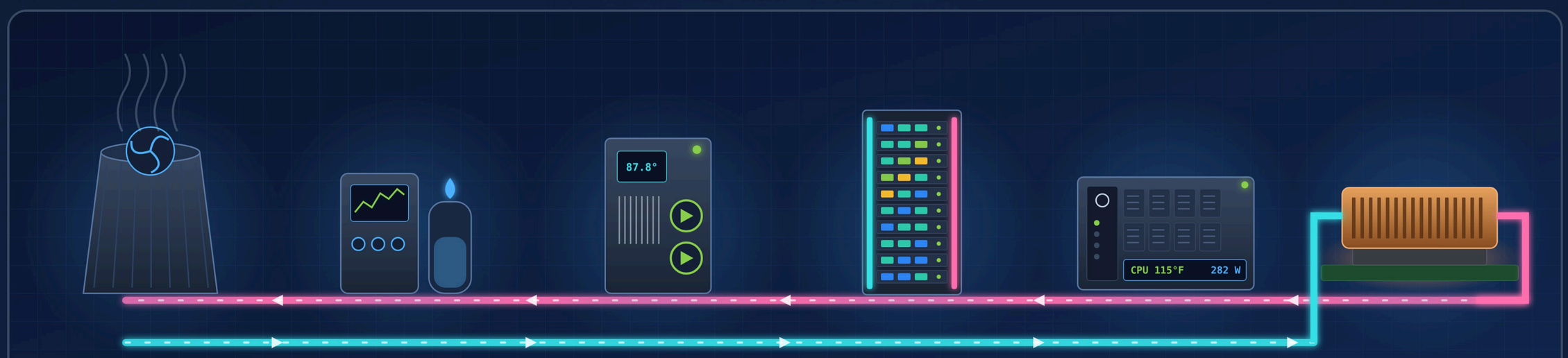
PYTHIA TECHNOLOGIES

DATA TRANSFORMATION SOLUTIONS · SINCE 2011

DM FOR LIQUID COOLING

From the cooling tower to the chip. Every loop, one DM.

Cooling towers, water treatment, CDUs, rack manifolds, cold plates and servers, live in one console, with leak alarms that go straight to the right people and the water chemistry that keeps cold plates clean.



Cooling towers
fans · basin · approach

Water treatment
conductivity · pH · ORP · inhibitor

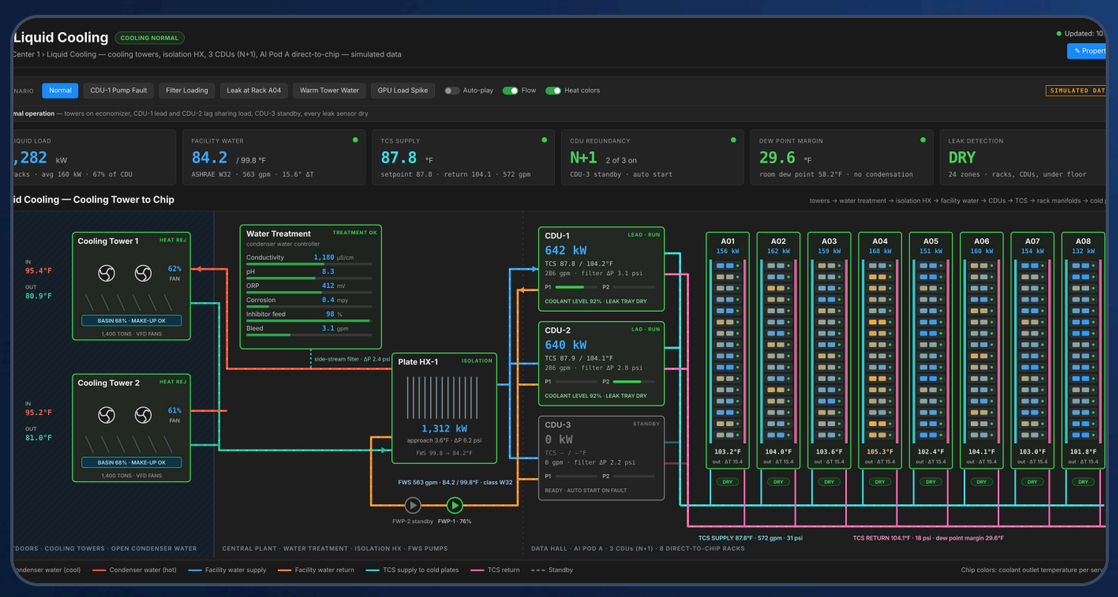
CDUs
temps · flow · pumps · filters · leaks

Rack manifolds
supply · return · ΔT · leak zones

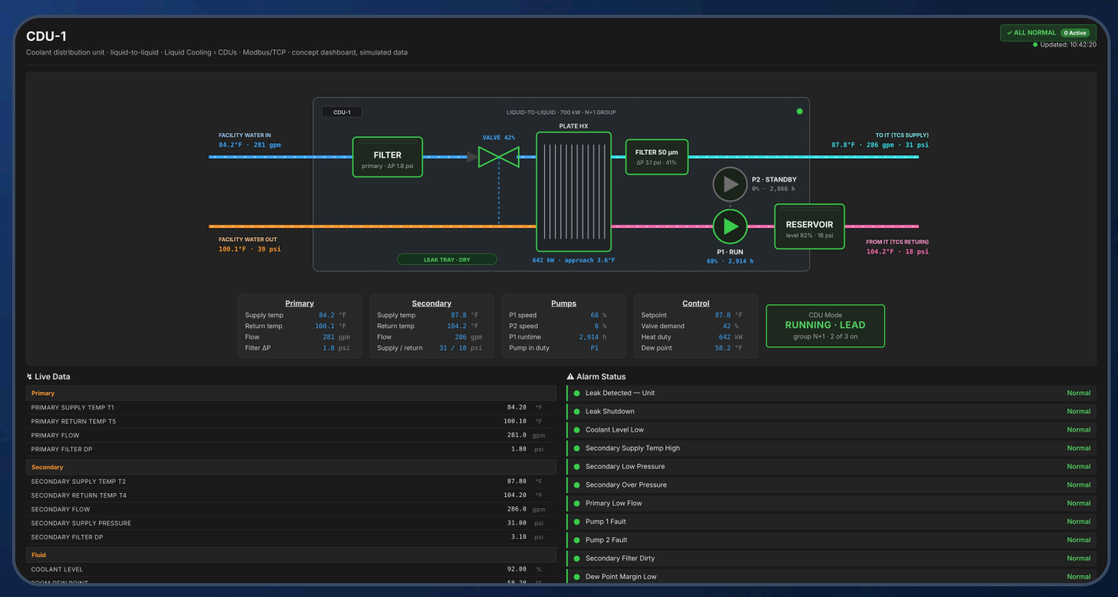
Servers
CPU temps · fans · PSU watts

Cold plates
coolant out · GPU temp · tray leaks

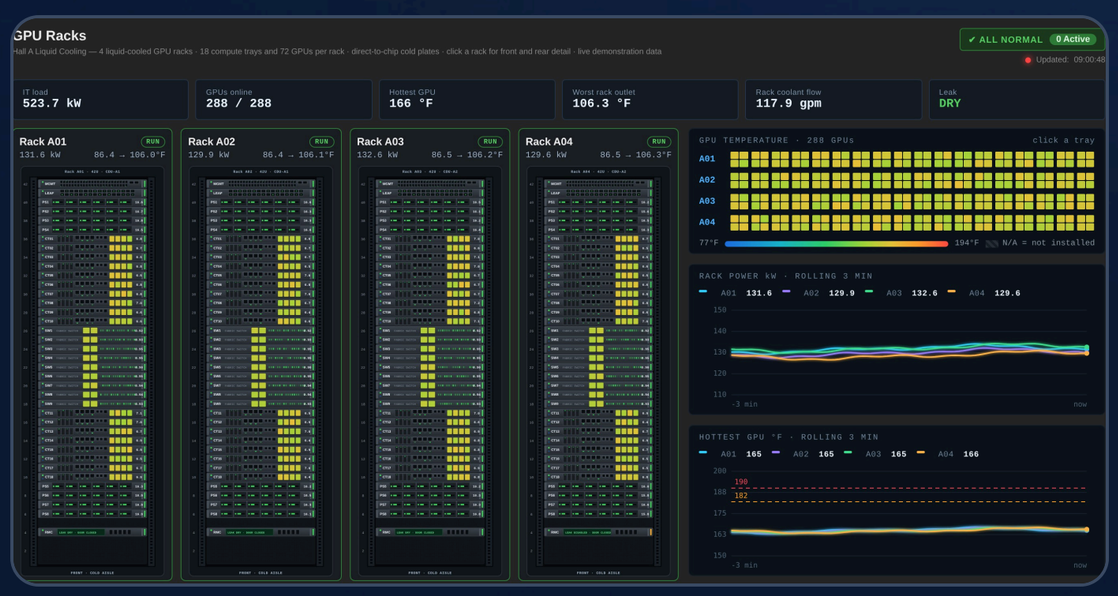
ONE DM · EVERY LAYER OF LIQUID COOLING · LIVE



Liquid cooling plant, towers to racks.



CDU dashboard: temperatures, flow, pumps, filters.



GPU racks: four liquid-cooled racks, 288 GPU temperatures at a glance.



Inside a compute tray: every CPU and GPU on its cold plate, coolant in and out.

Pythia DM · Designed, built and supported in Powell, Ohio

pythiatech.com · 740.363.2272