



DataHub

Communicate effortlessly and real-time 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. Do your customers require that you use the latest EDI-technology? 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 Boltrics DataHub and simplify your work to create a transparent process. Whether it concerns warehousing or transport. Give yourself the opportunity to reduce manual actions as much as possible and to reduce errors to a minimum.

Break through digital language barriers

With the DataHub, Boltrics offers a solid platform for organizing, managing and processing data flows. In fact, it is a jointly managed, collaborative platform that makes it easier to process data. In other words: it offers users the possibility to have data processed automatically in your own system and that of customers. The DataHub also functions as an interpreter: Boltrics takes care of the mapping of its own standard to the messages of your customer.

Always up-to-date with the latest technology

Like our other products, is DataHub 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. This way, everyone benefits from each other's knowledge and you can always use the latest features.

Connect servers and technology

The solution works cross-border and allows different systems to communicate with each other effortlessly. Regardless of the underlying technology or on which server your solution runs. A future-proof platform that works as a hub to which you can connect all your clients.

A safe environment with Microsoft Azure

The DataHub is available in the secure cloud environment of Microsoft Azure. This makes it possible for your organization to easily review your flows. In addition, it facilitates an unambiguous information provision and prevents noise on the line. It also offers the possibility to create and maintain a transparent process.

By opening up 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 you in the DataHub by limiting incoming traffic to 1000 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

Forget about complex price agreements. Simply select the subscription with the expected number of transactions and pay one amount per month. Are you adding a new customer, or does an order flow come to a standstill? You simply up- or downgrade your subscription bundle when the number of transactions changes. Without any additional costs for mapping.

Never pay too much

The mapping, routing and monitoring will take place via the Boltrics DataHub. Your DataHub subscription will be charged from the moment that the implementation activities start. By adjusting your bundle in time, you ensure that your costs stay in line with your consumption.

The bundle includes everything

The calculation is done monthly based on the total number of transactions per month. The costs for software, cloud services, mapping, routing and monitoring are therefore included in the monthly amount.

Calculation transactions

Each sent or received message is equal to one transaction. In a pricing per transaction this could lead to extensive and high costs. We limit that risk with the DataHub bundles. You choose a bundle with a fixed price per transaction. In addition, you can benefit from a volume advantage. How that works? Determine which DataHub bundle will suffice for your organization with the roadmap on the next page.



Integrate with DataHub

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

Fixed time: realization, testing and the go-live of a message 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 availability of adequate test capacity and response. From your organization, as well as your customer and/or supplier.

Fixed price: the monthly bundle amount concerns an all-inclusive price for the go-live of the of the agreed flow and the execution of the transactions. All costs of DataHub software, messaging and connection setup are included.

What costs are not included in your DataHub bundle?

Required license: to be able to use the DataHub, a license for the module Connector is required.

Modifications to your business process: the setup of the DataHub flow excludes modifications to the implementation of your business processes.

Transport costs: 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,- |

Increase or decrease your bundle

The bundle amount is invoiced monthly in advance, starting with the signing date.

You can adjust the bundle amount monthly. Simply send your request to decrease or increase your bundle to finance@boltrics.nl.

The new bundle amount will be invoiced the following month. Additional transactions outside the bundle are settled as an extra rate in € per transaction and are invoiced the following month.

Do you not want to be faced with surprises? Then there is the option of outsourcing the management of the bundles to Boltrics. In case of additional transactions outside your bundle, we will automatically increase your bundle, so that

you never have to deal with a bundle exceedance. Would you like to use this extra service? Send an email to finance@boltrics.nl.

Contract term DataHub

The contract has a duration of three years with the signing date as starting date. This agreement will subsequently be implicitly renewed for one year, unless one of the parties terminates it in writing no later than six weeks before the end of the agreement. In the case of a request for a new flow, the contract is extended by three years with the signing date as starting date.

Invoicing

Invoicing is done via a direct debit.

Roadmap: determine your DataHub bundle

Step 1. Calculate how many flows you have.

The connection over which messages are sent is a flow. One flow is defined as the combination of one message type and one customer in one Administration in 3PL Dynamics.

Step 2. Calculate your transactions for each flow per month.

Estimate how many messages you send and receive on average per month. Note that the receiving of, for example, an inbound is done via a different flow than the sending of the confirmation of goods receipt.

Step 3. Determine the conversion factor per flow.

Per flow, a conversion factor is applied. If you have a high volume per flow, you will benefit from a volume advantage. The applicable conversion factor is stated in the conversion table on the next page.

Step 4. Determine which bundle you need.

Which bundle you need depends on your usage. The bundle consumption of one flow per month is: the transactions of that flow in the month, divided by the applicable conversion factor. Your total bundle usage per month is the total of the bundle usage of all your flows from all your Administrations.

Step 5. Done! Benefit from your volume advantage.

On the next page you will find the conversion table, an overview of the DataHub bundles and a calculation example, which will help you determine your DataHub bundle. If you have trouble calculating or if you have any questions, we will gladly work it out with you. For this, you can contact marketing@boltrics.nl.

Conversion table for high volume per flow

| Number of messages | Factor |
|--------------------|--------|
| 0 – 100 | 0,5 |
| 101 – 300 | 1 |
| 301 – 500 | 2 |
| 501 – 2000 | 5 |
| 2001 – 5000 | 10 |
| 5001 – 7500 | 20 |
| 7501 – 10.000 | 30 |
| 10.001 – 12.500 | 40 |
| 12.501 – 15.000 | 50 |
| 15.001 – 25.000 | 60 |
| 25.001 – 40.000 | 70 |
| 40.001 – 60.000 | 80 |
| 60.001 – 100.000 | 90 |
| > 100.001 | 100 |

Determine your DataHub bundle: calculation example

In this calculation example, we determine the DataHub bundle of an organization with one Administration.

1. Calculate how many flows you have.

Sending inbound messages: **flow 1**.

Receiving inbound messages: **flow 2**.

Sending outbound messages: **flow 3**.

Receiving outbound messages: **flow 4**.

2. Calculate your transactions for each flow per month.

Flow 1 (sending inbound messages):

Average **30** inbound messages per week.

Total amount per month is: $30 \times 4 = \mathbf{120}$ transactions.

Flow 2 (receiving inbound messages):

Average **30** inbound messages per week.

Total amount per month is: $30 \times 4 = \mathbf{120}$ transactions.

Flow 3 (sending outbound messages):

Average **96** outbound messages per week.

Total amount per month is: $96 \times 4 = \mathbf{384}$ transactions.

Flow 4 (receiving outbound messages):

Average **96** outbound messages per week.

Total amount per month is: $96 \times 4 = \mathbf{384}$ transactions.

3. Determine the conversion factor per flow.

Flow 1 (sending inbound messages):

120 transactions, applicable conversion factor is **1**.

Sum: 120 divided by 1 = **120** transactions.

DataHub bundles

| Number of transactions | Bundle | Extra tariff outside the bundle |
|------------------------|--------|---------------------------------|
| 0 – 100 | € 150 | € 4,00 |
| 101 – 250 | € 300 | € 3,00 |
| 251 – 500 | € 450 | € 2,00 |
| 501 – 1000 | € 650 | € 1,50 |
| 1001 – 2000 | € 1000 | € 1,20 |
| 2001 – 4000 | € 1500 | € 1,00 |
| 4001 – 6000 | € 2000 | € 0,80 |
| 6001 – 8000 | € 2300 | € 0,70 |
| 8001 – 10.000 | € 2500 | € 0,60 |
| 10.001 – 15.000 | € 3000 | € 0,50 |
| 15.001 – 20.000 | € 3500 | € 0,40 |
| 20.001 – 25.000 | € 4000 | € 0,35 |
| 25.001 – 30.000 | € 4500 | € 0,33 |
| 30.001 – 35.000 | € 5000 | € 0,31 |

Flow 2 (receiving inbound messages):

120 transactions, applicable conversion factor is **1**.

Sum: 120 divided by 1 = **120** transactions.

Flow 3 (sending outbound messages):

384 transactions, applicable conversion factor is **2**.

Sum: 384 divided by 2 = **192** transactions.

Flow 4 (receiving outbound messages):

384 transactions, applicable conversion factor is **2**.

Sum: 384 divided by 2 = **192** transactions.

Total number of transactions after conversion factor:

120 + 120 + 192 + 192 = 624 valid transactions.

4. Determine which bundle you need.

For a total number of valid transactions of **624**, a DataHub bundle of **€650** will suffice.

5. Done! Benefit from your volume advantage.

In this example, you send and receive a total of 1008 messages per month for €650. That is € 0.64 per message. Without Conversion Factor, usage in bundle would fall to €1000 and cost € 0.99 per message.

In addition, 376 bundle transactions remain in bundle €650. This provides scope for, for example, supplying this customer with the extra service 'daily stock message' for the same bundle tariff or to add a new customer. In other words, the price per message decreases, while your service grows.