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A VIRTUALIZED REALITY.

**MENOMINEE COUNTY IS BETTER SERVED
BY CAMERA CORNER AND HPE**

Making small businesses run more efficiently with new servers from HPE and virtualization.



Hewlett Packard Enterprise

Overview

Menominee County spans 360 square miles in northern Wisconsin, and most of that area is heavily wooded, with four rivers flowing through it. The Sheriff's Department serves this vast area, and needs easy and reliable access to its technology. In addition to the growing number of users and devices, the recently installed surveillance system added even more burden to the already weighty volume of data being stored. Menominee County's IT network also serves the Human Services Department. This department is split into multiple buildings, creating a physical gap that the five-year-old servers had difficulty bridging.

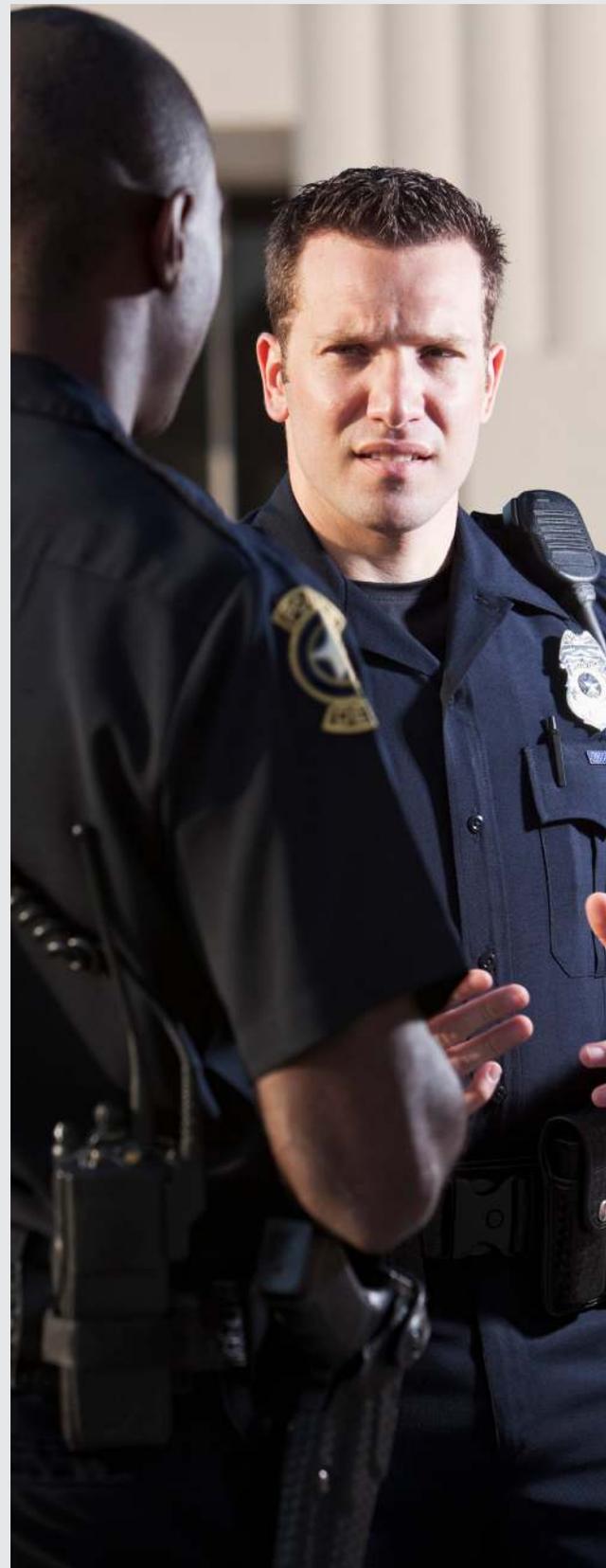
The legacy servers in two server areas were no longer up to the task. The hard drives were failing.

Solution

Kristi Onesti, Menominee County's Technology Services Director, reached out to Beth Vander Loop and Kevin Povaser, her account executive and senior engineer at long-time tech partner, Camera Corner Connecting Point (CCCP), to find a solution. CCCP has worked with the County for 20 years, so the team already understood the intricacies of the municipality's data challenges.

Onesti and Povaser assessed the legacy servers and determined that the required reconfiguration would be too costly when compared to the return on investment.

"We needed to update four servers" explained Onesti. "Kevin understood our financial limitations, so he came up with a plan to use HP Enterprise servers and VMware to virtualize P2V (physical to virtual) to the original platform. He touched base with VMware and received approval. Then, the virtualization was completed in less than a week."



Outcome

In addition to the virtualization solution, Povaser suggested segregating the active directory, file server, printer server, and domain controller, all of which had been on one physical box. This solution enables easier maintenance and built-in redundancy.

“With our previous configuration, we had a mixed batch of methods for the installation of our various printers, and no one was aware of the problem,” said Onesti. “Segregating the printer server has locked down communication with those devices. By reinstalling, we’ve significantly improved the network communication.”

Povaser added VMware virtualization software to expand the functionality of the HPE servers, allowing multiple servers to be installed on one HPE server. Disk configuration can be done without shutting down the server. VMware, he explained, “lets you add features like memory cores and disk storage on the fly, and restoring files is much easier.”

CCCP’s knowledge of Menominee County’s infrastructure and willingness to be an active partner lead to results that exceeded Onesti’s expectations.

“It all went smoothly because their team came on-site—an hour’s drive—for pre-planning, and then handled the solution design and installation” said Onesti. “They talked through any problems with me, always finding the time to ensure solid communication.” She added, “I’ve worked with many technology vendors in previous jobs and it’s not always pleasant. Camera Corner made it easy.”



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