



# OMNICON Multi Utility Controller (MUC)

**kamstrup**

---

## The MUC – a simple solution to a complicated task

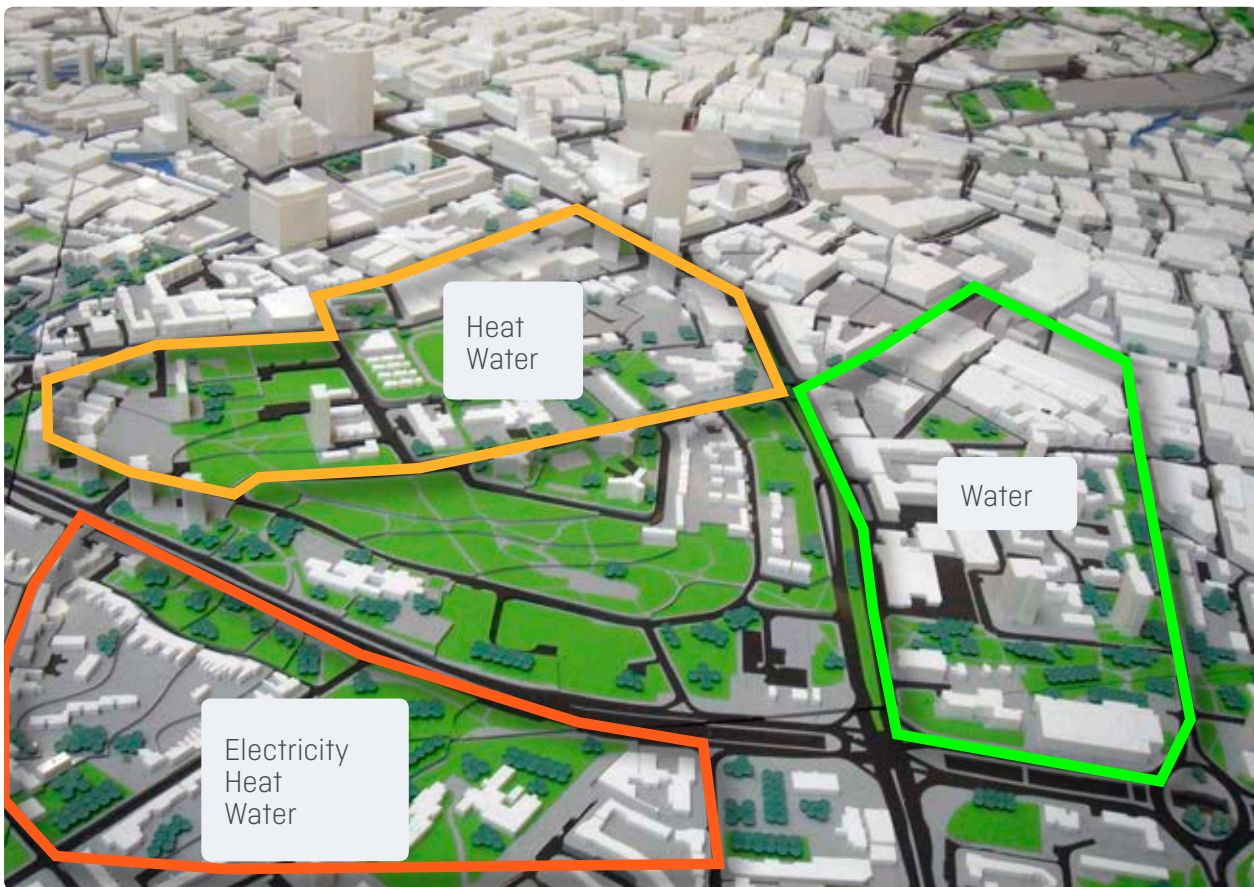
- Full advantage of your AMR system
- Standardized solution
- Plug-and-play installation

## The MUC solves a complicated task faced by many utilities

The stand-alone MUC can be deployed in areas where the utility does not have responsibility of electricity meters.

Creating one infrastructure for transmission of all consumption data makes the MUC a strong solution for multi-utilities and for applications where interoperability between different meter types is required.

Benefit from the standardized solution by becoming manufacturer independent, and mix meters of your own choice.

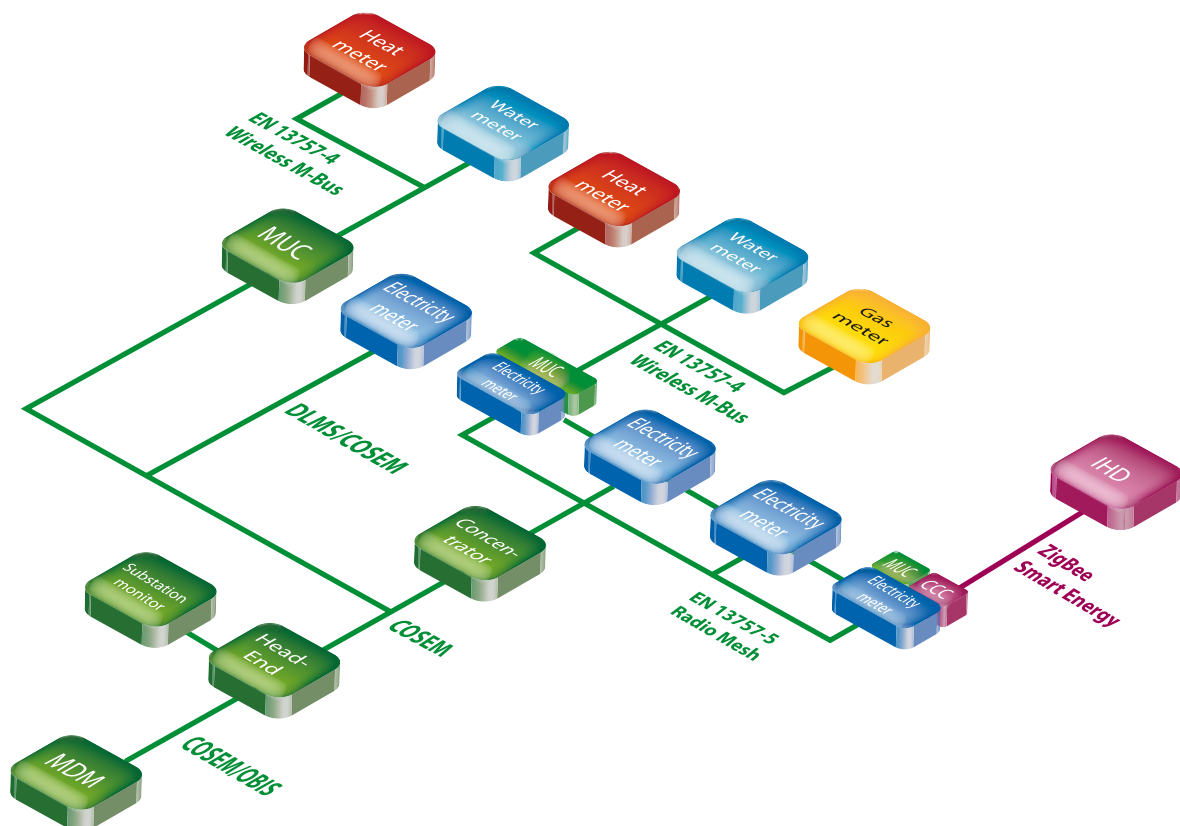


# The MUC – how to integrate it into your system

The figure shows a complete view of the whole system. The MUC will be a part of the existing network.

By combining the Radio Mesh Network or GPRS Network with Wireless M-Bus, you obtain the perfect combination of wireless media. The Neighbourhood Area Network (NAN) is based on Radio Mesh technology, and the Home Area Network (HAN) is based on Wireless M-Bus technology.

The MUC solution binds the different networks together in a perfect match.



The MUC shown in a data system both as integrated in an electricity meter and as a stand-alone device.

# Getting started with MUC

It is possible to read all MUCs by both radio and GPRS.

When installed in an electricity meter, the MUC will use the integrated radio in the meter, or it can be a GPRS variant.

The stand-alone MUC can be with either radio or GPRS communication.

## Facts about MUC

- Multi-utility reading of up to 24 heat, cooling, water and gas meters
- Solution based on European standards
- Safe solution with encrypted data
- Logging of hourly or daily values from the connected meters
- Combine Radio Mesh Network with Wireless M-Bus
- Plug-and-play installation

## Four MUC types

- OMNICON MUC for RF (module)
- OMNICON MUC for GSM/GPRS (module)
- OMNICON Connect MUC for RF (stand-alone)
- OMNICON Connect MUC for GSM/GPRS (stand-alone).

## Supported meters

- OMNIPower meters
- MULTICAL® 21, 61, 62
- MULTICAL® 302, 402
- MULTICAL® 601, 602
- MULTICAL® 801
- Heat, water and gas meters from other manufacturers

## Supported systems

- OMNISOFT UtiliDriver®
- OMNISOFT VisionAir

## Kamstrup A/S

Industrivej 28, Stilling  
DK-8660 Skanderborg  
T: +45 89 93 10 00  
F: +45 89 93 10 01  
info@kamstrup.com  
kamstrup.com

Think forward