adquio

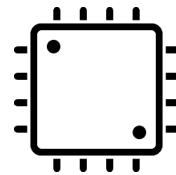# Key points of the adquio ecosystem

You like it for ...

PROCESSOR

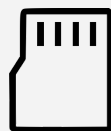Its 4-core ARM processor, gives it a power far superior to traditional PLCs

OPERATING SYSTEM

All the power of a full integrated Linux operating system

PROGRAMMING LANGUAGE

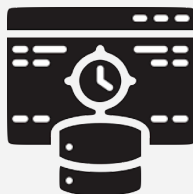JavaScript programming, a free, open and easy-to-learn language.

LOCAL STORAGE

Save the collected data on a micro SD card, if the internet fails, it has 32GB of space (Supports up to 128).

SIMPLICITY

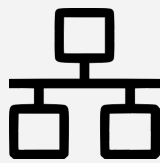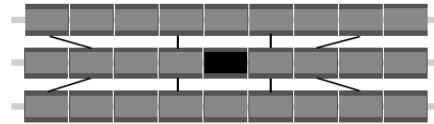No software is necessary for programming, simply a browser

CACHE

Cache in variable management, this speeds up processes and allows not waiting for the buses

![adquio logo]

It is very well connected ...

EXPANDABLE

Up to 8 direct lateral expansions, also tree expansions to other DIN rails. (adquio pro and adquio lite)

LAN

3 Ethernet LAN ports, (Only on adquio pro and lite) Support of Modbus TCP, BACnet IP and MQTT.

CONNECTED

Conceived to always be connected to the internet, if the installation does not have a wired network, 3g / 4g networks can be used (with additional hardware)
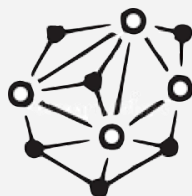
ACCESS POINT

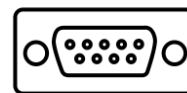Integrated Wi-Fi for an easy and fast configuration without cables

PORTS

4 ports 485, each one supports the Modbus RTU and BACNet MSTP protocols, all work concurrently, (up to 250 devices per port)

OWN PROTOCOL

Own communication protocol between adquios which allows distributed facilities

adquio

For your safety...

FIREWALL

Integrated firewall, protects the installation from internet threats (in models adquio pro and adquio lite)

UPS

Integrated UPS for up to one minute of operation without external power, and orderly shutdown of the system (adquio pro and lite)

ELECTRICAL PROTECTION

Supports voltage spikes and change of polarity, (self-resetting fuse). Automatic power on after failure

UPDATED

Always up-to-date, both in security patches and new functionalities

ALARMS

The alarms of the installation arrive in real time to the email of the person in charge immediately

adquio

For its openness ...

ANY API

Access to any API, SQL Server, etc. that is supported under GNU / Linux (Requires project and additional study)

API REST

API Rest for free and free access to any adquio variables

COMPLETE SOLUTION

Complete ecosystem, data collector, actuator and web platform to exploit them, both included in the product.

TRAINING

Training available from free of charge on the web adquio.com both in text format with examples as in video tutorials

adquio.com

![adquio logo]

It makes it easy for you ...

REMOTE WORK

Programming remotely and naturally, it is not necessary to go to the client installation.

ACCESS TO YOUR PLCS

It acts as a gateway to the automation installation, allowing you to connect with PLCs from other brands as if you were in front of them.

SCADA

Scada Cloud that allows you to view or act on any installation variable from a simple browser.
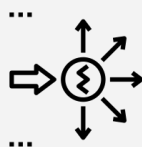
And for your programmers ...

TEAMWORK

Team programming, several people can work on the same adquio collaboratively and concurrently.

DEBUG

Allows debugging, for faster and more effective programming

EVENTS

Programming through variable events, calendar events and timed events

EXCEPTIONS

Exclusions and inclusions can be made in calendars to contemplate exceptions