

STARLINK SD-WAN & IOT

Water & Utilities

Remote Water Monitoring and Gate Control Over Starlink SD-WAN

A small water corporation needed reliable connectivity at remote water sites to monitor flow with Meraki cameras and operate gates remotely. We delivered a Starlink-powered SD-WAN built on WatchGuard firewalls, with IP relays connecting gate controllers and cameras back to a central operations team.

KEY RESULTS

All sites

connected via Starlink SD-WAN

24/7

remote visibility of water levels

Remote

gate open/close control from office

WatchGuard

firewall securing every site

BEFORE

- Remote water sites with no fixed-line internet or unreliable 4G coverage
- Need to view real-time water levels and flow via Meraki cameras
- Manual gate operations requiring staff to travel to each site
- SCADA and telemetry traffic needed secure, always-on connectivity

AFTER

- All sites - connected via Starlink SD-WAN
- 24/7 - remote visibility of water levels
- Remote - gate open/close control from office
- Installed Starlink terminals at every remote water monitoring site for high-availability internet

"We can now see every site, check water levels, and operate gates without sending someone into the field. It has changed how we manage the network."

- Operations manager, water corporation