



**think further in
home automation**

**Since more than 20 years, IP,
Ethernet and web technologies
have transformed the world.**

**Catch the wave and control
your appliances, distribute
audio and secure the living
environment of your loved ones.
Install easy to use IP based
home automation.**

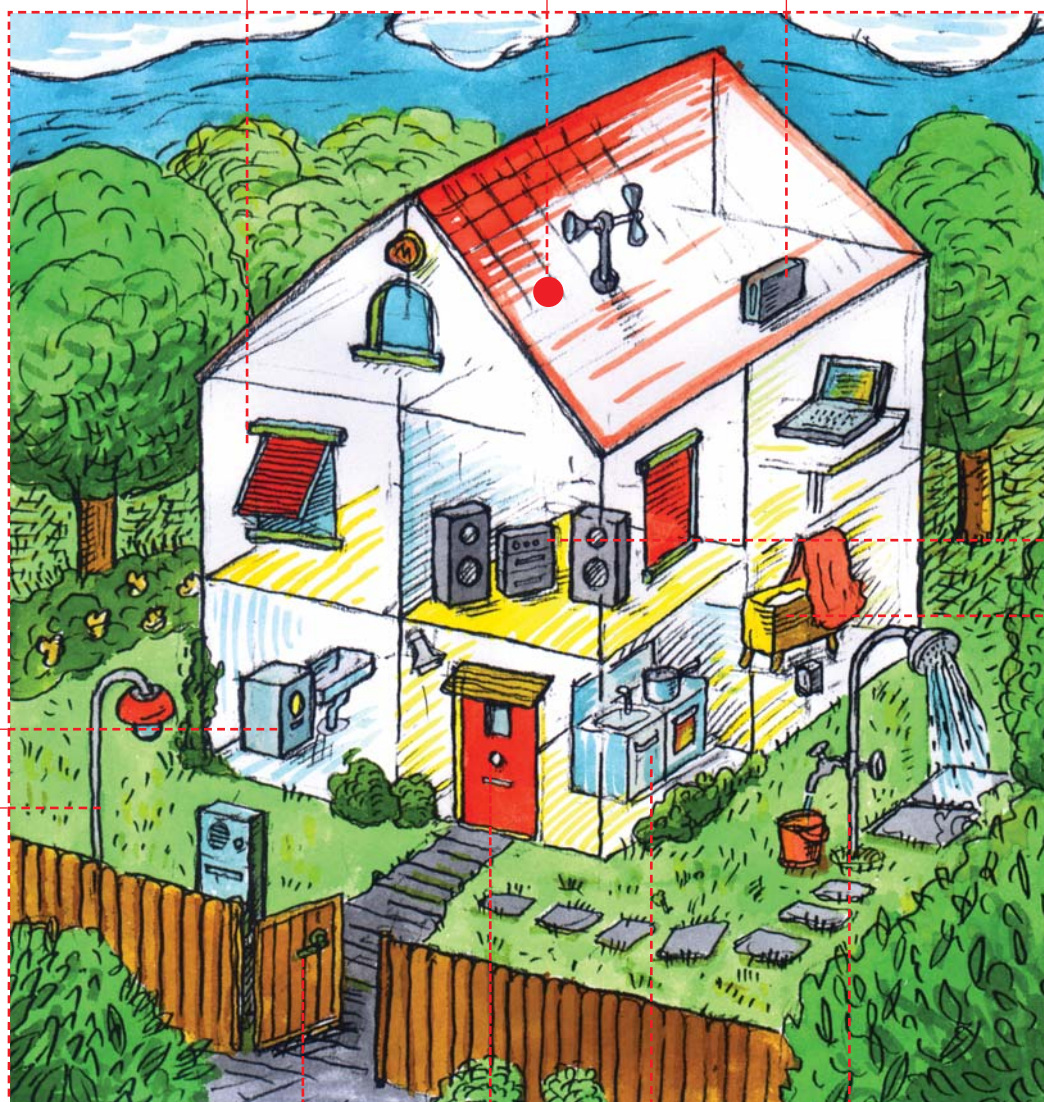
Make it happen with Barix !

networked control, audio and security solutions for **your home** by Barix®

All Barix products use a built in web server for control and status and connect with various interfaces to a central server running third party home automation software. Thanks to local intelligence, network communication capabilities and the possibility to program the devices in an extended BASIC dialect, they can even operate if the central server fails !

Barionet controls shades, connects light sensors and measures room temperature. All data is available to the home automation software.

Barionet in the attic connects a weather station via its serial ports, measures temperature, detects water (leaking) and connects the optical alarm.



Sensors connected to Barionet detect leakages and monitor appliances, such as washer, dryer and freezer.

Garden lights, light level sensors and motion sensors can easily be interfaced by Barionet to switch lights as needed.

Barionet controls and monitors audio devices with I/R output, RS-232 and RS-485 interfaces. In addition, other devices, such as power sensors, can be connected to the digital inputs.

Annunicom digital intercom can be used as a network-based baby-phone and you can decide where to route the audio signals from the baby room.

In the kitchen, Barionet controls the coffee machine, connects smoke and temperature sensors and interfaces ovens.

At the entrance, Defconlock controls and monitors the door, connects to common readers and performs access control functions. For typical applications, Annunicom can be used to control/open the door and provide intercom functionality.

In the garden, Barionet controls the irrigation system, measures outside temperature and can feed back water usage.

stand-alone control, audio and security solutions for **your home** by Barix®

All Barix products use a built in web server for control and status. Thanks to local intelligence, network communication capabilities and the possibility to program them in an extended BASIC dialect, they can be used stand-alone without central server software !

Barionet measures light and temperature, is commanded by switches and controls the shades. Shades can also be controlled with the built-in webservice in the home or from the internet.

Barionet in the attic connects a weather station via its serial ports, measures temperature and detects water (leaking). It provides the weather info on the network to other modules like the shade controlling Barionet.

Washer, dryer and fridge can be supervised by Barionet, which can issue a local alarm if certain conditions are met.

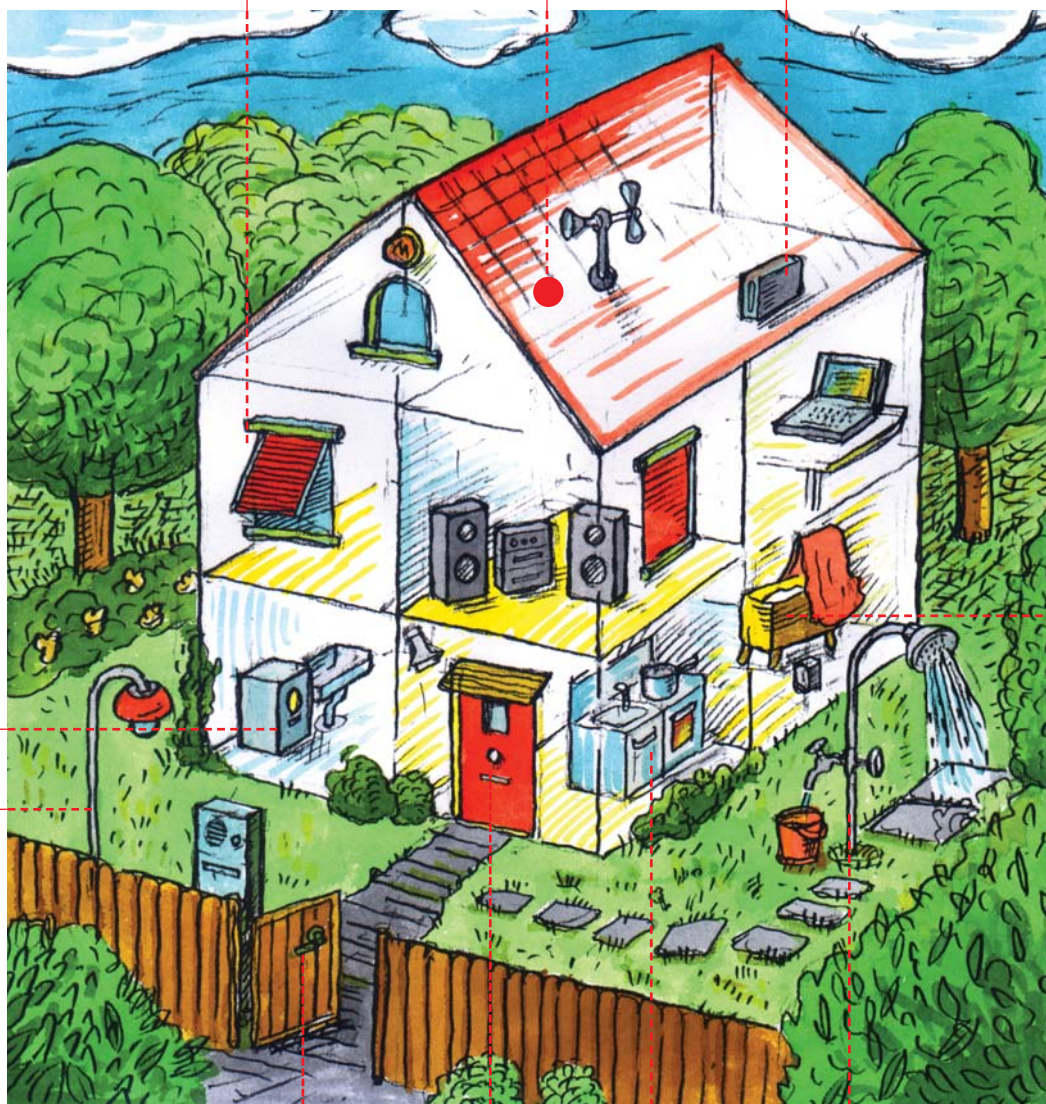
Garden lights, light level sensors and motion sensors can be easily connected to Barionet, which can be programmed in BASIC to control the lights.

Annunicom digital intercom is used as a network-based baby-phone. Audio from the baby room can be streamed to all Annunicom stations in the home.

In the kitchen, Barionet controls the coffee machine based on programmed schedules, connects gas, smoke and temperature sensors and issues an alarm via horn if there is a hazardous situation

At the entrance, Defconlock connects to common readers and door mechanics and controls and monitors the door stand-alone. New ID's can be added using a webservice, log files can be emailed or kept in the unit. **Annunicom** can be used for audio intercom purposes.

In the garden, Barionet is programmed to control the irrigation system, depending on temperature, soil humidity and weather data from the weather station. Parameters can be set by the user via web server.





Annunicom IC

Network based, stand-alone Intercom system

The Annunicom® IC is a network-based remote door intercom, public announcement, emergency call and paging system with key and voice activation. It features fast setup, operation over existing network connections, flexible use and easy handling and reconfiguration using

a browser. The Annunicom IC can work with other Annunicom devices in a stand-alone configuration and can also interface with your PC. It features screw terminal connectors for power in, two buttons (talk, door/alarm), one relay (for door strike or alarm), one speaker, powered or unpowered microphone as well as a standard microphone jack and two RCA connectors for line level audio in and out. The Annunicom ships with a quick install guide, network cable, serial cable, two audio cables, an earbud and a power supply.



Barionet

Universal network enabled automation interface

The Barionet™ is a universal, network enabled automation interface, monitoring appliance and visualisation system featuring a 10/100 Mbit Ethernet connection, built in web server for control, management and programmable in a BASIC dialect. The device features screw terminal

connectors for 12 configurable I/Os, 2 relays (5 Amps), two expansion bus connectors which can also connect to remote sensors, and two independent serial interfaces (one RS-232, one RS-485/422). On top of the standard TCP/IP stack, various host interfaces (SNMP, SOAP, cgi, Modbus/TCP etc) are supported for easy interfacing to host applications. The unit runs off most common power supplies with its 9-30V DC input range.



Defconlock

Network enabled security controller and monitoring system

The Defconlock™ is a network enabled security controller and monitoring system replacing a whole security setup (controller, panel, network interface, alarm and computer) making it a cost effective solution. A universal reader

interface, multiple inputs and outputs allow an easy connection to most common readers (Proximity, ID cards, fingerprint etc), door locks and sensors. The device features screw terminal connectors for 12 configurable I/Os, 2 relays (5 Amps), two expansion bus connectors and two independent serial interfaces (RS-232 and RS-485/422) for readers. The Defconlock's standard functionality is extensible by the user thanks to the programming capability in BASIC. Reader protocols and host communication protocols for online applications can be programmed by the installer. The unit runs off most common power supplies with its 9-30V DC input range.

Barix AG
Wiesenstrasse 17
CH-8008 Zürich
Switzerland

T +41 | 380 78 50
F +41 | 274 28 49

www.barix.com
info@barix.com

Scandinavian Main Distributor:

Scandinavian Technology AS
Berg Gård
2056 ALGARHEIM
Norway

Tel: +47 63926560
Fax: +47 63926579

www.scandinavian-technology.com
firmapost@scandinavian-technology.com

For further information, please check out the detailed product information available online at www.barix.com/products

Please also check our "distributed audio overview" at www.barix.com/products