

To integrate business partners who do not use CargoWise One (CW1) with your CW1 system, it's best to have an integration solution in place.

Let's take an example of a business partner sending shipment files in formats – EDI, XML or CSV/Flat file with disorganized data which should ultimately create shipments or consolidations within your CW1 system. The only way to achieve this is to have an integration solution. The use case was as follows:

1. Business Partner sends an EDI 856 file with master bill, house bill, container, packing and transportation information.
2. A Consolidation needs to be created within CW1 for the master bill supplied if there is no existing consolidation for that particular master bill number.
3. A Shipment needs to be created within CW1 for the house bill and attach it to the Consolidation associated with the supplied master bill.
4. Additionally, populate the container, packing and transportation information in appropriate locations within CW1.

The screenshot shows the 'Shipments (Forwarding)' interface. At the top, there are search filters for 'Shipment #' and 'Consol #' with 'starts with' criteria. Below the filters is a toolbar with 'Help', 'Manage', 'Save', 'Reset', 'Group', 'Find', and 'Clear' buttons. A table displays one record with the following data:

Invoice Status	Branch	Shipment ID	Consol ID	Tra	Cont.	Origin	Dest.	Shipper	Consignee	House Bill Number	Master Bill
		S01354554	C00886433	SEA	LCL	DEHAM	THBKK	SHIPPER	CONSIGNEE	HBL00000123456	MBL00000123456

Consolidation Details:

The 'Consolidation Details' form contains the following information:

- Type:** AGT, **Agent:** Agent, **Transport:** SEA, **Sea Freight:** Sea Freight, **Container Mode:** LCL
- Domestic, **1st Load:** DEHAM, **Last Disc:** THBKK, **Phase:** SMF
- Voyage:** 16791660, **Vessel:** ROME EXPRESS
- Load Port:** DEHAM, **ETD:** 22-NOV-19 00:00, **ATD:** [Empty]
- Discharge:** THBKK, **ETA:** 22-NOV-19 00:00, **ATA:** [Empty]
- Is Domestic, Is Linked, Is Charter
- BOL:** MBL00000123456, **Service Level:** STD, Standard
- Payment:** PPD, Prepaid, **CRN:** [Empty], **Scr.:** UNK

Shipment ID	Consignee	Shipper	Origin	Dest.
S01354554	CONSIGNEE	SHIPPER	DEHAM	THBKK

Container Details:

The 'Container Details' form contains the following information:

- Container:** NYKU3628073, **Mode:** LCL
- Deliv. Mode:** CY/CY, **Type:** LOOSE
- Seal:** 0356340, **Sealed By:** [Empty]
- 2nd Seal:** [Empty], **Sealed By:** [Empty]
- 3rd Seal Num.:** [Empty], **Sealed By:** [Empty]

Shipment:

Mode Transport SEA Sea Freight Container LCL Less Container Load Type STD Standard House		Details House Bill HBL00000123456 <input type="checkbox"/> Domestic Origin DEHAM ETD 19-OCT-19 Destination THBKK ETA 22-NOV-19 Weight 691.000 KG Vol 0.000 CF Packs 1 PKG Inners 0 CTN Goods Value 0.00 USD Packages Detail Insurance Value 0.00 Chargeable 0.691 M3 WV 24.402 CF Description Details Marks & Nums. More... INCO Term Service Level STD Standard Entry Details ITN Issue Date Expiry Date Additional Terms Air Waybill Dims DEF Default (Dims, fallback to Vol) Release Type WBL Waybill Inspection UNK Unknown - No Security Measures Taken House Bill Type IAU IT Club Australia On Board SHP Shipped HBL Dlv. Mode Issue Date Originals 1 Copy Bills 1 Charges Apply SHW Show Collect Charges Exporter Stmt. Screening Status UNK Unknown ISF Bill Status e-freight Status Ctrl. Agent Ctrl. Customer Spot Rate 0.0000 STD Use Standard F	
Shipper <input checked="" type="checkbox"/> Override Address Contact Co. SHIPPER Addr. MERZBRUECK 206 Ctry. DE City WUERSELEN P/C 52146 State NW		Consignee <input checked="" type="checkbox"/> Override Address Contact Co. CONSIGNEE Addr. 1239 MOO6 BANGPRA Ctry. TH City SRIRACHA DIS P/C 52146 State	
<p>Automated creation of Job Header.</p>			

Transportation Leg Details:

Leg Details Defined By C00886433 Mode SEA Type MAI Status CNF Leg Order 1 <input type="checkbox"/> Charter Route <input type="checkbox"/> Is Linked		Notes [Empty]	
Voyage / Flight Details Voyage 16791660 Vessel ROME EXPRESS Creditor Carrier Carrier Reference MBL00000123456 Carrier Service Level			
Origin Details Load Port DEHAM Dep. From ETD 22-NOV-19 00:00 ATD CTO Receive CFS Receive CTO Cut Off CFS Cut Off Docs Due VGM Cut Off		Destination Details Discharge Port THBKK Arrival At ETA 22-NOV-19 00:00 ATA CTO Available CFS Available CTO Storage CFS Storage	

Packing Details:

Packs	Pk. Type	Container	Weight	Volume	Inspection	Origin	Commodity	Packing Order	Shipment ID	Import Ref Number
3	CTN		691.000	3.899			GEN	0	S01354554	HBL00000123456

Another use case we've implemented was for an international retail company. They sent purchase orders (PO), sales orders (SO), inventory lists to our middleware system and the middleware system updated our client's CW1 WMS (warehouse management system). We would send PO, SO and stock correction messages back to the international retail company in real-time.