Energy AUTOPILOT

Energy Autopilot: Intelligent Energy Management with local control & explainability

What it is, how it works and what it does for your energy bill

energyautopilot.com · info@energyautopilot.com

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IN ONE LINE

Convert a *passive* home solar/battery system into an *active power plant*

We automatically control your solar, battery, EV charging and other large energy loads, to keep your energy bill as low as it can possibly be. We explain all of our plans and all of our decisions.

If you want this to happen with no effort and no decision-making on your part... you can!

If you *do* want to adjust the control settings we use... you can.
If you *do* want to go even further, and change our underlying control scripts... you can.

Automatic

No effort needed from you

Explained

Every plan and decision, in plain words

Yours to adjust

Change any setting, any time

ON BOARDING

Getting Started is as easy as 1, 2, 3!

1. Plug our tiny **Servo** in to the back of your Internet router, in seconds. No switches or settings, just plug it in.

2. Log in to our online Flow Management System (FMS), let it discover and connect to your energy resources, and fill in a few details about your site.

3. You're done! Sit back and watch Energy Autopilot measure, plan, and act - to continuously minimise your power bills.



Servo on-premise hardware device
(Matchbox for scale)
Plug-and-play installation in seconds

ARCHITECTURE · LOVE ALL, SERVE ALL

Any energy retailer.
Expanding support for battery & solar brands, EV charging.

Any energy retailer

- Traditional Time-of-Use (ToU) Plans
- Dynamic Price Retailers (e.g. Amber & similar)
- Easy Tariff Selection and Editing

Working today

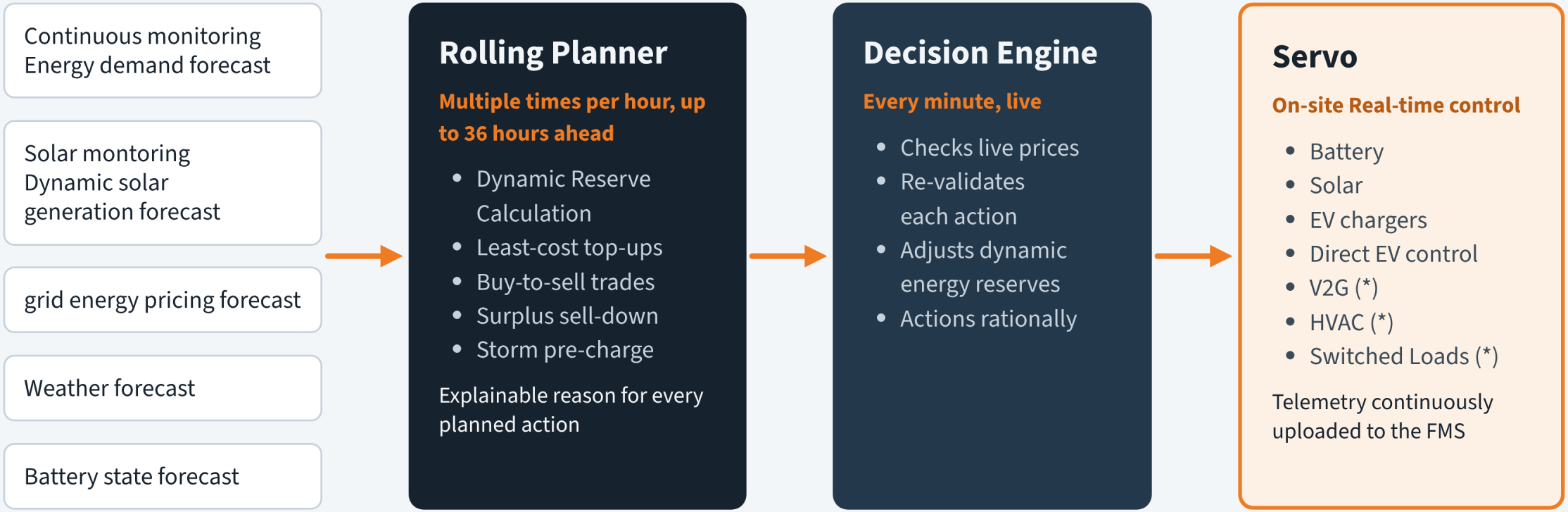
Battery: Victron, Sigenergy, Deye and rebadges, Sungrow, SolarEdge, Fronius ; More coming, check our web site.

EV: Expanding list of MODBUS and OCPP compatible chargers.

Direct Tesla charge control over Bluetooth (any charger)

INTELLIGENCE · HOW IT WORKS

Forecasts → Plan → Decision → Realtime Control



Measured results flow back to your dashboard and into tomorrow's forecasts.

(*) Features on the roadmap, coming Real Soon Now

WHY IT IS BETTER

Advantages of our hybrid architecture

Dimension	Energy Autopilot	Cloud-only, multi-cloud based optimizers
Explainability	Rules-based optimizer that records the reason for every decision	Black-box decisions owners can't follow
Control path	Direct local control in seconds, no vendor cloud fees	Multi-cloud creates risks of network faults, vendor cloud degradation or disappearance, and punitive vendor cloud access costs
Scope	Whole home: battery, solar and EV today; hot water, HVAC and other controllable loads next	Mostly the battery; hard to coordinate battery, EV and load management holistically via disparate clouds
Grid safety	Local protection of the main breaker and export limits via direct local device control	Slow to act on site loads, creating risks around circuit breaker trips and missed opportunities
Retailer	Any retailer, time-of-use or dynamic	Typically tied to one retailer
Hardware coverage	Any device with a local control API	Only brands whose clouds support this operating model
Who keeps the upside	The customer: 100% of savings and earnings, beyond our subscription	Often shared with an aggregator, VPP operator, or retailer

HOW IT IS SOLD

A low-cost device and a simple subscription

Servo Hardware

$199*. Plug-and-Play in seconds.

OR

BYO Raspberry Pi and download our free RPI Servo version instead

Retail Subscription (Freemium)

Full platform access for a trial period, then free and paid tiers.

* AU$199 including GST and shipping in Australia; Comparable pricing in other markets

ROADMAP

What we have in the pipeline

Vehicle-to-grid

Support for V2G chargers and vehicles, supporting both AC and DC V2G devices

Network interaction

Grid-operator interfaces (e.g. IEEE 2030.5 / CSIP, OCPP): flexible export limits and demand response.

Dynamic load control

On-site optimized, dynamic control of HVAC, hot water, pool pumps and other large loads.

Smartphone apps

Putting the plan, outcomes, and notifications in your pocket.

Wholesale API

Retailers, VPPs and OEMs can use our technology to achieve brand-independent control and monitoring of consumer energy resources. Overcome issues with vendor clouds (high cost, performance issues, platform decay)

WHO BUILDS IT

Architected and built by industry experts



Simon Hackett, Founder and CEO

Serial entrepreneur. Founded Internode in 1991 (exited to iiNet in 2011); Moved to a focus on the design and development of battery energy control systems. Deep understanding of innovative hardware and software systems, systems architecture, technical support, and customer service.

Jay Banyer, Senior Software Engineer

Creator and co-founder of **ChargeHQ** (acquired by Amber Electric); clean energy tech since 2017 at AGL, UPowr and Amber; 13 years in high-frequency trading systems.

Justin Hawkins, Senior Software Engineer

Distinguished engagements at Internode, Redflow and Swoop; owns the platform architecture.

Matt Altus, Embedded Engineer

Owns the Servo's Yocto operating system build and hardware interfaces.

Energy AUTOPILOT

Your Own Power Station: Enabled
Your Outcomes: Fully Explained.
Your Lower Energy Bill: In your hands.

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