

## CASE STUDY

# Albuquerque Bernalillo County Water Utility Authority

## Converged Architecture and Virtualization Solution Helps Water Authority Ease Management and Reduce Budget

### The Challenge

The Albuquerque Bernalillo County Water Utility Authority (the Water Authority) was running on more than 100 servers with direct to touch storage. In addition to the time this large number of servers took to manage, the infrastructure was aging and escalating their maintenance costs. With a small IT staff, it was becoming hard to administer, and their budget needed to become much more efficient.

### The Solution

The Water Authority chose FlexPod with NetApp Unified Storage, Cisco UCS Blades and VMware as the basis for their infrastructure in their primary and disaster recovery locations.

At the same time as the FlexPod implementation, the Water Authority was struggling to manage their software inventory. cStor helped them assess and inventory their complex software licensing.

### The Results

With FlexPod, the Water Authority consolidated nearly 80 underutilized servers to just four blades at each location and virtualized their most critical applications. Since FlexPod is converged, it also allowed them to quickly provision and manage both the storage and server environment with little to no unexpected downtime.

The software assessment brought clarity and exactness to their inventory. cStor identified the needed tools and those that were no longer necessary, saving the Water Authority considerable money.

### Overview

- Industry: Water and Wastewater Services
- Location: Albuquerque, NM
- Employees: 600+
- Accounts: 2,000+

### Challenges

- Budget Concerns
- Aging Infrastructure
- Increasing Maintenance Costs
- Small IT Staff

### Solution

- FlexPod
- NetApp Unified Storage
- Cisco UCS Blades
- VMware
- cStor IT Solution Consulting

### Business Benefits

- Reduced Capital and Operating Costs
- Decreased Provisioning/Management Time
- Reduced Downtime
- Optimized Inventory Process

