success story

"Because of the proactive monitoring of Insight Manager, HP ProLiant servers are a very good choice for our Lotus® environment. We strive for 99.8 percent uptime, and with ProLiant servers we are ahead of that goal."

Larry Ingram, IT Manager, Hennepin County, Minnesota

summary

Hennepin County, the area surrounding and including Minneapolis, is the largest county in Minnesota. The county has more than 12,000 employees and provides services to some 1.1 million residents through a variety of departments — ranging from the Public Works Department to the Sheriff's Office to a very large hospital. Hennepin County had two separate e-mail systems and wanted to consolidate all its users onto a Lotus Domino messaging platform. After reviewing time-to-solution, costs and benchmark statistics, the county chose HP ProLiant DL760 servers for its Lotus messaging solution.

consolidating messaging for productivity

Before 2001, many departments within Hennepin County were using Lotus Notes hosted on four ProLiant 6400 servers; others used a mainframe-based legacy e-mail system called EMC Totally Automated Office (EMC TAO). Since the legacy system did not offer collaboration, Hennepin senior management established a strategic goal of migrating all employees to Lotus Notes.

"We needed a Lotus platform that would meet our needs for the next three years," says Larry Ingram, IT Manager for Hennepin County. "We knew the number of users we needed to support, but we weren't sure of their demand requirements because many were moving to the Web-based iNotes client — which demands more of the server than the Notes client."

Hennepin County considered two solutions — four ProLiant DL760 4-way servers from HP, as well as a mainframe solution from another vendor. The ProLiant solution enabled the county to scale up to 32 processors in a modular fashion, as demand required — as opposed to having to purchase all the hardware up front.

After reviewing the options carefully, Hennepin County chose the ProLiant solution because it could serve the county's current and future needs — at 25 to 33 percent the cost of the mainframe solution.

For years, the county had standardized on ProLiant servers for its Intel environment because of HP Insight Manager System Management capabilities, which come standard with ProLiant servers. According to Larry Ingram, IT Manager for Hennepin County, "Because of the proactive monitoring of Insight Manager, HP ProLiant servers are a very good choice for our Lotus environment. We strive for 99.8 percent uptime, and with ProLiant servers we are ahead of that goal."

Before moving to the new servers, the Hennepin County IT team migrated the old server data to the storage area network (SAN). "Because of the SAN, we were able to handle data migration ahead of time in a reasonably transparent way, which made the upgrade of ProLiant servers very easy," states Larry Ingram.

business results

- Positioned for growth — All 12,000 users migrated to the Lotus platform with 40 percent capacity, leaving plenty of headroom

- Increased availability — Overall uptime has been 99.98 percent with no hardware problems

- Lower total cost of ownership (TCO) with server consolidation — Each new ProLiant server has the power of the previous four servers

- Easy management — HP Insight Manager provides pre-failure notification, control of the ProLiant infrastructure from any desktop, and remote rebooting

- Productivity — Minimal impact on end-user productivity during migration; standardization on ProLiant servers removes learning curve for IT staff

at-a-glance

challenge

- consolidate 12,000+ users onto Lotus Domino

- provide headroom for additional applications and future capacity

- design an affordable system to serve the next three years

solution highlights

hardware:

- Four ProLiant DL760 4-way servers, configured with four CPUs based on 900MHz Intel processor, clustered in paired relationship with fiber optic connection to SAN

software:

- Lotus Domino server

- Lotus Workflow

- Domino.Doc

- Lotus QuickPlace

- Lotus Sametime

- Lotus Notes and iNotes

- HP Insight Manager system management tools

services:

- HP Services installed the ProLiant servers

contact

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