



Deliver the solution, that Utilities need  
to thrive in a sustainable future



## Company Overview

MetCom Solutions GmbH was founded with the aim to Develop, Manufacture and Deliver innovative Metering Solutions and support Utilities to master their Digital Transformation journey.

## Solution Overview

MetCom Solutions is committed to create next generation of smart technology to enable energy IoT. We are building the bridge towards IoT and creating solutions beyond metering by adding visualization, monitoring & control, connectivity and applications to the energy IoT metering device.

## Solution Portfolio

Our Energy Internet of Things - e.IoT Metering concept is a based in a end-user solution with integrated functionalities to measure precise consumption of appliance in the network and provide detailed data for energy management.

By using Energy IoT Metering Devices the flow of energy and information will be available to build the energy backbone across Smart Grid, Smart Building, Smart Cities and Smart Energy segments.



## e.IoT Solution Application

e.IoT Metering Device is unique solution where utilities will be enabled to combine smart metering applications with customer service and engagement. By using multiple apps utilities will build and run Smart Home, Smart Energy, Smart Grid and Smart Cities Solutions, to achieve an important level of energy efficiency and saving.

## Product Portfolio

Our portfolio facilitate the user decision making and even can resolve situations with automatic actions for improving their energy performance by enabling them to adapt effectively to different conditions or modes of operation.



RESIDENCIAL

### MCS301 for Residential

- ✓ Direct Connected
- ✓ Active Energy Class 1 (B)
- ✓ 3x220/380V, 3x230/400V, etc
- ✓ 5 (80) A, 5(100)A, etc
- ✓ Up to 10 load profiles
- ✓ Modular communication
- ✓ Multiple interfaces combination
- ✓ Extended I/O 's
- ✓ Advanced PQ measurement
- ✓ DLMS and EN62056-21 protocol



C&I

### MCS301 for C&I Segment

- ✓ Indirect CT or CT/VT Connected
- ✓ Active Energy Class 0,5S (C) or 0,2S
- ✓ 3x58/100 ... 3x277/480V
- ✓ 1(6)A, 5(6), 5(10)A, 1(10)A, etc
- ✓ Up to 10 load profiles
- ✓ Modular communication
- ✓ Multiple interfaces combination
- ✓ Extended I/O 's
- ✓ Advanced PQ measurement
- ✓ DLMS and EN62056-21 protocol
- ✓ Optional Auxiliary Power Supply



GRID

### MCS501 for Grid Segment

- ✓ Indirect CT Connected (Essialec)
- ✓ Active Energy Class 0,2S
- ✓ 3x58/100 ... 3x277/480V
- ✓ 1(2)A, 1//5A, etc
- ✓ Up to 10 load profiles
- ✓ Ethernet an dRS485 interfaces
- ✓ Extended I/O 's
- ✓ Advanced PQ measurement
- ✓ DLMS and EN62056-21 protocol
- ✓ Auxiliary Power Supply

### On-board Communications interfaces:



RS485  
Interface



M-Bus  
Interface



RS232  
Interface

### Exchangeable communication modules:



2G Cellular  
Module



Ethernet  
Module



Security  
Module



3G Cellular  
Module



2nd RS485  
Module



NB-IoT  
Module



4G Cellular  
Module



CLO  
Module



Custom  
Module



## Location

Based in Mannheim, Germany about 80 km south of Frankfurt, close to Highway A6. In our head-quarter we have combined Sales, Development, Manufacturing and Service departments.



A team of Industry experts embrace the challenge of Metering, Connectivity and Data Management to deliver „Best-in-Class“ Solutions.



[www.metcom-solutions.com](http://www.metcom-solutions.com)

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