlled directly via an intuitive user interface. The interface has been designed to display all relevant information such as measurement values and messages in a clear and straight-forward way in order to ensure optimal operation. The individual operations are recorded in the database to make the processes traceable.



Data Recording

The recorded data can be evaluated individually in trends. The reporting system works with preconfigured control elements. Depending on the individual plant and on the requirements, additional information is displayed directly at the graphs.



Data Export

The export function enables the export of data to external programs. With just one mouse click on the corresponding control element you can create a CSV file from which the data can be imported into external software like Microsoft Excel or Open Office.

Temperatur 1	Signal	Timestamp	Lüfter [IN/AUS]	Betriebsmodus
-91		17.05.2016 16:59		0 OM_LOC_STP
28		17.05.2016 16:03		0 OM_LOC_STP
27		17.05.2016 12:59		0 OM_LOC_STP
31		17.05.2016 14:59		0 OM_LOC_STP
37		17.05.2016 13:59		0 OM_LOC_STP
36		17.05.2016 13:51		0 OM_LOC_STP
33		17.05.2016 12:59		0 OM_LOC_STP
25		17.05.2016 11:59		0 OM_LOC_STP
28		17.05.2016 10:59		0 OM_LOC_STP
28		17.05.2016 09:59		0 OM_LOC_STP
28		17.05.2016 09:40		0 OM_LOC_STP
23		17.05.2016 08:59		0 OM_LOC_STP
22		17.05.2016 08:25		0 OM_LOC_STP
19		17.05.2016 07:59		0 OM_LOC_STP
18		17.05.2016 06:59		0 OM_LOC_STP
17		17.05.2016 05:59		0 OM_LOC_STP
17		17.05.2016 04:59		0 OM_LOC_STP
17		17.05.2016 03:59		0 OM_LOC_STP
17		17.05.2016 02:59		0 OM_LOC_STP
17		17.05.2016 02:34		0 OM_LOC_STP
17		17.05.2016 01:34		0 OM_LOC_STP
17		17.05.2016 00:34		0 OM_LOC_STP
17		16.05.2016 23:24		0 OM_LOC_STP
17		16.05.2016 22:34		0 OM_LOC_STP
17		16.05.2016 21:34		0 OM_LOC_STP
18		16.05.2016 20:34		0 OM_LOC_STP
18		16.05.2016 19:34		0 OM_LOC_STP



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