

# Newton County Water & Sewerage Authority improves service continuity for municipal operations by moving to hyperconvergence with **StarWind HCI Appliance (HCA)**



## About the company

The Newton County Water & Sewerage Authority (NCWSA) was established by the State of Georgia Legislature in 1970 to provide water and sewer services to the local community. Today, the organization serves more than 27,000 water customers and over 8,000 sewer customers in Newton County, Georgia.

## Industry

Energy & Utilities

## Location

North America (United States)

## Solution

StarWind HCI Appliance (HCA)

*"StarWind HCI Appliance provided the redundancy we were looking for, in the budgeted amount. StarWind is worth a look. It may solve your needs."*

**Tim McCart,**  
Company Representative

## Challenge

Before deploying StarWind HCI Appliance (HCA), Newton County Water and Sewerage Authority (NCWSA) operated a mixed IT environment consisting of VMware ESXi hosts, iSCSI-based storage, several physical servers, and a limited number of virtual machines. The infrastructure lacked redundancy at both the compute and storage layers, creating potential single points of failure that could affect operational continuity. Expanding fault tolerance within the existing architecture would have required significant investment in additional hardware and storage systems, making it difficult to achieve high availability (HA) within budget constraints.

NCWSA needed a cost-effective solution that could simplify infrastructure management while improving resiliency.

## Solution

NCWSA selected StarWind HCI Appliance because of its hyperconverged architecture and ability to work efficiently with VMware ESXi and iSCSI-based storage environments. By deploying the StarWind solution, the organization achieved the redundancy it previously lacked without exceeding its allocated budget. The new infrastructure consolidated compute and storage resources into an easy-to-manage platform with built-in HA, reducing operational complexity and improving reliability.

The resulting environment fully satisfies NCWSA's infrastructure requirements and provides a scalable foundation for future storage expansion.