

CLOUD SOLUTIONS

In cooperation with Telekom Deutschland GmbH



Jointly developed Cloud Solutions enable users and machine operators to access live and from all over the world status, diagnosis and alarm data of Pfannenberg cooling units through a web browser and also to implement these data into machine control applications.



PFANNENBERG CLOUD SOLUTIONS



Reading
diagnosis and
alarm data



Worldwide
communication



Automatic
services



Saving and
evaluating
LOG-data



Network-
Security



Connection to
machine and
process control

User Advantages and Benefits



Reading diagnosis and alarm data

Pfannenbergs cooling units send the diagnostics (e.g. interior temperature of the electrical enclosure, rpm of the fan) to the cloud. Our software can display this data on the monitor in real-time, thus visualizing the current status of the system.



Worldwide communication

The connection to the cloud makes it easier to access the most important data – from all over the world. Service centres of large machine operators with several subsidiaries can retrieve current data on their monitors or tablets as required and regardless of location.



Automatic services

The system recognizes an upcoming service case and automatically suggests an appointment for the technicians. Hence, appointment planning is made easier, the service intervals are adhered to and the service life of the system is extended. Also, external service companies can be granted access to the cloud so that monitoring by dedicated service providers can take place.



Saving and evaluating LOG-data

The advantage of data that has been collected over time is its comparability and analysability. As a result of historical LOG data, the production processes can be analysed and adjusted if necessary. The analyses created serve as a basis for argument for future technology upgrades.



Network-Security

With the help of the Telekom Deutschland GmbH GSM module included in the delivery, the data can be transferred to the cloud via mobile communication. This data transfer method has the advantage that the external service provider has no access to the internal network in the factory. Additionally, no extra access rights have to be created.



Connection to machine and process control

Pfannenbergs cooling solutions can be integrated into the machine and process flow and thus can be controlled precisely. When planned production increases, the cooling units are “warned” in time, so that developing heat can be eliminated in a way that is gentle to the components and without “peaks”.

Pfannenberg

ELECTRO-TECHNOLOGY FOR INDUSTRY



Pfannenberg Europe GmbH
Werner-Witt-Straße 1 - 21035 Hamburg - Germany
Tel +49 40 73412 156 - Fax +49 40 73412 101

customercare@pfannenberg.com
www.pfannenberg.com