



KEB



COMBIVIS CLOUD FUNCTIONALITY

In industrial environments, the fast and reliable acquisition, storage and analysis of field and plant data are becoming increasingly important. Large amounts of data have to be recorded permanently and stored reliably and securely. Cloud services are scalable and secure platforms that enable access to data from any location. The data can be prepared and made available comprehensively by appropriate services.

CLOUD INTERFACE



COMBIVIS CLOUD forms the interface to transfer data securely into a cloud solution. This icon is placed on the available hardware.

COMBIVIS CLOUD

EXTENSION FOR INDUSTRIAL CLOUD SOLUTIONS

With COMBIVIS cloud KEB offers a software solution to transfer process data securely into a cloud. Manufacturer-independent variables can be collected and stored. The data logger and storage functions of the COMBIVIS HMI platform are extended by connecting a cloud interface.



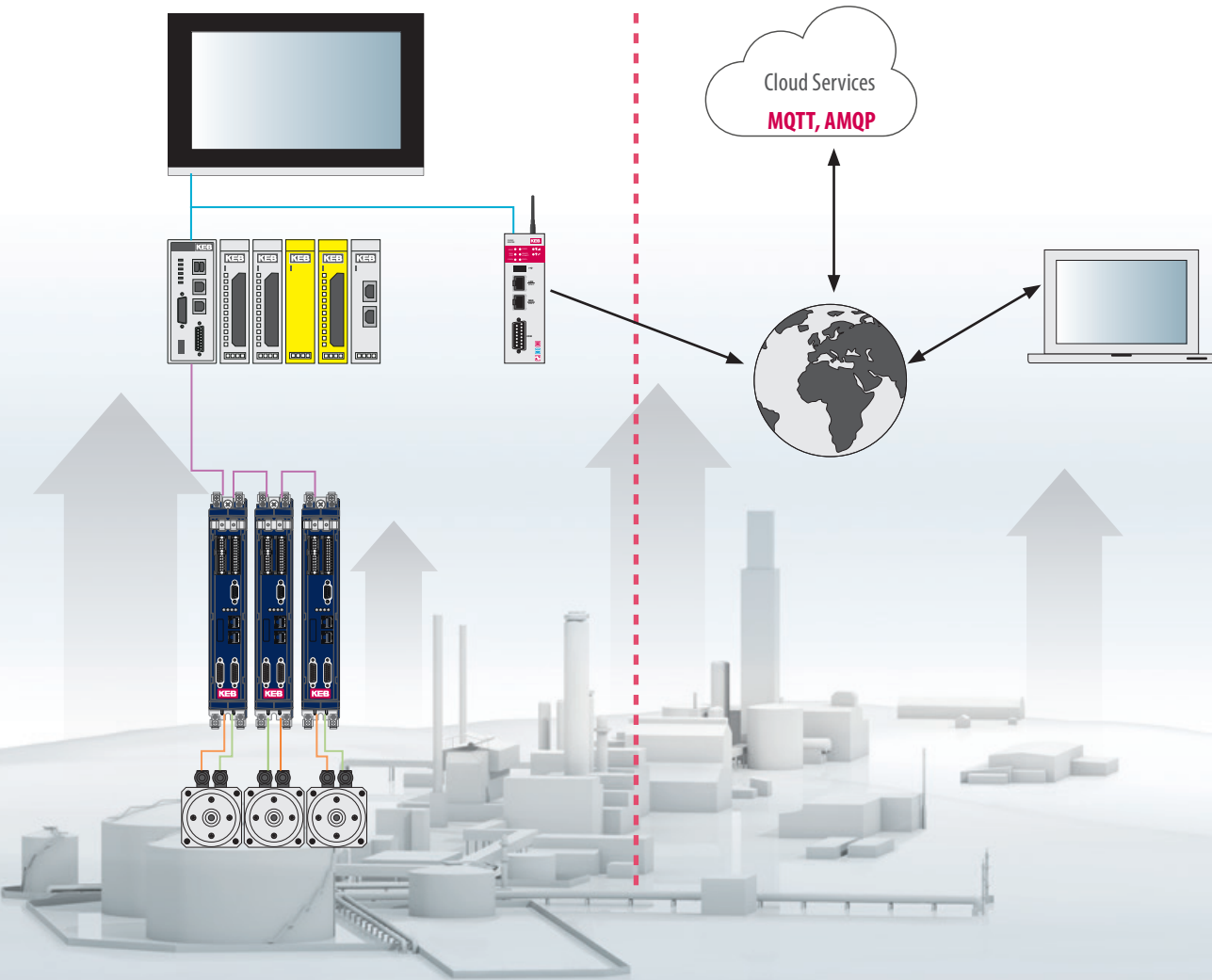
HIGHLIGHTS

- Data logger (with offline function)
- Cloud agent (store-and-forward procedure)
- Secure data transmission
- Standard protocols MQTT, AMQP
- Compatible with a wide range of cloud solutions
- Integration of cloud routers into existing systems
- Cloud Router optional with integrated modem

KEB SOLUTION

INTERFACE

EXTERNAL SOLUTION



DATA LOGGING



In the process of a machine or plant, numerous data can be generated which are recorded by sensors or provided directly by components. The COMBIVIS HMI Runtime has a data logger to record specific data.

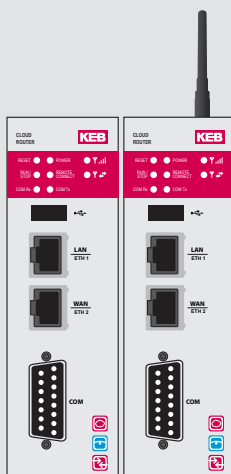
DATA TRANSMISSION



With COMBIVIS cloud KEB provides the interface to an external cloud solution. Using the COMBIVIS cloud functionality, the recorded data can be securely transferred to a stored cloud account.

The implemented store-and-forward procedure allows the reaction to connection gaps by a local buffering of the data in order to avoid data loss. The standard protocols MQTT or AMQT are used for transmission to support a wide range of cloud solutions. The data can be further processed by selecting different cloud services from the respective service provider.

CLOUD ROUTER



The C6 Cloud Router is a system consisting of COMBIVIS HMI and COMBIVIS cloud which can optionally be expanded with COMBIVIS connect. The system acts as an edge device in modern industry 4.0 architectures. Different variants of the Cloud Router are available and can be selected according to requirements.