



## Case Study

# Dropbox to OneDrive Migration

## ABOUT THE CUSTOMER

The company is a general construction contractor, delivering Design-Build, Construction Management, Lean Construction, Building Information Modelling, Feasibility Studies, Space Planning, Material Testing, and Inspection Services in all domains of construction. Since its inception, the company has completed several projects such as commercial, industrial, public work, distribution, transportation, retail & educational institutions.

## CHALLENGES

The company was using the Dropbox Business environment for data storage and sharing management that was becoming more expensive with the increase in the employee counts. While Dropbox excels in user login encryption, it lacks the protection of users from outside data attacks. As Dropbox offers no subfolder security settings, employees were required to redo the entire folder structure to share subfolder data. The company data administrators had no control over employees who were syncing files. Nor they had control over who has access to shared files. Dropbox did not allow the company to view an audit log, so if sensitive data leaked, administrators had no procedure of knowing who may have accessed it.

## OBJECTIVE

The company was looking for a more cost-efficient solution for data collaboration and storage inside its IT infrastructure than Dropbox. It wanted to migrate all its data to a business-focused storage solution that offers features like auditing, reporting, and advanced administration for granular control, multi-factor authentication, and built-in standards compliance.

## TECHNICAL OVERVIEW

- ✓ The OneDrive Sync client helps easily sync files from personal devices to the Cloud
- ✓ OneDrive Admin Controls for Sync Client allows to limiting of the types of files that sync between users' OneDrive accounts and their devices.
- ✓ OneDrive enables administrators to set storage limits and data retention durations.
- ✓ Through device access page, OneDrive for Business enables to restrict access to specific devices and IP ranges.
- ✓ The admin center, Office 365 management console helps to manage OneDrive for Business.
- ✓ Office 365 management console empowers to manage security and sharing settings, control user activity, execute predefined auditing reports, and manage the audit log.
- ✓ Security & Compliance Center enables visibility to track activity across the Office 365 organization.
- ✓ All collaboration and communication with the OneDrive for Business are protected using SSL/TLS.
- ✓ SSL connections used for communication to OneDrive for Business across the internet are using 2048-bit keys.
- ✓ The OneDrive Admin Center provides sharing settings that control all sharing links.
- ✓ OneDrive for Business offers three different file states, data that should be kept online-only, be locally available, or be always available.

## SOLUTION

After evaluating the requirements of the company, ISSQUARED® proposed to migrate all the company data and collaborations from Dropbox to OneDrive for Business. ISSQUARED® assigned an IT Infrastructure Architect for transferring several TB of employee data from Dropbox to OneDrive for Business. Microsoft offers a migration tool (Mover.IO) that helps ISSQUARED® to transfer all files smoothly to OneDrive for Business. ISSQUARED® team scheduled the final delta pass for the migration over a weekend so that it had not interrupted the work. When Monday came, the company employees logged into their OneDrive for Business accounts and resumed work with no issues. The company employees are also able to browse and search files as they did before the migration. OneDrive for Business proves to be a perfect fit to keep the employees online, keep its data secure, and reduced the uses of bandwidth.

### KEY BENEFITS

OneDrive for Business allows the company to synchronize its files from the desktop PC to the cloud effortlessly and enables the company documents to be available across all its devices. It also allows the company to share the information within teams without the need to forward attachments giving the company much greater control over its data. Additional benefits are listed below:



**Anytime, Anywhere Access:** OneDrive for Business offers secure file storage in the cloud that enables remote collaboration capabilities and 24/7 usability. material suppliers.

**Security:** Services are centralized that includes granular control of activities such as external sharing, offline sync, and access control. It incorporates several security features to limit the risk from remote connections and workplace collaboration.

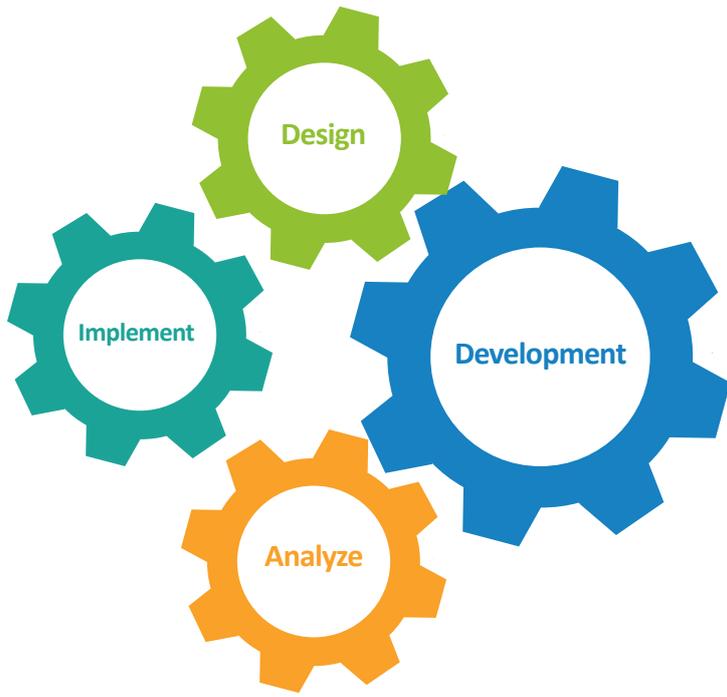
**File Synchronization:** OneDrive for Business allows to access and work on files from anywhere through an Internet connection, but if signal lost? The sync client saves a local copy of documents or folders to the personal device and enables access to the key documents offline. Once the user gets connected to the internet, all changes upload to the cloud.

**Storage:** With OneDrive for Business, users no longer need to fear the storage shortage as it offers the ability to scale cloud storage to meet the user needs.

**Collaboration with Office:** As a Microsoft platform, OneDrive for Business offers seamless integration with Microsoft Office and an ability to upgrade to the full range of Office 365 products easily.

**Audit & Reporting:** Enables administrators to generate audit reports for regular events in OneDrive for Business or build custom reports to suit their needs.

**Future Plans:** Even though OneDrive for Business enables the company to experience what the cloud is all as it allows its employees to work the way one typically does with the cloud. ISSQUARED® has proposed the company to deploy Microsoft Azure or AWS into its IT infrastructure. These cloud platforms could significantly enhance organizational productivity and performance and substantially reduce IT infrastructure maintenance and management costs.



## ISSQUARED®

ISSQUARED® is one of the leading providers of end-to-end IT technology solutions, delivering fine-tuned services across IT Security, Cloud, Infrastructure, Unified Communications, Industrial Operational Technologies and other solution areas. For many years, ISSQUARED® has been helping several Fortune 500 organizations and delivered several multi-million-dollar projects. Our proven expertise takes our clients through a seamless digital and security transformation, resulting in rapid business benefits and positions them for future success.

ISSQUARED® is headquartered in Westlake Village, California, US. It offers global delivery capabilities with its presence across the UK, Ireland, the Middle East, India, Singapore and other parts of the US too.



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