



**CORTERRA**  
SOLUTIONS

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## Cloud Migration

Solution and approach overview

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Microsoft Azure  
Microsoft 365  
Microsoft Office  
Microsoft Defender

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### Summary

Corterra Solutions has helped numerous small and medium sized business clients (SMBs) solve the challenge of needing a stable and dependable technology infrastructure that is also secure and affordable. We have accomplished this by leveraging the Microsoft 365 and Microsoft Azure ecosystem, which provides a variety of cloud-based services that can be used to replace traditional on-premises infrastructure. Leveraging the Microsoft cloud has eliminated the need for expensive server hardware and maintenance, while also providing increased security and accessibility. As a result, SMBs are able to save money, improve their security posture, and increase their productivity.

### Business Challenges

Small to medium-sized businesses (SMBs) often have a small, yet critical server and application infrastructure. They need stable and dependable access to their email, documents, services and data both while in the office and from remote locations. However, the continuous "4-5 year" server refresh is always a necessity, but it doesn't change or improve their processes or ease of access. In addition to the server infrastructure, cybersecurity can be challenging for SMBs. With on-premises solutions, protecting their data to the same level as medium or large businesses can be difficult without large expenditures. For all businesses, every second and every dollar counts but specifically for small businesses. Minimizing disruptions to ongoing business operations is of absolute importance. Can they afford to setup the appropriate cybersecurity controls, monitoring, and disaster recovery in legacy on-premises solutions? With the breadth of services and affordability, the Microsoft cloud is a great way to match the business needs with an affordable solution.



## Our Approach

Corterra Solutions has successfully migrated many clients from their legacy, on premises systems to the Microsoft cloud. Our approach is pragmatic, cost-effective, and straight forward to meet clients' needs and budget. We have effectively eliminated server hardware costs and the maintenance and monitoring associated with it. Additionally, our approach focuses on data accessibility and cybersecurity posture. Data that is inaccessible and unsecure does not move business forward. Every migration is different but below provides a brief overview of Corterra's approach to common business technology needs within the Microsoft Azure and Microsoft 365 ecosystems.

- **Email management in the Microsoft cloud**, with reliable connectivity, enhanced SPAM filter capabilities, and mobile device access.
- **Microsoft Azure**, which provides a complete, enterprise grade cloud ecosystem an authentication service to only allow users with proper credentials to access the systems.
- **Document Management with Microsoft SharePoint Online (SPOL)**, which leverages cloud storage to organize the company's data and also protects it in a "least privileged" approach, granting access to only those that need access to certain data.
- **Microsoft Intune**, which manages policies and deployments to the Endpoints in the company for a secure, consistent experience.
- **Microsoft Defender for Endpoint**, which provides a portal into the company's managed endpoints and scans them for vulnerabilities. It also provides Microsoft best practice policies that can be applied to the endpoints to secure them while they are in or out of the office.

## Results

The end results are a more versatile and scalable environment that provided easy accessibility with increased security framework. Companies can save money on server hardware costs and maintenance while increasing cybersecurity posture.

In summary

- **Increased accessibility** to data, systems, and applications
- **Improved cybersecurity** posture while increasing accessibility
- **Simplified budgeting** by eliminating need for on-premise server refreshes every four to five years
- **Eliminated hardware costs** and maintenance by leveraging cloud services from Infrastructure-as-a-Service to Software-as-a-Service solutions

### ABOUT CORTERRA SOLUTIONS

Corterra Solutions offers IT infrastructure, ERP implementation, cloud migration, cybersecurity, and analytics services that help medium and large clients operate and grow their businesses securely, efficiently, and intelligently. As a Microsoft Partner, Corterra has extensive experience with Microsoft technologies, including Dynamics 365. Our deep partnerships with clients, coupled with our reputation for outstanding service, give clients freedom to focus on meaningful work that drives their companies' success. For more information, please visit [www.corterrasolutions.com](http://www.corterrasolutions.com).