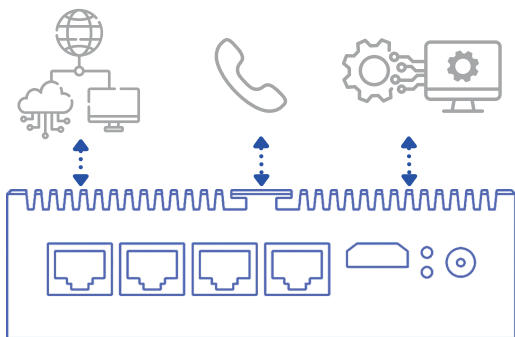


all-in-one platform "SDK"

networking phones automation



abilis "SDK"

Get in touch

Email : info@antek.lv

Website : antek.lv

Location : Skunu iela 13 - 10, LV-1050
RIGA, Latvia

Automation that:

interacts with router
and phone system

is responsive down to
10ms

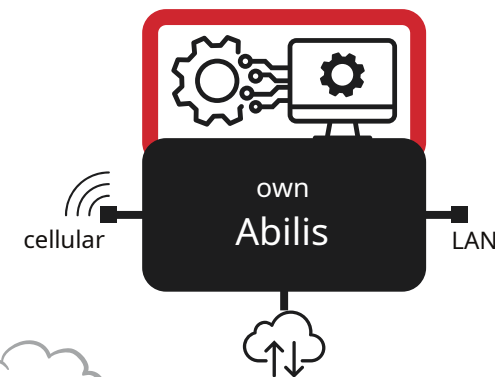
is programmable with
LUA and spreadsheets

stores events in a
database

remembers and can
use past values



Visit antek.lv



Private automation
the sunny alternative!



Let your automation controller
Be your own router, perfectly
interconnected with all networks
and under your full control.

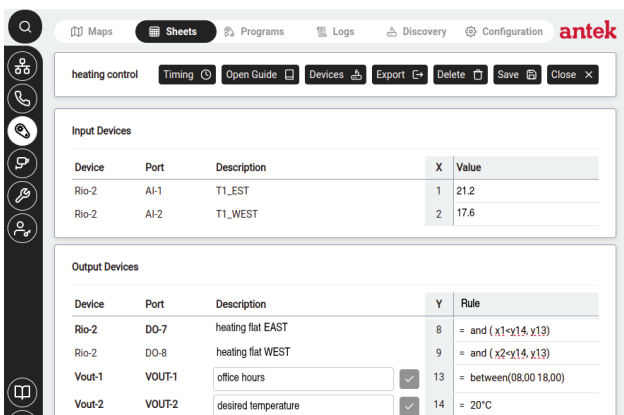
Automate your systems privately!

Why choose abilis?

You seek a reliable, long-term solution that does not depend on a potentially **evanescent cloud**.

You want to build your automation solutions **autonomously**, having the right to talk to your **private manufacturer** to solve problems or bugs and to discuss requirements not yet supported in the current firmware.

You want the freedom to **use your preferred sensors and actuators**, and simply seek the best solution to manage them and to store the readings in a reliable data-logger



The screenshot shows the 'heating control' configuration page in the abilis web interface. The page has a navigation bar with 'Maps', 'Sheets', 'Programs', 'Logs', 'Discovery', and 'Configuration' tabs, and the 'antek' logo. Below the navigation bar, there are buttons for 'Timing', 'Open Guide', 'Devices', 'Export', 'Delete', 'Save', and 'Close'. The main content area is divided into two sections: 'Input Devices' and 'Output Devices'. Each section contains a table with columns for 'Device', 'Port', 'Description', and 'Value' or 'Rule'.

Device	Port	Description	X	Value
Rio-2	AI-1	T1_EST	1	21.2
Rio-2	AI-2	T1_WEST	2	17.6

Device	Port	Description	Y	Rule
Rio-2	DO-7	heating flat EAST	8	= and (x1<x14, y13)
Rio-2	DO-8	heating flat WEST	9	= and (x2<x14, y13)
Vout-1	VOUT-1	office hours	13	= between(08,00 18,00)
Vout-2	VOUT-2	desired temperature	14	= 20°C

Our solution

To equip the **abilis router** with several slave units acting as hubs for **cabled or wireless, analog or digital** sensors or actuators.

The abilis does all the work: sending commands to the field, receiving readings as soon as there are new events to record and storing them in a Database.

The whole job is done by abilis.

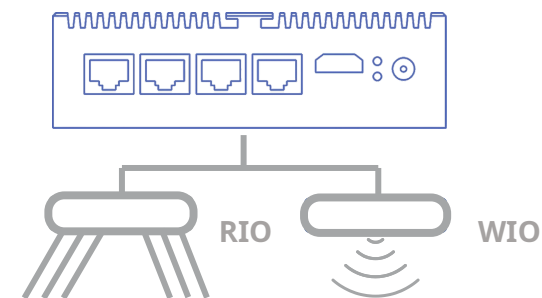
■ Total Control

Everything can be done via web pages embedded in abilis: from discovering the connected hubs, to setting-up their ports, to drawing user panels, to writing automation rules.

In case you require to control multiple installations, the **abilis VPN** is ready !

■ Cost Reduction

With its extended functions, abilis turns minimal sensors into smart ones, thereby permitting system's simplification and pushing costs down.



■ Custom Automation

Automation functions can be written in LUA.

Non-programmers can anyway write complex automation rules using a web-spreadsheet linked to sensors and actuators. Out of it, Abilis creates the LUA code automatically.

■ Also phones can be automation devices

Abilis enables using phone calls to drive actions, thus creating an alternative to depending on a smartphone's **APP**.