

# MITA

CONNECT



## MITA Connect Remote management platform

**MITA Connect** allows to supervise operational parameters in real time, to collect big data and for predictive maintenance operations.

All is accessible safely and from anywhere, via the web, app and mobile.

Data is exchanged locally between the equipment itself, field devices and instrumentation, through the unit's control panel via Modbus TCP to the transmission module.

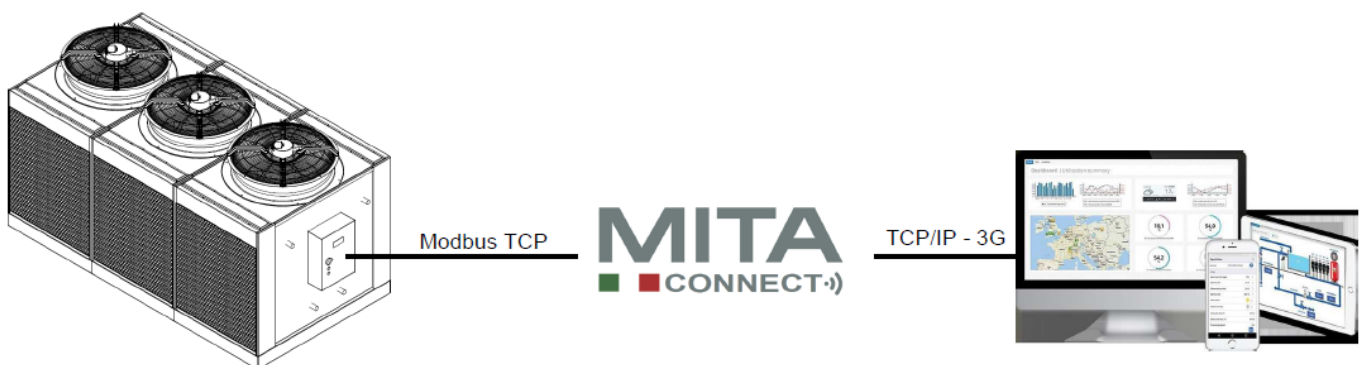
The transmission module then relays data to a remote management platform via a 3G or TCP/IP connection.

### Available data list for any cooler or condenser:

- Ambient temperature
- Relative humidity
- Flow and return temperature
- Flow rate
- Fan power
- Wet/dry mode operation (for closed loop cooler and for condensers)
- Inlet pressure
- Alarms for malfunctioning or temperature levels

### Available functions:

- Visualisation of real time parameters
- Historical data visualisation and download
- Allarm notification by email or SMS
- Log history
- Remote control and set up (temperature, purge cycle,....)
- Geolocalisation



## Scope of supply

The scope of supply is the necessary hardware and software in order to allow for bidirectional data transmission between the cooler and the cloud server. It translates to a data transmission system and a platform service. Data array will depend on available sensor and probes preinstalled on unit type and optional sensors.

MITA's adiabatic coolers and condensers comes with as standard:

- Return temperature probe
- Ambient temperature probe
- Adiabatic air temperature probe
- Fan command signal
- Pump command signal
- Any generic digital input/output from the PLC (valve opening/closure....)

MITA's cooling towers or evaporative condensers, when fitted with MCS control panel come with as standard:

- Return temperature probe
- Fan command signal

The above listed parameter do not require additional sensor since they are already fitted on the standard unit, they only require the **MITA Connect** data logger and a connection provided.

Available optional hardware :

- Flow meter
- Flow temperature probe
- Pressure transmitter
- Motor power meter





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