

Disaster Recovery as a Service

Implementing Disaster Recovery as a Service for a Global Maritime Company

Background

Our client is a prominent global maritime company with a vast fleet of vessels and multiple physical sites worldwide. They are a global provider of underwater engineering and offshore services.

As a maritime company, our client's operations are highly reliant on advanced technology systems that manage vessel navigation, cargo tracking, and communication with onshore offices. Downtime or data loss can be catastrophic for the company's operations, leading to financial losses and potential safety concerns.

Challenge

Geographical Dispersal:

The client's vast fleet of vessels and multiple onshore locations created a logistical challenge in ensuring seamless data backup and recovery solutions for all sites and vessels. Given that the vessels are continuously moving and concerns around internet connectivity at sea, the disaster recovery solution needed to be able to send data offsite to the cloud but not solely reliant on this.

Data Security:

The maritime industry is highly regulated, and the client needed to ensure compliance with industry-specific data protection requirements, including sensitive cargo and passenger data.

Redundancy:

The client required a robust data backup and disaster recovery solution that would guarantee minimal downtime in the event of a system failure or data loss, safeguarding the safety of their vessels and continuity of operations. Continued, unplanned loss of systems could result in lives being put at risk.

Cost Efficiency:

The client needed a solution that could grow with them without the needing to be completely rearchitected. Whilst they have an impressive and successful growth strategy, budgets are finite, and they wanted to avoid paying for the future now. The proposed solution would need to be scalable, flexible and at a predictable cost without unexpected overages or add-ons.

Solution

Outbound Group's Disaster Recovery Implementation:

Outbound Group, a leading provider of Disaster Recovery as a Service (DRaaS), collaborated with the global maritime company to develop a tailored solution to address their specific challenges.

Site and Vessel Assessment:

Outbound Group conducted an extensive evaluation of the client's physical sites and vessels to identify critical data and systems. This assessment formed the basis for the disaster recovery plan.

Customised Disaster Recovery Deployment:

Outbound Group implemented a hybrid Disaster Recovery solution that combines cloud-based and on-premises disaster recovery. We pre-planned with the client how their geographically dispersed staff would access core systems during a disaster recovery event. This approach ensured redundancy and minimised downtime.

Data Encryption and Security:

To meet stringent data protection regulations, Outbound Group ensured robust encryption protocols and data security measures to safeguard sensitive cargo and passenger information.

Regular Testing and Monitoring:

Outbound Group established disaster recovery protocols with the client including routine testing and monitoring to ensure integrity and usability of each backup recovery point. The rigorous testing and proactivity in Outbound's Disaster Recovery-as-a-Service ensures all regulatory and compliance requirements are met – as well as providing peace of mind that the solution will work as designed if a disaster happens.



The solution is designed to be upgradable and to scale with the client's needs, allowing them to expand the service as their fleet and operations grow without needing to pay upfront for the capacity they will need in the future.

Benefits

Enhanced Data Resilience:

The client now has a robust disaster recovery solution that ensures data is always available across multiple platforms, minimising the risk of data loss or extended downtime in the event of system failures or disasters.

Regulatory Compliance:

By implementing stringent data protection measures, the client is in full compliance with industry-specific regulations, reducing the risk of fines and legal issues.

Operational Continuity:

The hybrid Disaster Recovery solution ensures minimal disruption in operations, enhancing the safety and efficiency of the client's vessel fleet.

Predictable and Controlled Cost:

The client has benefited from cost-effective scalability, paying only for the resources they use. This model has reduced the financial burden of disaster recovery while providing peace of mind. The solution from Outbound ensures that there are no unexpected add-ons or additional costs.

Peace of Mind:

The maritime company's management and stakeholders now have peace of mind, knowing that their critical data and operations are protected by a reliable disaster recovery solution.

Outbound Group's tailored Disaster Recovery as a Service solution has successfully addressed the global maritime company's specific challenges, **delivering enhanced resilience, compliance, and cost efficiency.** This case study demonstrates how a well-implemented Disaster Recovery solution can safeguard the operations and reputation of even the most complex and geographically dispersed organisations.

Get in touch

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Resilience on Demand: Your Business, Always On.

Disaster Recovery as a Service is a key component of our value proposition as a trusted IT partner.