



MACHHUB

Connect Once. Build Anything.

Data Centre Management System

Built on MACHHUB

machhub.dev

DATA CENTRES

Know what every rack costs you.

Power, cooling, UPS and PUE on one screen, from the rack inlet up to the site meter. Your halls, your thresholds, your tariff, on a server in your own building.

EFFICIENCY

PUE, live

Against the baseline you started from

LOAD

kW split

IT, cooling and everything else

HEAT

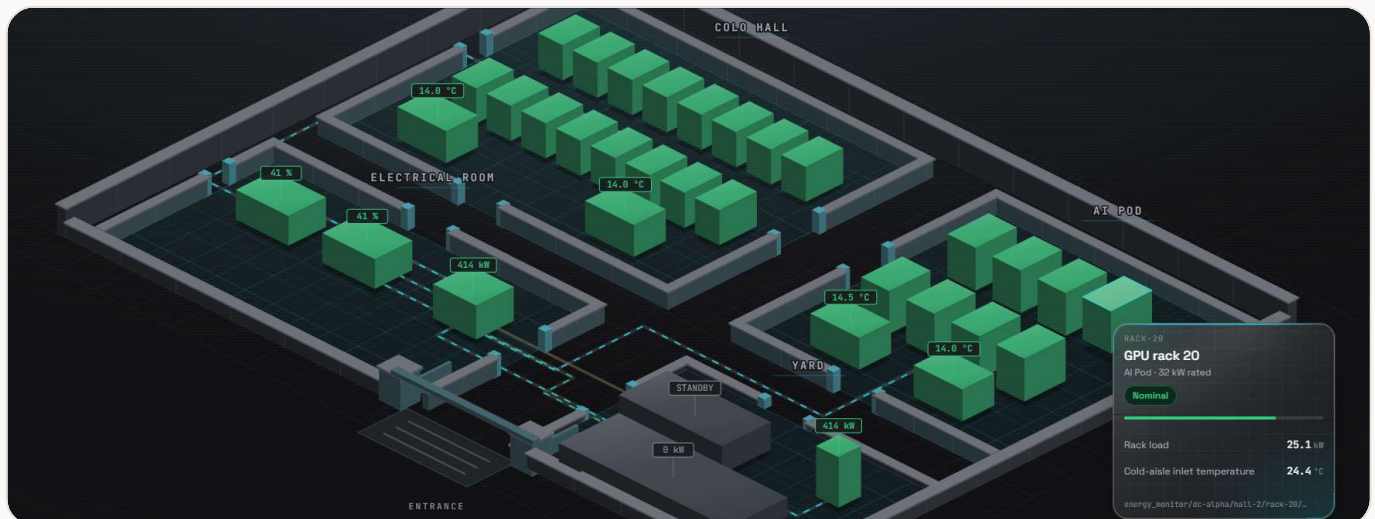
Inlet °C

Per rack, on a heat grid

COST

kWh, costed

At your own tariff, month to date



The floor plan, live: every rack, CRAC unit and UPS where it actually stands

- 01 Power and efficiency**

Total, IT and cooling load split live, PUE tracked against your baseline, and energy costed at your own tariff as the month runs.
- 02 Cooling and heat**

Inlet temperature per rack on a heat grid, with CRAC supply temperatures and run state beside it. A hot aisle shows up as a patch, not a phone call.
- 03 UPS and resilience**

Load and battery state per unit, and the moment a string goes on battery, recorded so the question afterwards has an answer.
- 04 Alerts that hold their nerve**

Warnings escalate on their own if a reading keeps climbing and clear themselves when it settles. One alert per hall, named for the worst rack, rather than sixteen.

Tell us how your halls are laid out.

Every site meters differently. Walk us through yours on a call, or have us on site, and we will scope it with you.

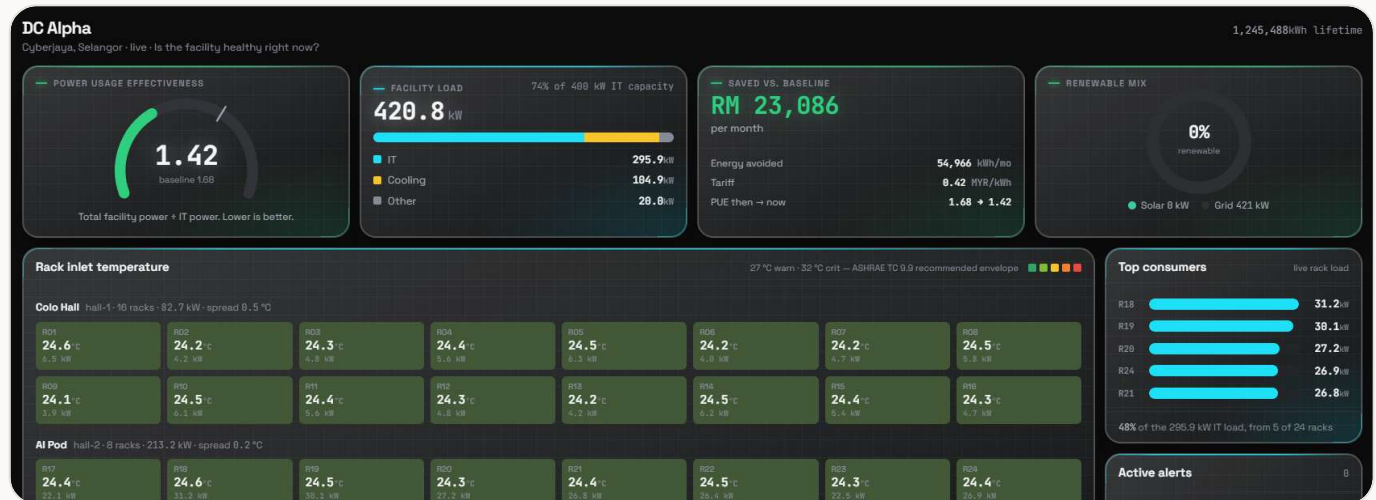
machhub.dev/contact

Talk to us



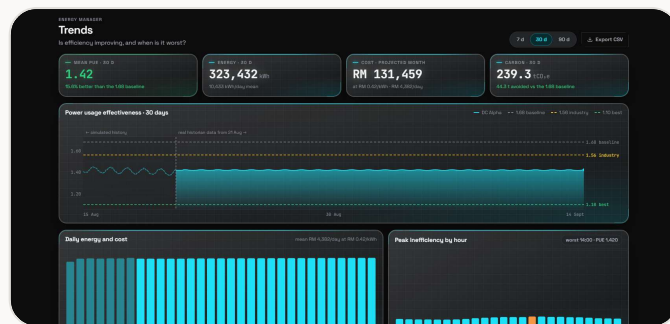
One rack, one hall, the whole site.

The control room, the energy manager and the duty shift each get their own screen, off one set of numbers. Nobody reconciles a spreadsheet against a controller.

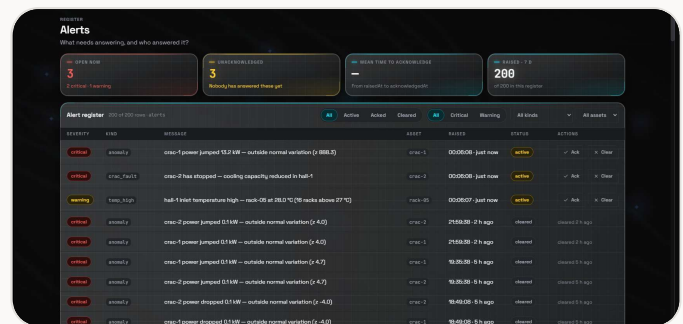


Control room: live PUE, load split, rack temperatures and open alerts on one wall screen

Overview



Energy manager: thirty days of kWh, PUE and cost



Duty shift: what is open, who acknowledged it, when it cleared

BUILT AROUND YOUR SITE

Your halls, rooms and rack numbering, your asset register, your warning and critical thresholds, your tariff. High-density AI racks and a colo hall sit in one tree at different limits.

READS THE PLANT YOU HAVE

Meters, PDUs, busway, UPS, CRAC and CRAH units, chillers and genset controllers over Modbus TCP and OPC UA. Whatever a BMS already publishes can be read alongside it.

NOTHING LEAVES THE BUILDING

It runs on a server in your own rack, on your own network, and nodes dial out rather than opening a way in. Permission is set per level, so a contractor sees the hall they are working on and nothing else.

HOW WE START

A consultation first, online or at the site, then a scope for one hall. Once the numbers are trusted on the floor, the same configuration covers the next hall and the next site.

MACHHUB

Intellogic Technology Sdn Bhd

3, Jalan DU 1/2, Taman Damai Utama, 47180 Puchong, Selangor Darul Ehsan, Malaysia

603-8071 6022 contact@machhub.dev

machhub.dev



Talk to us



machhub.dev