

Dayton Superior Leverages Immedion's Private Cloud for Simplified DR Solution



CUSTOMER

Dayton Superior is the leading North American provider of concrete construction products for the non-residential construction industry. Their products are linked to more than a million structures around the world including the new World Trade Center Towers and The Panama Canal.

CHALLENGE OVERVIEW

Dayton Superior needed a tech refresh and no longer had the capacity to manage DR on their own. Their solution must offer resource scalability and ease of testing.

SOLUTION

Immedion provided a cloud-based DR solution that included disaster recovery replication and server management.

RESULTS

- Dayton Superior can now replicate 60% more servers at 40% of the cost of managing DR themselves
- 30 minute recovery times
- Complete visibility into private cloud environment
- Flexibility and agility to ramp up resources quickly and on-demand
- On-going access to Immedion's team of experienced engineers

DAYTON SUPERIOR

Founded in 1924 and headquartered in Dayton, Ohio, Dayton Superior is the leading North American provider of concrete construction products for the non-residential construction industry. The company is comprised of 13 U.S. manufacturing industries and 15 distribution centers spanning across the world. As a global supplier utilizing real-time manufacturing, Dayton Superior's systems must be always on or else production comes to a halt.

CHALLENGE

Dayton Superior needed a tech refresh – they were running low on resources and managing hardware on their own was becoming an expensive and intensive process. The organization sought a reliable solution that would allow them to free up both human and capital resources to focus on value-add initiatives. They needed a fully managed disaster recovery (DR) solution with resource scalability and ease of testing so they could ensure the data their operations run upon is constantly available.

SOLUTION

Immedion engineered a dedicated private cloud located in Immedion's Greenville data center for a DR environment with full visibility. Dayton Superior's production data center connects locally to Immedion's Cincinnati facility which provides inter-city connectivity to Immedion Greenville. This gives Dayton Superior the flexibility to ramp up resources quickly and on demand while meeting DR requirements for geo-diversity.

Dayton Superior's on-site production environment continuously replicates at the hypervisor level, easing the process and providing flawless recovery. Their IT Team doesn't have to worry about managing multiple systems and keeping replications in sync. Immedion also monitors and manages Dayton Superior's DR servers and platform to ensure replication services are up and running at all times.

RESULTS

Immedion's Disaster Recovery solution provided Dayton Superior substantial savings on what would have been a costly capital expenditure. With Immedion's server management, their IT team does not need to worry about maintenance. They can now replicate 60 percent more servers at 40 percent of the cost of managing DR themselves. Immedion's industry-leading SLA's for low recovery times give Dayton Superior the ability to run testing more often. Their recovery time once took up to 3 hours and is now down to 30 minutes. The solution also gives the company the agility to easily ramp up resources as needed.

"Working with Immedion has simplified our disaster recovery process," said Bobby Keller, Dayton Superior's IT Infrastructure Manager. "Immedion's engineers made the migration process easy and painless; they even went above and beyond to speed up replication of our data to Greenville to ensure a shortened window of vulnerability. They have been there every step of the way to help us develop a best-fit solution as our business's needs have grown."