

## Fields of application



### Holiday parks

Insight and control of what happens in accommodations on a holiday park is important for both park manager and technical service engineers. Problems in technical installations come to the surface in time and can be solved quickly and elegantly. Guests don't even have to notice these problems.

Management of accommodations, like setting thermostats and other equipment, can be done from a central location.



### Hotels

In ICY-CC settings of various devices in different rooms can be adjusted from the reception. Settings of devices can be linked to the booking system, so devices are only switched on in those rooms that are being used.



### Camp sites

In ICY-CC it is possible to assign an amperage limit to specific caravan or camper pitches. It is also possible to see how much energy was consumed on a specific pitch. That way it is possible to charge a guest for the amount of energy he has actually consumed.

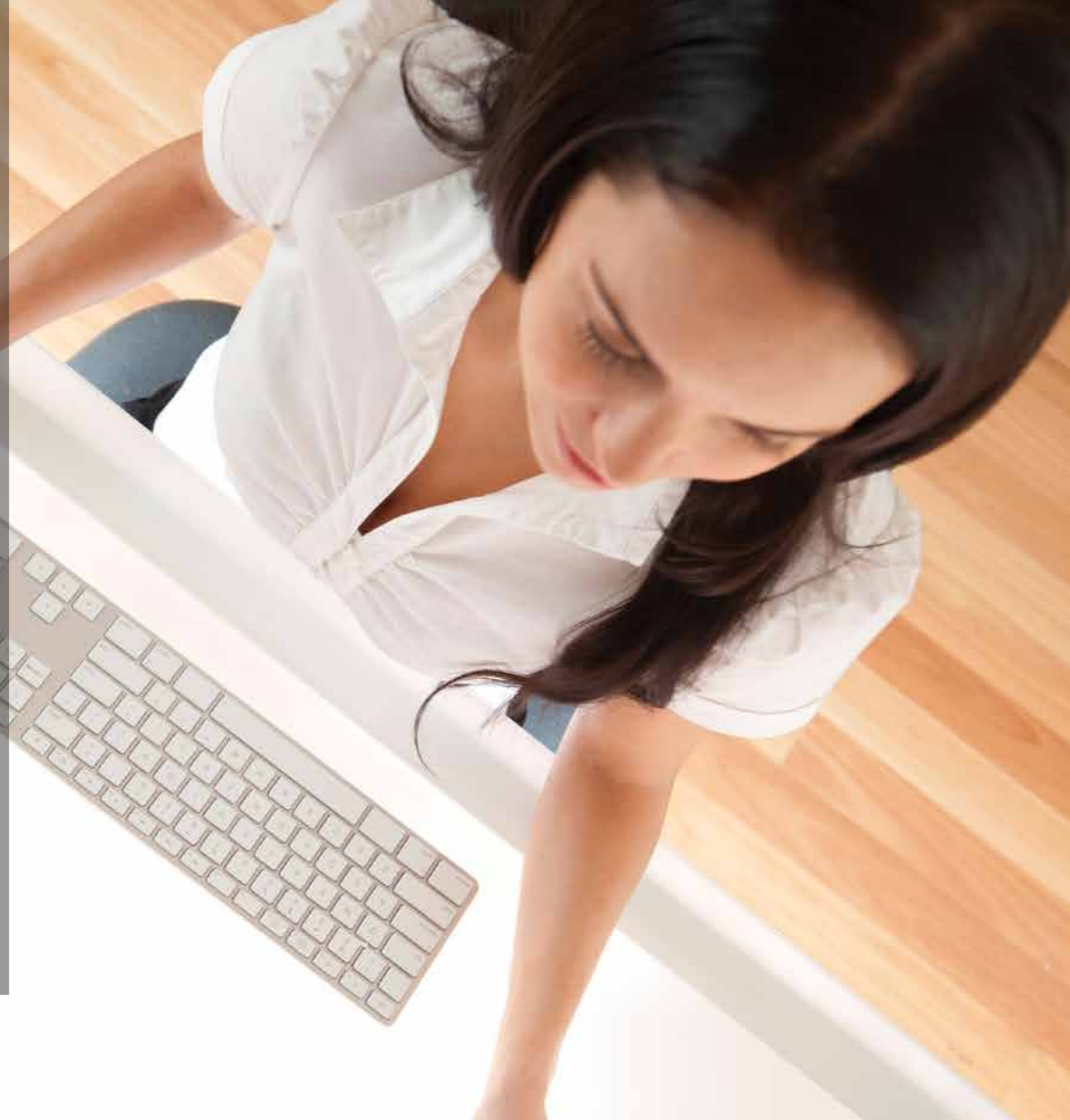


### Factory halls

In different halls or parts of halls thermostats can be used to control temperature. By programming work schedules for those thermostats, only those places where people are working will be heated. This can all be set in ICY-CC from the office.

### Other fields of application

Besides above listed fields of application, ICY-CC is ultimately suitable for student accommodation, sport halls, schools, offices, etc.



# ICY Control Center



# An elegant and easy to install wireless system



Complete control of your holiday park, camp site, hotel or company from wherever you are. It's possible with ICY Control Center.

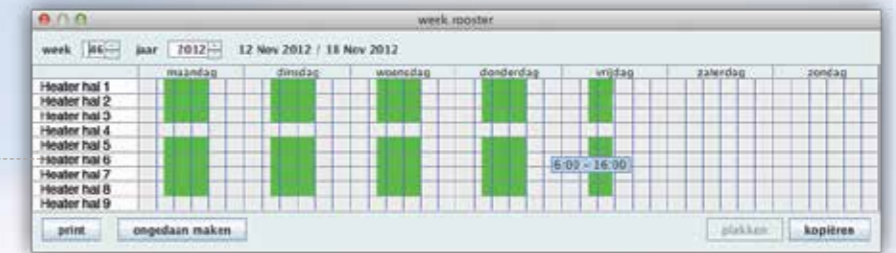
ICY Control Center is the software application that gives access to devices fitted with an ICY-Net module. In ICY Control Center settings and data can be read and controlled.

This software is web-based, so you can log in to your system from anywhere.

- Control devices from a central location
- Insight in energy consumption
- Alarms and notifications directly visible
- Easy to implement in existing buildings
- Reliable fault-free network

● **Clear overview of locations** Locations with ICY-Net equipment are shown on a plan of your company or in a grid. By clicking on the icons of those locations you get direct access to the equipment that is installed on that location.

You can choose names for locations, so they are easily recognizable for you.



● **Easy programming of work rosters or bookings** You can program the occupancy of a room or accommodation in the booking system of the application. That way the system knows what mode the thermostats are supposed to be set to and what the priority is in solving problems on different locations.

If you already have an existing booking system, in most cases it can be plugged into ICY-CC.



Datum	Locatie	Apparaat	Alarm
5/12/2012	villa 25	transceiver	spanning onderbroken
5/12/2012	bungalow 10	pressiostaat	CV Waterdruk laag
5/12/2012	villa 4	pressiostaat	CV Waterdruk laag

● **Alarms directly visible** At the bottom of the screen you can find a list of active alarms on locations. Problems with equipment or alarms like smoke, heat or motion can be found here.

As soon as a problem is solved or an alarm reset, it will disappear from the list. The alarm history can be saved.

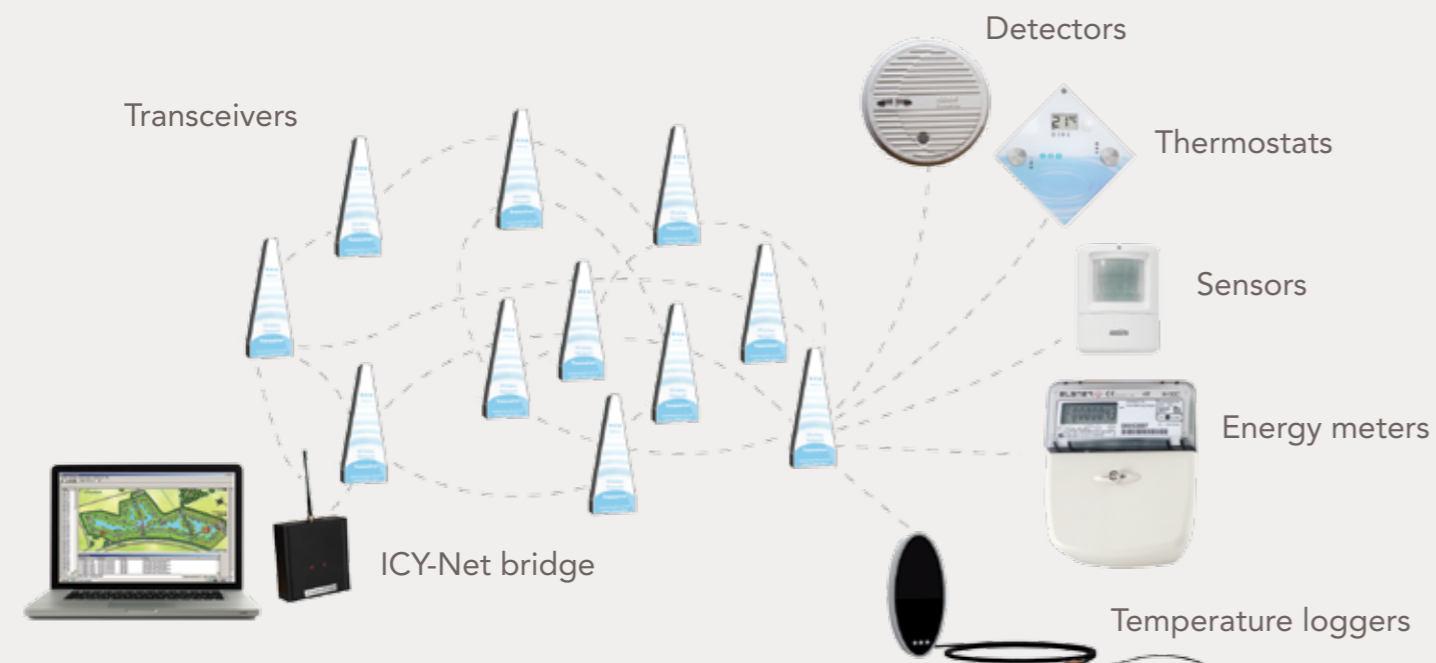
● **Peak Management** If you would like to avoid all heating systems to start heating at once, you can apply Peak Management.

This module in ICY-CC regulates the heaters so that accommodations or locations are heated in phases. This way you avoid peak load on the energy network.

## How does the network work (ICY-Net)

ICY-Net is a patented application of a so called "Hopping Network". A special communication protocol makes it possible for data to hop a random number of times from transceiver to transceiver. The distance the data has to travel as well as the routing of the data don't have to be programmed or known ahead of time.

This feature makes it a reliable fault-free network that is very flexible and is easy to expand.



## The Transceiver

A transmitter/receiver that enables communication between different locations as well as communication with devices on a specific location. The device is also fitted with a frost alarm and a power cut alarm.

## The ACU

A control unit that can control various things within an accommodation. This unit can be build and extended with different modules.

Among other things it is used to read energy meters and to switch electricity groups.

