

emeus[®]

transparency with system



the solution for the acquisition
of energy consumption
and cost control

*With emeus[®] building operators, renters and tenants
are on the save side.*

*Take advantage of the consumption costs transparency
and control for the saving in energy.*

To account consumption costs in a transparent and legally



For the comfortable operation of buildings vast amounts of energy are needed. The steadily increasing energy costs are getting a more and more important factor for the economic efficiency of a real estate. An accounting dependent on consumption offers an enormous saving potential for energy without high investments.

The use of a customary meter for heat quantity alone however, is insufficient for the accounting of ventilation and air conditioning plants as well as refrigerating plants, which are used by a community. Due to the temporally variable operation by the different users, their energy consumption also has to be captured and dynamically allocated in terms of time.

emeus[®] – a new approach to the acquisition of energy consumption and to cost control

emeus[®] is a microprocessor-controlled system for consumption, cost acquisition and accounting for all kind of energy and media in your building. It captures all consumption and operation data and is able to create the accounting for your energy consumption at any time.

Individually adjusted to your application and to the specific installation engineering in your building, emeus[®] is able to dynamically record and allocate all energy and media consumption in the fields of heating, ventilation, refrigeration, sanitation, and electrical engineering, according to the consumption of the specific users. emeus[®] works autarchic and corresponds to all counter brands. Consumption analyses can be performed at any point in time, for example in the event of a change of tenants or a change of charges.

An entire transparency and control of the consumption costs and an enormous cost saving compared to customized manual meter reading, will get you competitive advantage in the fierce battle over the property marked. emeus[®] enables you to realize potentialities for optimization in time, and thus to actively reduce your utilities and common charges.

General agreements due to missing acquisition and allocation techniques and thus disputes about excessive accountings of consumption costs are consequently a thing of the past.



secure way – but how?

example: energy benchmarks store unit 200 m²



Good news for estate operators and users:
finally a transparent and legally secure consumption accounting

No building resembles another building. Therefore the planning of the accounting fields and the choice of a suitable allocation system for the specific installation engineering is of vital importance and part of the achievement portfolio of emeus®.

First a planning for the field of accounting is created. This planning constitutes the basis for your individual transparent and legally secure allocation system – for each installation system installed in your building. All existent or new consumption meters of your heating, ventilation, refrigeration, sanitation and electrical systems will be integrated.

The emeus®-ventilation and air conditioning technology-module continuously captures the distribution of the air flow volume in the whole ventilation system. Using those calculated dynamic contribution factors, the energy amounts used for air conditioning are prorated to the several users.

The emeus®-refrigeration-module permanently detects the user-specific energy consumption; the dynamically detected costs for the refrigeration are also reckoned up with the energy consumption.

The parameterization of the emeus®-controllers as well as the commissioning of emeus® is performed by skilled, qualified personnel and is documented by reference measurements according to DIN EN 12599.

*Interfaces will be individually configured for you via Internet, e-mail or Ethernet.
So that the good news will reach you.*



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*energy and media acquisition and allocation system
applied for an international patent in February 2006*

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