

CONTINUITY WITHOUT COMPROMISE:

*Disaster Recovery
for a Global Wire
Manufacturer*

Case Study

EXECUTIVE SUMMARY

A global leader in the engineered wire industry, faced growing risks from natural disasters and aging on-premises infrastructure.

After a near-miss during Hurricane Sandy, the company prioritized business continuity and moved to a cloud-first strategy with IronOrbit.

By migrating to a secure, redundant cloud environment, this manufacturer achieved uninterrupted operations, greater scalability, and improved disaster resilience, enabling the company to double in size over the following years.

ABOUT THE CLIENT

Located in the northeast this manufacturer specializes in supplying alloy conductors and machinable alloys. With over 300+ employees, this company holds the broadest range of copper alloy wire capabilities in North America and is certified to ISO:9001:2015 and AS9100D aerospace quality standards.

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THE CHALLENGES

- The manufacturer's IT infrastructure had evolved on-premises for decades, demanding 99.9% uptime support for mission-critical operations.
- In 2012, Hurricane Sandy devastated much of the East Coast. Though floodwaters didn't breach their server room, the near miss underscored the vulnerability of their data center to natural disasters.
- The company recognized the urgent need to safeguard operations against future disruptions.

THE SOLUTION

The manufacturer partnered with IronOrbit to migrate its entire data center infrastructure to a secure, private cloud platform. The solution included:

- **Geo-Redundant Infrastructure:** A cloud architecture with business-critical assets hosted at a Tier 4 data center, backed by a secondary site ensuring regional autonomy and resilience.
- **Virtualized Environment:** A robust virtualized platform split between Microsoft Hyper-V and VMware vSphere, allowing dynamic resource allocation and seamless failover capabilities.
- **Comprehensive Disaster Recovery:** Full business continuity planning, disaster recovery protocols, and redundant systems to maintain uninterrupted service.
- **End-to-End Managed Services:** Network, firewall, switch, and IDS management with 24/7 real-time monitoring.

THE IMPACT

The migration to IronOrbit's cloud solution transformed the firm's ability to manage design and engineering workflows, delivering measurable results:

- **Business Continuity Secured:** The company's infrastructure now operates with full redundancy across geographically diverse data centers, ensuring operations continue seamlessly even in catastrophic scenarios.
- **Disaster Recovery:** IronOrbit's private cloud mitigates risk from natural disasters, with the client's infrastructure supported by failover protocols and secure data backups.
- **Enhanced Agility & Security:** The cloud-based platform provided greater operational flexibility and enhanced security, allowing faster reaction to business changes and new demands.
- **Scalability for Growth:** Since migrating to IronOrbit's cloud, the industry's leading wire manufacturer has doubled in size, supported by a scalable IT environment that evolves alongside the business.



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FUTURE VISION

As the client deepens its cloud adoption journey, the company is well-positioned to integrate new technologies and further modernize its operations. IronOrbit's flexible cloud infrastructure will continue to support the manufacturers' mission of delivering precision-engineered alloys worldwide.

WHY IRONORBIT?

The client chose IronOrbit for its track record of delivering secure, highly redundant cloud solutions. With a deep commitment to business continuity and 24/7 proactive monitoring and US-based support, IronOrbit provides them with peace of mind, and a technology foundation built for the future.



CLOUD SERVICES



MANAGED IT SERVICES



PROFESSIONAL SERVICES



NETWORK & SECURITY SERVICES



DATA PROTECTION



THE FEEDBACK

“

“We run our business on IronOrbit. We'd be way up the creek without them.”

Sr. Business Analyst

”

FUTURE-PROOF YOUR BUSINESS WITH IRONORBIT

Contact us today to learn how our cloud solutions can safeguard your operations and drive business growth.

IronOrbit
The Cloud Made Simple.

IronOrbit is Recognized in the 2023 and 2024 Gartner Magic Quadrant for DaaS (Desktop as a Service) and is included in the 2021 & 2023 Gartner Market Guide for DaaS.

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