



The network goes down. The data doesn't.

HydroDCS collects your gauge data three independent ways, on a rugged appliance at the dam - all three at the same time. Everything is collected, calculated and stored on the appliance, so losing the network costs you a path, not the record. Every unit is built and tested to the federal standard before it ships, and the review documents your security staff will ask for come with it. In daily operation on U.S. Army Corps of Engineers dams since 2018.

THREE WAYS IN. ONE OF THEM ALWAYS WORKS.

Straight from the sky

An antenna on the appliance reads your gauges directly. No network involved at all.

Your own receiver

A receiver on the same switch feeds the appliance, and can be plugged in directly.

Upstream servers

When the network is up, the appliance collects anything the other two paths missed.

WHAT IT DOES

Watch what's happening

Current values on a page you arrange yourself, a live dashboard, and alarms on the levels that matter.

Set it up once

Add sites and rating tables from the browser, centrally, and every unit picks them up.

Report on it

The standard dam and river report, reports you build yourself, and charts over any period.

Get the data out

Into the models your hydrologists run, a documented interface, and spreadsheets.

THE APPLIANCE

Hardware	Rugged industrial build, no moving parts, wide operating temperature
Networking	Separate connections, so satellite, network and console traffic stay apart
Security	Encrypted storage, verified startup, and a configuration locked down to the federal government standard
Sourcing	Certified against the federal telecommunications restrictions
Access	Any browser on your network, over an encrypted connection, with per-person permissions
Collection	GOES direct or through your own receiver, plus cellular and non-satellite links
Data	River, reservoir and weather time series, plus live satellite weather imagery
Your data	Held on the appliance in a standard format you can export at any time
Approvals	On the USACE Approved Products List; approved by Army Corps of Engineers IT
Performance	In daily use at USACE Portland and New England Districts since 2018

INCLUDED WITH A PURCHASE

The appliance

Built, locked down and set up for your sites before it ships

A year of support

Security updates, new versions, and help from the people who built it

The paperwork

Everything your network reviewers will ask for, in the box

Setup

Your sites, gauge settings and rating tables already loaded

Tell us about your sites and we'll quote it

Quoted per site. The first year of support is included.

UEI ZJATK835L599 | CAGE 3CHM3 | NAICS 541511, 541512 | Small business

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