

# MAPSYS partners with Oles + Associates to migrate into a stable server environment with a robust backup strategy



**Oles + Associates**  
CERTIFIED PUBLIC ACCOUNTANTS

"Oles + Associates is a public accounting firm located in Columbus, Ohio, that works together with businesses to reach both financial and personal goals. Our dedicated team provides leadership for today's workforce in the areas of Financial Reporting, Tax Services, Consulting, Accounting, Bookkeeping, and IT Solutions to individuals or companies, whether starting a new or updating a seasoned business.

Through client focused approaches, we provide unbiased and up to date Tax Services to assist in developing strategies to reduce tax burden while staying in compliance with reporting requirements.

In Business Consulting, our value arises from a disciplined approach to deliver timely solutions in all areas and stages of a business, from valuation and planning to human resources and cash flow management. And because technology is an integral foundation for every commerce, our partnership with MAPSYS allows us to offer service in software/hardware planning and implementation.

We take pride in the depth of experience and insight we offer that uniquely services our valued clients. At Oles + Associates, the client is the centerpiece of our business, and their success and satisfaction is our primary focus."

Joel F. Oles, Managing Partner

## *Problem:*

Oles + Associates outgrew an aging, standalone server infrastructure, and physical/cloud backup strategy for disaster recovery. Oles + Associates desired to improve the speed of back office systems, increase server stability and resiliency, while hardening and adding flexibility to their backup procedures.

## *Solution:*

MAPSYS provided consulting to help Oles + Associates better understand industry standards and best practices, as well as reviewing the advantages of virtualization. MAPSYS evaluated the existing infrastructure, and recommended moving to a Microsoft Hyper-V cluster, centralized storage array, and utilize Veeam Backup and Recovery with off-site network attached storage for off-site backups.

Oles + Associates chose to implement an IBM Storwize v5010 storage array, and Lenovo TD350s for the virtualization hosts. Once new hardware was installed and the workload migrated from the old servers, a centralized print server was deployed, and Microsoft Active Directory group policies were leveraged to standardize the workstations for easy management.

## *Results:*

- Leveraged the flexibility of a virtualized workload with Microsoft Hyper-V
- Added multiple layers of hardware resiliency to ensure an always-on environment
- Reduced downtime and issues of workstations with Group Policy
- Shortened backup times while adding flexibility to data recovery with VEEAM
- Offsite backup storage of data in the event of a natural disaster