



Customs & Logistics Integrations

Communicate effortlessly with the latest EDI technology.

Within the logistics sector, real-time, bi-directional exchange of data becomes more and more important. Everything moves towards digital communication. At the same time, there should be no doubt about the completeness and accuracy of the required documents. Is it a time-consuming task to prepare the necessary documents? Do you already use EDI, but are you afraid that it no longer meets the increasing requirements? Or do you no longer want to be dependent on a third party for your EDI connection?

Get started with the Customs & Logistics Integrations, simplify your work, and create a transparent process. Give yourself the opportunity to prevent incorrect data entry, minimize administrative actions and enhance your competitiveness.

Break through digital language barriers

For interaction with for example, Customs, Cargonaut or Portbase, you can use EDI technology. With the module Customs & Logistics Integrations, Boltrics offers a solid platform for organizing, managing, and processing data flows. With the standard messages, your system 'speaks' the correct language. With EDI-technology, these messages are delivered to the right place with just one push of a button.

Although structured messaging is key to successful collaboration, you also receive a lot of documentation in emails or PDFs. That is why you will also find powerful text recognition tools on our platform.

Always up to date with the latest technology

Like our other products, the solution is developed as a standard industry product. Based on our customers' input. We ensure that the connections are updated with each update and new items are added generically. Then, getting the latest links up and running is just a matter of enabling them, at no extra cost.

Connect servers and technology

The solution works cross-border and allows different systems to communicate effortlessly. Regardless of the underlying technology or on which server your solution runs. A future-proof platform with which you, together with the Boltrics peloton, can face developments in EDI communication.

A safe environment with Microsoft Azure

The solution is available in the secure cloud environment of Microsoft Azure. This ensures a safe and stable connection, for example, between your organization and Customs. In addition, it facilitates an unambiguous information provision and prevents miscommunication. It also offers the possibility to create and maintain a transparent process.

By opening integration options, you do not want to provide access to unauthorized persons. That is why we work with security such as authentication, encryption, and firewalls.

In addition, we protect your data by limiting incoming traffic to 1,000 HTTP web service calls per stream per minute. The file size of the messages is limited (by Microsoft) to 100 MB per message. Both values are large enough to ensure a smooth flow but limited enough to prevent your flow from being shut down by attackers.

Prevent unnecessary costs and pay-per-use

By choosing Customer & Logistics Integrations, you know in advance what costs to expect. No hidden costs, completely transparent. When activating a flow, you pay the implementation costs once. Subsequently, you pay per month based on actual use.

Never pay too much

All costs for the use of the Customs & Logistics Integrations are covered with your bundle amount. Your costs are therefore clear and stable. Your subscription will be charged from the moment the implementation activities start.

The bundle includes everything

The consumption of the bundle is calculated monthly based on the total number of transactions. In addition to the costs for software and Cloud Services, the connection, routing, and monitoring are also included in the monthly amount. Only the implementation activities in your business process are billed separately. A one-time software investment is therefore not necessary.

Calculating transactions

Each sent or received message is equal to one transaction. Communication with for example Customs, Cargonaut or Portbase can therefore quickly involve large numbers of transactions. In pricing per message, this would lead to sky-high costs. We limit this with the Customs & Logistics Integrations bundles. The higher your bundle, the lower the price per transaction. On top of that, you can benefit from a volume advantage.

How it works? Determine which Customs & Logistics Integrations bundle will suffice for your organization with the roadmap on the last page.

Implementing Customs & Logistics Integrations

What can you expect from us when implementing Customs & Logistics Integrations? Simple! We do what we promise. Just like our other products, Customs & Logistics Integrations is implemented fixed time, fixed price. This way, you always know in advance where you stand.

Fixed time: realization, testing and the go-live of a flow takes place in a period of one month after the start of realization of that interface.

As the client, you are responsible for the necessary permits, availability of adequate test capacity and response from your organization. Also consider the interaction with a third party with which the interface is set up.

Fixed price: the monthly bundle amount concerns an all-inclusive price. All costs of software and maintenance are included.

What costs are not included in your bundle?

Required license: to use Customs & Logistics Integrations, the license for the module Connector is required. If you set up an integration with Portbase, the implementation of the Ocean module is also required.

Modifications to your business process: when implementing Customs & Logistics Integrations, the implementation and modifications to your business process are excluded. Per declaration type, one day of Consultancy is charged.

Special message types: for the connections below, a monthly surcharge is charged on the bundle amount per 3PL Dynamics Administration:

Connection	Applies per	Price
AS2	Business partner/month	€ 25
X.400	X.400-address/month	€ 25
MQ	Business partner/month	€ 25
Monthly declarations (such as GPA)	Month	€ 150
(limited) Fiscal representation	Month	€ 50

Invoicing

The required bundle is determined monthly in arrears for each of the activated flows. Bundles are determined based on the measured consumption.

Mentioned prices are subject to change because of changes in purchasing from our suppliers, any changes will be communicated in advance.

Invoicing is done via direct debit.

Conversion table for high volume per flow

Aantal berichten	Factor
0 - 100	0,5
101 - 300	1
301 - 500	2
501 - 1,000	4
1,001 - 2,000	6
2,001 - 3,000	11
3,001 - 4,000	13
4,001 - 6,000	15
6,001 - 8,000	17
8,001 - 10,000	19
10,001 - 12,500	20
12,501 - 15,000	25
15,001 - 25,000	30
25,001 - 40,000	35
40,001 - 60,000	40
60,001 - 100,000	45
100,001 - 200,000	60
200,001 - 300,000	70
300,001 - 400,000	80
400,001 - 500,000	90
500,001 - 600,000	100
600,001 - 700,000	110
700,001 - 800,000	120
800,001 - 900,000	130
900,001 - 1,000,000	140
> 1,000,001	150

Customs & Logistics Integrations bundles

Number of transactions	Bundle
0 - 100	€ 75
101 - 250	€ 150
251 - 500	€ 225
501 - 1,000	€ 325
1,001 - 2,000	€ 500
2,001 - 4,000	€ 750
4,001 - 6,000	€ 1,000
6,001 - 8,000	€ 1,150
8,001 - 10,000	€ 1,250
10,001 - 15,000	€ 1,500
15,001 - 20,000	€ 1,750
20,001 - 25,000	€ 2,000
25,001 - 30,000	€ 2,250
30,001 - 35,000	€ 2,500

Messages per file

For one file that you send, you usually receive several reply messages. The table below shows average key figures to make an estimate. The different flows have a difference in system load and reuse in the industry. This distinction is taken into account in the bundle consumption by the weighting factor.

Type of filer*	Minimum	Weighing factor
AGS Import	4	0.5
AGS Export	4	0.5
NCTS Arrival	2	1
NCTS Departure	5	3
EMCS Arrival	3	1
EMCS Departure	3	1
GDB	3	2
PD Import	3	3
Portbase MID	2	2
Portbase MED	2	2
Provisioning (NL Customs)	2	1
Ladinginformatie	3	3
e-AWB	4	2
PGTS NOTIF-EXIT	2	2
PGTS PRE-ANN-EVENT	1	1
PGTS SND-INVENTORY	3	3
Courier Platform Shipments	1	2
Courier Platform Status stream	10	8
NOA Recognition NL	1	2
Purchase Invoice Recognition (per page)	1	0.1
Ocean Insights	75	2

***Explanation of the table above**

The overview of flows is not exhaustive, the standard weighting factor is 1. If the flow you are looking for is not listed, please ask us for key figures and the applicable weighting factor.

The overview includes the minimum number of messages involved in a file. In practice, these number may differ, especially with AGS Imports this regularly occurs.

You will often use a combination of flows on a WMS/FMS Document:

- Portbase MID/MED often with AGS or NCTS
- PD/GDB often with AGS Import

Roadmap: determine your bundle

Step 1. Determine your flows

The connection over which messages are sent is a stream. One flow is the combination of one message type and one customer in one administration in 3PL Dynamics. That is not necessarily the same as one declaration type.

Step 2. Calculate the number of transactions per flow per month

Estimate how many transactions you send and receive on average per month. Note that in most cases you will also receive a return message for every message to the third party.

Step 3. Volume advantage per flow

If you have a high volume in a flow, you will benefit from a volume advantage. That advantage is determined per flow by a conversion factor. You determine the conversion factor by first multiplying the number of messages in a stream (step 2) by the weighting factor. The result of this is accompanied by a conversion factor. The original number from step 2 is divided by the conversion factor. The conversion table on the previous page indicates by which number you may divide the calculated value.

Step 4. Decide which bundle you need

For each stream (step 1) you need a bundle. Based on your consumption on a stream (calculated in step 3), you can determine the appropriate Customs & Logistics bundle on the previous page.

Step 5. Calculate your monthly amount

Your monthly amount is the total of the bundles that you determined in the previous steps. On the previous page you will find the conversion table, an overview of the bundles and an overview of messages per declaration. Alongside, you find a calculation example, which will help you determine your bundle.

Calculation example

In this calculation example, we determine the bundle of an organization with one Administration. We calculate with example numbers for AGS and PD Import and with the minimum number from the overview.

1. Calculate how many flows you have

Flow 1: AGS Export

Flow 2: PD Import

2. Calculate your transactions for each flow per month

- Flow 1 – AGS Export:** 600 declarations per month
 Minimum 4 messages per declaration
 Total: **2,400** transactions per month
 Weighting factor for AGS is **0.5**.
 So: 2400 times 0.5 = **1,200** transactions
 With 1,200 transactions comes conversion factor **6**.
 2400 divided by 6 = **400** transactions.
 With 200 transactions comes bundle **€225**.
- Flow 2 – PD Import:** 5,100 declarations per month
 Minimum 3 messages per declaration
 Total: **15,600** transactions per month
 Weighting factor for AGS is **3**
 So: 15,600 times 3 = **46,800** transactions
 With 46,800 transactions comes conversion factor **40**.
 15,600 divided by 40 = **390** transactions.
 With 390 transactions comes bundle **€225**.

3. Determine the total monthly total

- Flow 1 – AGS Export:** €225
 - Flow 2 – PD Import:** €225
- Total: **€450**

Your volume advantages

In this example, you make a total of 5,700 declarations of AGS Export and PD Import per month for €450. That is only €0.079 per declaration.

