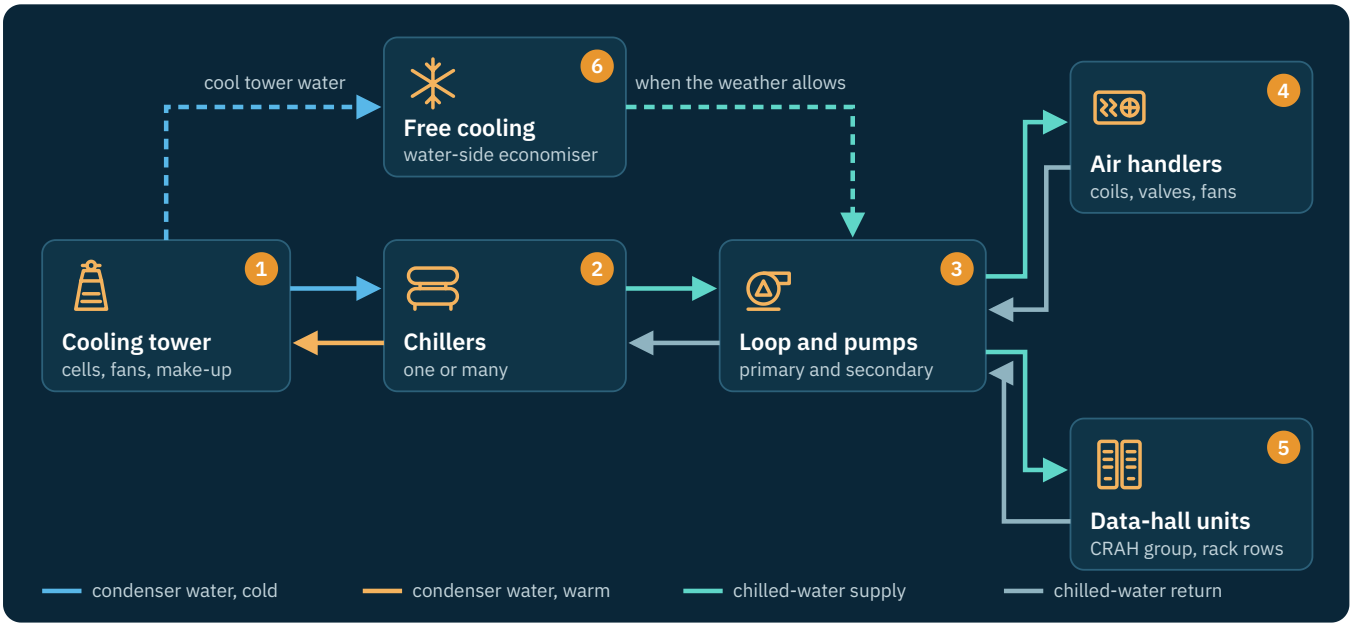
FOR COMMERCIAL BUILDINGS, MALLS, CAMPUSES AND DATA CENTRES

Your whole cooling plant, on one page.

CARI-Chiller reads the records your building management system already keeps and shows which chiller, tower, pump, air handler or data-hall unit needs attention: chiller alerts with an urgency grade, and named findings with dates for every other plant unit.

THE WHOLE PLANT FROM ONE FILE



WHAT YOU GET

Chiller alerts with urgency

Which readings moved and since when, graded Keep watching or Fix at next stop.

Named findings across the plant

Towers, loops, pumps, air handlers, hall units and free cooling: the finding and its dates.

Cleaning time and energy cost

For each chiller: days until condenser approach reaches the maker's limit, and extra energy priced in your currency.

Work orders and a report

A chiller work-order file for maintenance planning, and one printable report for the whole plant.

Start with the records you already have. One CSV of routine temperatures, flows, pressures, speeds, valve positions and power from your BMS or historian. It runs on your own PC; your records stay with you.

WHAT IT WATCHES

Six parts of the plant. One plant page.

Chillers
Each against its own normal: graded alerts, cleaning time on condenser approach, energy cost.

Cooling towers and condenser loop
Weak cells, fan belt slip, fouled condensers on the chillers served, water treatment, make-up.

Loop and chilled-water pumps
Deficit flow in the bypass, a weak primary side, worn or inefficient pumps.

Air handlers and their fans
Heating fighting cooling, low duct pressure at full fan speed, sensors reading wrong.

Data-hall cooling units
The unit out of step with the others, valve hunting and hot rack rows.

Free cooling
An economiser valve wrong for the weather, an exchanger losing effectiveness.

CARI-Chiller · plant page: a cooling tower

Cooling tower 2: Cooling tower and condenser-water loop. **Finding.**

- **tower cell weak (fill or spray nozzles), cell 2**, from 2026-05-07 00:00 to 2026-05-13 00:00 (still showing)

Each unit reads no change found, or a named finding with its dates. A finding names the usual cause, so your team knows where to start.

HOW IT FITS

1. Export — One CSV of routine trends from your BMS or historian.

2. Confirm the points — The app proposes which column is which point; your engineer confirms.

3. Pick the normal weeks — The dates your team calls normal; price and cleaning limit if used.

4. Read the plant page — Chiller alerts, unit findings, costs and the report.

WHERE IT WORKS



Commercial buildings and building automation
Turns routine BMS trends into dated findings across towers, chillers, pumps and floor air handlers.



Malls and retail
Large air handlers on long hours: heating fighting cooling, and the chiller that drifts.



Data centres
The hall unit out of step, the rack row that runs hot, and dated findings on free cooling.

Also suited to hospitals, hotels, airports, IT parks, pharma and process cooling, and district cooling plants.

START WITH ONE PLANT

Ask for a first-plant walkthrough. We set CARI-Chiller up on your PC with your team and read the first plant page, alerts and report together.

WRITE TO US

contact@carimo.tech
carimotech.com