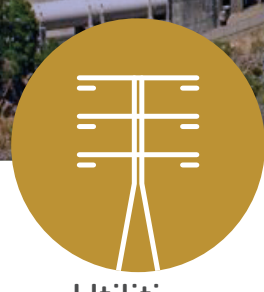


CASE STUDY

MODERNIZING
WATER UTILITY
COMMUNICATIONS

Supporting Digital Transformation



Utilities



United States



Driving Utility Services to the next generation with a modernized, enhanced communications network

"Ceragon truly improved our wireless infrastructure. They have exhibited a strong commitment to providing the highest level of quality in their products and service to us thus far. We have been incredibly impressed with Ceragon's level of professionalism, and we look forward to a long and continued relationship."

- David DeVore, Information Systems Manager, Yuba Water Agency

Yuba County, located just north of Sacramento, California, is one of the most biodiverse counties in the contiguous United States and is home to a great deal of agricultural business. Yuba Water Agency (Yuba Water) is a stand-alone public agency responsible for flood risk reduction, water supply reliability, hydroelectric power generation and other vital services. For nearly 60 years, Yuba Water has operated in a professional, progressive, and responsible manner to tackle the complex challenges of water resource management with sound science and information and is recognized as an industry leader.

THE CHALLENGES

Modernize Utility communications | Increase existing network capacity and reliability | Deliver enhanced customer support and service | Increase operational efficiency

Yuba Water requires an advanced communications network to provide reliable personnel communication, video surveillance, and digital transformation applications such as automation, analytics, and a smart sensor system.

Yuba Water officials always have their eyes on the future and look to implement innovative technology to support their personnel and facilities, while improving operational efficiency. Their existing network was becoming obsolete and needed to be upgraded to support the next-generation applications being adopted. They needed a system that would provide high capacity, low latency, seamless upgrades, and, most importantly, was backed by a reactive, professional, and expert customer support team.

THE SOLUTION

Replace legacy network | Accelerated digital transformation | High-capacity low-latency backbone | Expert professional services

By working with Ceragon to handle the hardware and installation of one initial link, Yuba Water Agency was quickly impressed with the product performance upgrade as well as Ceragon's levels of attention and focus on customer service. As a result, Yuba Water decided to move forward with replacing the entire legacy network with Ceragon high-capacity low-latency wireless transport products and end-to-end planning and deployment services.

The Ceragon team has taken accountability for the network, ensuring the performance meets or exceeds expectations, and that Yuba Water received a robust and secure network infrastructure. With a dedicated customer service team, Ceragon is committed to building a long-term relationship with the Yuba Water family.

RESULTS

Improved utility operations and efficiency | Future-proof network | Inter-connected assets | End-to-end communications

With growing challenges to face including water shortages, cybersecurity threats, fires, and growing customer demand and service expectations, Yuba Water has taken the initiative to incorporate new technologies into their operations, equip their employees with next-generation applications, and utilize advanced innovation today... rather than wait for issues to arise tomorrow. The water agency is looking for Ceragon to help them connect video surveillance sites, add connectivity to their local marina, help implement a sensor and automation system for the dams, hydroelectric generation, and other assets, and reinforce their technology innovation goals to support their continued excellence in water management for the county and beyond into the state. Yuba Water has entrusted Ceragon to take a leading role in building a resilient network for their current and future connectivity needs.

