

## Real Estate Investment Firm

### CHALLENGE

A prominent real estate investment firm was introduced to Data Canopy to resolve issues with their unresponsive data center provider.

Upon initial inspection, Data Canopy discovered that the firm's legacy IT infrastructure had not been upgraded in some time. It was also discovered that the firm had their critical infrastructure hosted in a competitor's data center with legacy infrastructure, which was not updated properly, resulting in a data breach that compromised their servers and caused the customer to be down for three days. To make matters worse, the firm had not implemented their disaster recover properly, which resulted in additional downtime for the firm.

### SOLUTION

Data Canopy conducted a full audit of the critical server infrastructure and made the following recommendations:

- Remove legacy VMs no longer in use.
- Implement an immediate backup solution to mitigate risk
- Transfer the entire critical infrastructure to the Data Canopy Cloud
- Leverage a robust Disaster Recovery environment to decrease the recovery point objective (RPO) and recovery time objective (RTO) for critical data significantly
- Extend backup retention policies to ensure industry standard attainment
- Implement an on-premise backup solution, in addition to Data Canopy's off-premise solution in order to provide safety and security on multiple layers

By following these recommendations, the firm would be able to shore up their ability to resume business operations in the event of a disaster or other outage, meet regulatory guidelines, and improve performance in their virtual environment.

## RESULTS

The migration plan developed by Data Canopy resulted in a quick and painless transition from the unstable, previous environment to the new infrastructure solution. During the migration, the unstable environment they were transitioning off of crashed again, but because Data Canopy had developed a solid migration plan and started the backups at the beginning of the process, the firm was back up quickly and did not experience anywhere near the days of downtime the firm had previously experienced. As a result of these efforts, the firm realized:

- Geographic redundancy of the primary and DR environments
- Decreased RPO and RTO
- A solid infrastructure on which to develop strategic IT installations and modernization initiatives

