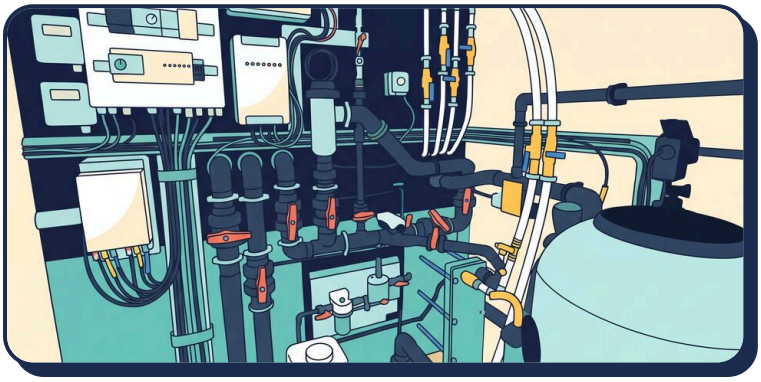
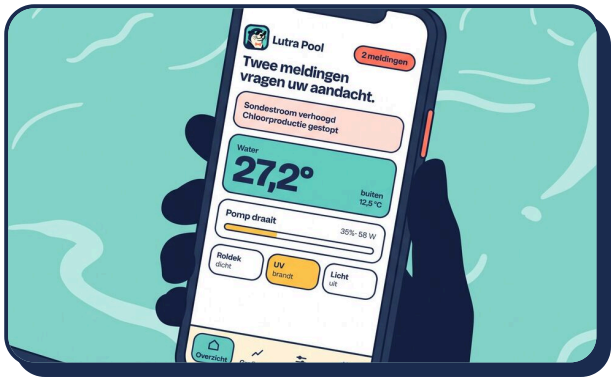
1 · Pool control

Every device works. But nothing works together.

The heat pump has its own app, the filter pump runs on last summer's schedule, chlorine and pH sit on a small display in the plant room. Lutra Pool brings all the pool technology together on an industrial PLC and one clear screen, on top of the equipment that is already there.





1

Scheduled circulation

Variable speed pump on a schedule, strong when needed, near silent the rest of the time. Power use and pressure are tracked continuously.

2

Wired heat pump

It only starts with proven flow and stops at the target temperature. Warm when you swim, frugal when you don't.

3

Backwash in one tap

The screen flags rising filter pressure. One tap, and pump and valve run the whole cycle by themselves.

4

Smart with energy

Heating and filtering on cheap electricity or solar power, in step with the heating of the house.

5

Water quality

Your controller keeps measuring and dosing. We read pH, chlorine, ORP and salt and bring them together in one log.

6

Cover, swim jet, lighting

The PLC checks every combination. No swim jet with the cover closed, never two movements at once.

An industrial PLC

A PLC on the DIN rail in the plant room, with watchdog and fail-safe. SELV outputs to double insulated relays, hardware and software safeguards.

Open by design

Connects via Modbus or another, preferably standardised, link. Send us brand and type number and we check the connection for free.

Modbus · KNX · 0-10V · API

Always local

Everything runs on your own network. Without internet the pool carries on safely. Access away from home and the daily AI analysis run through Lutra Care.

Reference: our reference pool in Santpoort-Zuid, the Netherlands. Every software version runs there first, before it goes to a client.

2 · Interface design studio

A pool screen that belongs to the place.

For villas, hotels, public pools and yachts we design custom interfaces. One clear screen in the colours of the place, that a caretaker, hotel guest or lifeguard understands without explanation. It works without internet, together with the climate, lighting and energy of the building.



Private villas

In the style of the house, down to its name and logo if you like.

Hotels and resorts

A simple mode for guests and staff, with only the buttons they need.

Public pools

One overview for the team, with every alert in a single log.

Yachts

The same idea on board: a calm screen that does not depend on a connection.

One system, three faces



How we work

1 Listen

The place, the people who use it and the technology already there.

2 Design

The client's colours, typography and words, tested on screen.

3 Connect

On our PLC or on existing systems, after checking every device.

4 Maintain

We design, build and maintain everything ourselves. No reseller.



For pool builders, landscape architects, installers and pool service companies

Lutra Pool can be delivered under your own name and logo. We supply the preprogrammed PLC, the software and a tailored installation manual. You keep the client and the service.

Lutra Pool

lutrapool.com/en
Designed and built in the Netherlands

3 · Products and partners

Three versions. One system.

From a module for an existing pool to the entire plant room of a villa. Everything runs on the same software, with the same app and the same dashboard.



Lutra Butler

For existing pools and new builds

A compact module on the DIN rail. Butler reads your equipment and adjusts it wherever the device allows this via bus or network. No 230V work, only a network and bus cable.



Lutra Complete

Lutra Butler with a prewired control cabinet with relays, for new builds and renovations

A prewired control cabinet with relays that orchestrates the entire plant room, including devices without a bus: pool cover, counter-current, backwash and lighting.



Lutra Custom

For villas with extensive home automation

Several pools or a spa, lighting scenes via KNX or DALI, an extensive plant room. After an assessment, you receive a tailored quotation.



Lutra Care

The butler thinks ahead.

- Daily AI analysis of your pool
- We actively keep an eye out for anomalies
- With your consent, your pool builder can keep an eye on it too

For builders, installers and service companies

Your brand in the app. All your clients' pools in one overview.

Give your clients one elegant app under your own name, or monitor all the pools you maintain remotely with Lutra Insight. We supply the preprogrammed hardware on the DIN rail and the tailored installation manual. You keep the client, the service and the maintenance.

Integration check first

Pass on the make and model number of the equipment. We establish precisely and free of charge how each integration works, before you quote.

Lutra Insight

All your pools. One dashboard.

With Lutra Insight you see at a glance how all your clients' pools are doing. Every morning an overview is ready showing what needs attention, before your client even calls.

MORNING OVERVIEW 07:00

Pool De Vries · Haarlem	Salt cell delivering 20% less than in May	26,8°
Villa Jansen · Heemstede	Filter pressure rising: backwash this week	28,1°
Villa Duin · Bloemendaal	All in order	27,4°

- Works with every Lutra module, from Lutra Lite to Lutra Custom

Roeland Landegent

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Lutra Pool is a brand of Neurendal BV

Piscine Global, Lyon, 17 to 20 November

Let's meet there: tap my name in the event app and choose "Meeting". Or join the webinar in English on 24 or 26 November at 10:00 CET. Scan to sign up.