**JasperReports manual**
Last updated 22-11-2024

**0. Introduction**

In this document the basic functions of JasperReports are explained. It also contains information about the reports.

**Table of contents**

**Chapter Page**

0. Introduction 1

1. Get started 2

2. How To’s 3-5

3. Reports 6-8

4. Output reports to SFTP server with private key auth 9

4. FAQ’s 9-10

5. Mapping of old versus new JasperReports 10-11

**1. Get started**

**How to access?**

Go to <https://reports.transsmart.com/> and log in with the user name and password provided by a nShift employee.



**Basic functions:**



1. Home page
2. Click on a group to see the reports (see chapter ‘3. Reports’)
3. Click on a report to run and download it (see chapter ‘2.1 How to: download a report’)
4. Right mouse click to create/edit a schedule (see chapter ‘2.2 How to: schedule a report’)
5. Log Out

**2. How To’s**

**2.1 How to: download a report**
1. Run the report by clicking on it in the overview page.

2. Fill in the desired options. These can be different per report but most common ones are:

* Insert Date From ( = booking date)
* Insert Date To ( = booking date)
* Carrier
* Costcenter
* Service Level

3. Click ‘Apply’.

4. Then click the download icon and choose the format in which you want to download the report.

* “XLSX” is most probably the most used option; this is the standard Excel format.
* “PDF”
* “CSV”



**2.2 How to: schedule a report**

1. In the main screen with reports, in the first column with the clock, click with the right mouse button.

2. Click ’Schedule’.


3. In the next screen, choose options ‘Create Schedule’.


4. Fill in the following data:

A. Desired schedule:


B. Desired parameter options/filters:


Tip: ‘Date From’ / ‘Date To’: when filling in “MONTH-1” in both fields, it will use the start and end date of the previous month, which is very handy if you want to receive a monthly report on the first day of the new month.

Other possibilities are:

DAY

* DAY is today
* DAY-1 is yesterday
* DAY-2 is the day before yesterday
* Etc.

WEEK

* WEEK is the first day of this week
* WEEK-1 is the first day of last week
* Etc.

MONTH

* MONTH is the first day of this month
* MONTH-1 is the first day of last month
* Etc.

If you for instance want to schedule a report on Mondays, which contains all data of previous week then the date range is DAY-7 to DAY-1.

C. Desired format. If you want to receive the report via a FTP-server, you can set it up in here. If you want to receive an email with attachment, go to the next “D - Notifications”:



* Overwrite Files: in case you push to FTP, when turning this setting on, it will overwrite the file if it already exists with the same name.
* Sequential File Names by Timestamp: when turning on, this will make the file names unique (both as email attachment as in pushing to FTP) by putting a unique timestamp behind it.

D. Desired email options:



After filling in all fields, save the schedule and give it a job name.
The email will be sent by noreply@transsmart.com.

**3. Reports**

 **A. Shipment Reports**

|  |  |
| --- | --- |
| A01 Shipments Per Month | Shows **counter** of shipments per month.* *Filters:* *First Month, Last Month*
* *Statuses: non specified*
 |
| A02 Shipments Per Month Per Carrier | Shows **counter** of shipments per month per carrier with totals per carrier and totals per month.* *Filters: First Month, Last Month, Carriers, Costcenter*
* *Statuses: non specified*
 |
| A03 Shipments Per Week Per Carrier | Shows **counter** of shipments per week per carrier with totals per carrier and totals per week.* *Filters: First Week, Last Week, Carriers, Costcenter*
* *Statuses: non specified*
 |
| A04 Shipments Per Month Per Carrier Per Service Level | Shows **counter** of shipments per month per carrier per service level with totals per month.* *Filters: First Month, Last Month, Carriers, Costcenter*
* *Statuses: non specified*
 |
| A05 Shipments Per Month Per Country | Shows **counter** of shipments per month per carrier per country with totals per month.* *Filters: First Month, Last Month, Carriers, Costcenter, Country*
* *Statuses: non specified*
 |
| A06 Package-Shipment Ratio Per Month Per Carrier | Shows **ratio** of the number of package lines per shipment per month per carrier.* *Filters: First Month, Last Month, Carriers, Costcenter*
* *Statuses: non specified*
 |
| A07 Shipments Per Month Per Group  | Shows **counter** of shipments per month per account with totals per account and totals per month. * *Filters: First Month, Last Month*
* *Statuses: non specified*
 |
| A08 Shipments Per Month Per Group And Subgroup  | Shows **counter** of shipments per month per subaccount with totals per subaccount and totals per month.Only shows accounts which have subaccounts. * *Filters: First Month, Last Month*
* *Statuses: non specified*
 |
| A09 MyTranssmart Package Report | Shows **shipment details** split out per package. Report has same format as the Excel download that can be done in MyTranssmart dashboard in menu Reporting with ‘Report type’ = “Collo”.* *Filters: Account Code, Date From, Date To, Carrier, Costcenter, Service Level Time, Service Level Other, Country, Status*
* *Statuses: non specified*
 |

**E. Performance Reports**

|  |  |
| --- | --- |
| E01 Shipments Booked | Shows **booked shipment details** on package level in a specific time range with several filter options.* *Filters: Date From, Date To, Account Code, Carrier, Carrier Account Number, Service Level Time, Service Level Other, Country*
* *Statuses: BOOK, LABL, MANI, TRNS, ACCEP, DONE, APOD, ONHOLD*
 |
| E02 Shipments Booked All | Shows **booked shipment details** on shipment level in a specific time range.* *Filters: Date From, Date To*
* *Statuses: all, except DEL, ERR, NONE*
 |
| E03 Shipment Exceptions | Shows **booked shipment details** in a specific time range for delayed shipments and shipments with an exception status.* *Filters: Date From, Date To, Account Code, Carrier, Carrier Account Number, Service Level Time, Service Level Other, Country*
* *Statuses: NEW, BOOK, LABL, MANI, TRNS, ACCEP, APOD, DELAY, ONHOLD, REFU*
 |
| E04 Shipment Overview | Shows **booked shipment details** in a specific time range per weight range per account including Sell Price.* *Filters: Date From, Date To, Account Code, Carrier, Carrier Account Number, Service Level Time, Service Level Other, Country*
* *Statuses: BOOK, LABL, MANI, TRNS, ACCEP, DONE, APOD*
 |
| E06 Shipment Performance | Performance overview that shows **booked shipment details** in a specific time range with times, dates and statuses.* *Filters: Date From, Date To, Account Code, Carrier, Carrier Account Number, Service Level Time, Service Level Other, Country*
* *Statuses: non specified*
 |
| E07 Package Performance Report | Carrier performance overview that shows **booked shipment details** on package level and shows if packages were delivered on-time or were X days late. Contains a summary per account per carrier and details per account per X days late.* *Filters: Date From, Date To, Account Code, Carrier, Carrier Account Number, Service Level Time, Service Level Other, Country*
* *Statuses: all, except DEL, ERR, NONE*
 |
| E08 Package Performance Report StopLeadTime Based | Refined version of report E07, which takes into account carrier status codes for delivery at pickup points and delivery attempts.* *Filters: Date From, Date To, Account Code, Carrier, Carrier Account Number, Service Level Time, Country*
* *Statuses: all, except DEL, ERR, NONE*
 |
| E09 Tracking Overview Customer | Shows **booked shipment details** on package level in a specific time range filtered on AWB (Tracking\_Number) per Account.* *Filters: Date From, Date To, Account Code, Carrier, Carrier Account Number, Service Level Time, Service Level Other, Country*
* *Statuses: BOOK, LABL, MANI, TRNS, ACCEP, DONE, APOD*
 |
| E11 Shipment Overview | Shows **booked shipment details** on shipment level in a specific time range filtered on specific statuses.* *Filters: Date From, Date To, Account Code, Carrier, Carrier Account Number, Service Level Time, Service Level Other, Country*
* *Statuses: LABL, TRNS, DONE*
 |

**4. Output reports to SFTP server with private key authentication**

This section only applies to customers that have access to <https://reports.transsmart.com/>. If you do not have access but want this, please reach out to the Transsmart Support department.

The Transsmart reports can be run by the click of a button when you’re logged in.

Alternatively you can also choose to run reports off-line with a fixed frequency automatically. Simply right-click the report and select “Schedule”.
There are a few ways to get the output from that report sent to you:

* email (configured under the Notifications tab)
* FTP/SFTP (configured under the Output Options tab)

In case you want to receive the output from a Transsmart report on an SFTP server with private key authentication, please take care of these steps on the Output Options tab:

1. select the checkbox “Output to FTP server”
2. fill out the server details, including the user name
3. select the checkbox “SSH Key Authentication”
4. browse to select the Transsmart private key under Root > Keys

On your SFTP server you will have to configure the Transsmart public key for the user that you configured in the schedule. You can download the Transsmart public key [here](https://helpcenter.nshift.com/hc/en-us/article_attachments/21434259404316).

**5. FAQ’s**

**5.1 Can I get access to JasperReports with an Essential (Standard) license?**
No, only with a Professional (Business) or Premium (Advanced) license you can get access.
In our functionality list the section SmartReporting mentions that with an Essential license you will only get access to the basic Excel reports and by those, we mean the Excel downloads of shipments and/or packages in myTranssmart section Reporting.

**5.2 What is the difference between old and new JasperReports (besides the newer design)?**
Before some reports used the Pickup Date From/To and some reports used the Insert Date of the shipments. In the new JasperReports all reports are based on Insert Date. It’s now consequent + in line with our invoicing system.

**5.3 How to request a new user account?**Please send a request via our Support Portal and mention the desired user name and Account Code. Also mention to which email address the user name + password can be sent.

**5.4 Can I create my own report?**
No, JasperReports contains a fixed set of reports. It’s not a dynamic report creation tool; our customers mostly use their own reporting tools such as PowerBI, Qlik Sense, Tableau etc. so what you can do, is schedule a report to automatically place a report on your FTP-server and use that as input for your own reporting tool.

In case you suggest a specific report, we can add it to our Idea board and other customers have the possibility to vote for it. It might mean we build it in our standard set of A or E reports.

**5.5 Why is there a limit of 62 days in report A09 MyTranssmart Package Report?**

Just like in the MyTranssmart report, there is a limit of downloading max. 62 days of shipments. We have done this because of the heavy load on our server when customers with large amount of shipments would download all shipments.

The advantage of JasperReport A09 over the MyTranssmart report, is that in MyTranssmart there is also a limit on the maximum of shipments even within those 62 days. JasperReport A09 does not have that limit.

**5.6 Why don’t I see all carriers in the Carrier Account Number filter or why are specific carriers missing in the report?**

The source of the filter for Carrier Account Numbers is taken from an internal setting in our backend system; we call it a Client-Carrier qualifier named “CARRIERACCNO”. It there are carriers with a different setting in our backend, then those should also be added to your setup by a nShift employee; please send a request via our Support Portal.

**5.7 Why do I see old carriers in the Carrier filter of the A reports?**
It’s possible that in the filter you see old carrier codes because this filter is looking at which carriers are used in all historical bookings. Of course it’s possible that you are not using a specific carrier anymore, so it’s not visible in the Carrier Code filter in MyTranssmart but of course in the report you do want to see old shipments of that carrier and that explains why there can be a difference for this filter.

**6. Mapping of old versus new JasperReports**

|  |  |
| --- | --- |
| **Old** | **New** |
| A1 Aantal Zendingen per Maand | A01 Shipments Per Month |
| A2 Zendingen per Vervoerder per Maand | A02 Shipments Per Month Per Carrier |
| A3 Zendingen per Vervoerder per Week | A03 Shipments Per Month Per Week |
| A4 Zendingen per Vervoerder/Servicelevel per Maand | A04 Shipments Per Month Per Carrier Per Service Level |
| A5 Zendingen per Land per Maand | A05 Shipments Per Month Per Receiving Country |
| D1 Gemiddeld aantal collo/zending per Vervoerder per Maand | A06 Package-Shipment Ratio Per Month Per Carrier |
| S1 Zendingen per Group per Maand | A07 Shipments Per Month Per Group |
| S2 Zendingen per Group per Customer per Maand | A08 Shipments Per Month Per Group And Subgroup |
| - | A09 MyTranssmart Package Report |
| E1 EP Shipments Booked | ZEP1 (identical to E1, except for last column = average between buy and sell rate) |
| E1 Shipments Booked | E01 Shipments Booked |
| E1.1 Shipments Booked Customer View | E02 Shipments Booked Customer View |
| E2 Exception Report | - (identical to E3, except for one column, this column is added to E03) |
| E3 Exception Report Customer View | E03 Exception Report |
| E4 Shipment Overview | E04 Shipment Overview |
| E5 Shipment performance | E06 Shipment Performance |
| E6 Tracking Overview | E09 Tracking Overview |
| E7 Package Performance Report | E07 Package Performance Report |
| E7 Package Performance Report StopLeadTime Based | E08 Package Performance Report StopLeadTime Based |
| E8 Tracking Overview Customer | E09 Tracking Overview Customer |
| E9 Shipment Overview | E11 Shipment Overview |