



Case Study: CargoDocs for Agents

Background

A leading, global Exporter of dry bulk cargos requested essDOCS calculate the impact of using electronic documents (eDocs), including Bills of Lading, via CargoDocs. This case study specifically focuses on Ship Agent-related savings.

Challenge

The laborious, paper-based documentation process at the dry bulk Exporter's facilities contributed to avoidable document delays, and, in turn, unnecessary costs as a result of inefficiencies arising from a reliance on paper.

Solution

The dry bulk Exporter elected to adopt CargoDocs – including electronic Bills of Lading – to accelerate documentation processes at its primary origin locations.

CargoDocs enables Exporters, Charterers, Importers, Agents and Carriers to replace paper shipping documents with original eDocs, including the all-important original, negotiable electronic bill of lading (eB/L), which can be electronically signed and legally transferred over essDOCS' secure online exchange.

The use of electronic documents at the dry bulk Exporter's origin locations create knock-on benefits throughout the supply chain by allowing for faster receipt and endorsement of original documents and facilitating the flow of data directly into operations and logistics systems - reducing the risk of fraud, removing re-keying errors and eliminating lost documents.

Note: This case study and the benefits herein demonstrate the added value achieved by two primary export locations, to which model calculations from implementing 100% paperless processes across these locations are also applied. The figures listed herein take into account *Agent-related savings only*.

Furthermore, labour cost calculations are based on conservative salary range averages, *not taking into account* (i) regional salary differences between global teams and (ii) multiple-employee involvement in document processes –instead assuming single employee time/cost involvement per document process.

Methodology

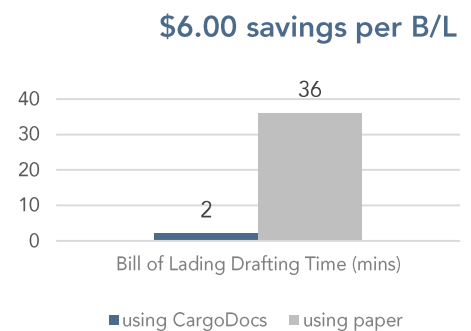
The findings below are based on questionnaire feedback submitted to essDOCS by the Exporter and a group of its key Ship Agents. The data collected covers the export documentary process only, and does not account for benefits across supply chain counterparts. Furthermore, the Case Study assumes an average of 2.5 Bills of Lading per shipment, adjusted to a per-B/L basis (where figures were submitted on a per-shipment basis).

Key Metrics

The figures below identify estimated savings of **\$33.20** per Bill of Lading (B/L) as a result of direct documentation handling savings using CargoDocs as an Agent. More specifically, the impact can be broken down as follows:

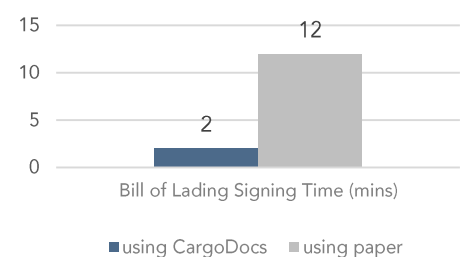
1. 95% reduction in avg. time drafting Bills of Lading:

B/L drafting times were slashed from 36 minutes per Bill of Lading (B/L) using paper to just 2 minutes using CargoDocs. This led to approx. \$6.00 labour cost saving per Bill of Lading (B/L) as a direct result



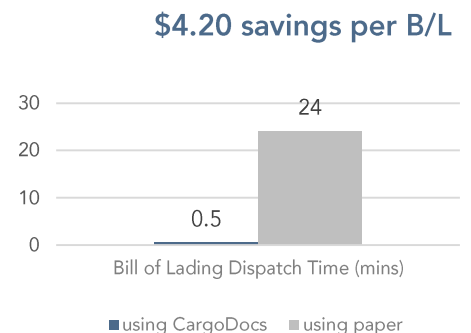
2. 83% reduction in avg. time signing Bills of Lading on behalf of Master: **\$1.80 savings per B/L**

Signing time was slashed from 12 min using paper to just 2 minutes using CargoDocs, leading to an approx. \$1.80 labour cost saving per B/L as a direct result



3. 98% reduction in avg. time arranging document dispatch:

Average time arranging dispatch of Original Bills of Lading and copies to relevant parties was slashed from 24 minutes to just 30 seconds, leading to an approx. \$4.20 labour cost saving per B/L as a direct result



4. Elimination of physical paper-related costs:

\$1.20 savings per B/L

As a direct result of eliminating paper and printer cartridges when switching to electronic documents, the customer saves approximately \$1.20 per B/L in direct physical paper-related costs

Key Metrics (cont/d)

5. Elimination of Courier Costs

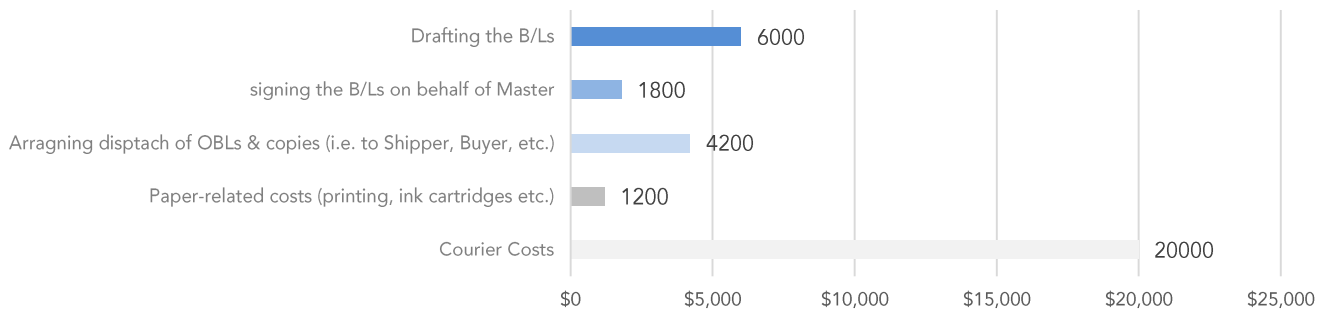
\$50 per document set, \$20 per B/L

Approx. \$50 per document set was saved as a result of eliminating the need to physically courier shipping documentation. On average, the dry bulk Exporter issues 2.5 B/Ls per shipment/document set, translating to a per B/L courier saving of \$20.

Cost-Saving Scenarios

1. 1000 B/Ls issued per annum

Cost-saving total: \$33,200 p.a.



2. 2000 B/Ls issued per annum

Cost-saving total: \$66,400 p.a.

3. 3000 B/Ls issued per annum

Cost-saving total: \$99,600 p.a.

4. 5000 B/Ls issued per annum

Cost-saving total: \$166,000 p.a.

5. 10000 B/Ls issued per annum

Cost-saving total: \$332,000 p.a.

Learn More

If you are interested in learning more about how CargoDocs can assist your trade operations processes or how these benefits can be calculated, please contact us via adopt@essdocs.com. We can support deploying CargoDocs to any location globally from any of our regional offices.