



Binfer

Secure Communication

BINFER LLC



Secure Communications

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DATA SYNCHRONIZATION CASE STUDY

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BINFER LLC

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The Problem

Bernhard Schulte ship management (BSM), alongside their ERP provider, MariApps, needed a way to securely, quickly and reliably replicate large sets of data between their ships out in the sea and their central office on the shore. The data needed to be transferred frequently and needed to be stored in the centralized database.

Complication

BSM's main mechanism for data transfer was email attachments, and due to the nature of BSM's operations, it created a number of challenges for effective data transfer:

- Unstable internet connectivity on the ships was adding expenses caused by retransmission of interrupted data.
- Interruption in ship operations caused by unreliable data delivery.
- DVDs with ship software updates were getting damaged in transit.
- Expensive development cost in developing, maintaining and managing data transmission code.

The Solution

Binfer's data synchronization module helped alleviate all these pain points. The solution was deployed within days. Replication rules were quickly setup to synchronize data between vessels and shore. No central email servers, no size limits, no restarting transfers from zero.

With Binfer's data synchronization offering, BSM accomplished the following results:

- Reduced transfer time by 50%.
- Improved ship operations significantly by keeping information updated.
- Enabled ships to transfer documents and attachments which were not possible before due to Email size restrictions

Testimonial

"Until Binfer, we believed that replicating business data across the open ocean causing us a headache was just a cost of doing business. We were able to roll out Binfer on our vessels within a matter of days, and completely remove the hassle of data replication."

Sankar Ragavan, CEO MariApps