

Technical Appendix

VillageSoup

Publisher Virtualizes Systems, Cuts Servers by a Third, Reduces Staff Costs by \$83,000 Annually

Partner: Know Technology

The details below provide a technical overview of the solution described in the VillageSoup article entitled *Publisher Virtualizes Systems, Cuts Servers by a Third, Reduces Staff Costs by \$83,000 Annually*.



VillageSoup is a software developer that offers an innovative neighborhood hosting platform to weekly news organizations.
www.villagesoup.com

TECHNICAL SOLUTION DETAILS

Solution Overview

VillageSoup deployed Windows Server® 2008 Enterprise with Hyper-V™ virtualization technology on two HP host servers. To date, the firm has created five virtual machines on one server and three virtual machines on the other, which are running Microsoft® Exchange Server 2007, file and print servers, domain controllers, security, and other applications. The two host servers will eventually be placed in separate locations to bolster disaster preparedness. VillageSoup also installed Microsoft System Center Virtual Machine Manager 2008, which the company's technology partner, Know Technology, uses to create virtual machines, perform physical-to-virtual server migration, and remotely manage the virtual machines and physical host servers. In addition, VillageSoup uses Microsoft Forefront™ Client Security to defend its network against malware.

IT Benefits

- Eliminated need for one-third of server hardware
- Avoided new hardware costs of U.S.\$25,000
- Saved IT time worth \$70,000 annually
- Achieved one-year return on investment
- Reduced server downtime by 20 percent, eliminating \$13,000 in employee overtime
- Added growing room, for minimal investment



Know Technology is a Microsoft Gold Certified Partner in Camden, Maine, that delivers IT solutions and support services to clients throughout the northeastern United States.
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Employee Count: 100

PC Count: 100

Server Count: 6 planned

Product and Technology List

Products	Technologies
<ul style="list-style-type: none"> • Microsoft Server Product Portfolio <ul style="list-style-type: none"> – Windows Server 2008 Enterprise – Microsoft Exchange Server 2007 – Microsoft Forefront Client Security – Microsoft System Center Virtual Machine Manager 2008 	<ul style="list-style-type: none"> • Hyper-V

Hardware Details

VillageSoup hosts its virtual machines on two HP ProLiant DL380 servers with dual quad-core Intel Xeon processors.

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VillageSoup System Infrastructure Diagram

