TYRESOFT · FILE-BASED INTEGRATION

Partner Integration Guide

File exchange with the TyreSoft system: XML orders, PDF waybills, tracking numbers in the Waybill CSV file and stock levels as CSV.

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Orders XML

The partner sends orders; TyreSoft imports and fulfils them.

Waybills PDF

Shipping document for every dispatched parcel.

Waybill File CSV

Tracking numbers matched to the partner's orders.

Stock levels CSV

A single, continuously updated file with available quantities.

01

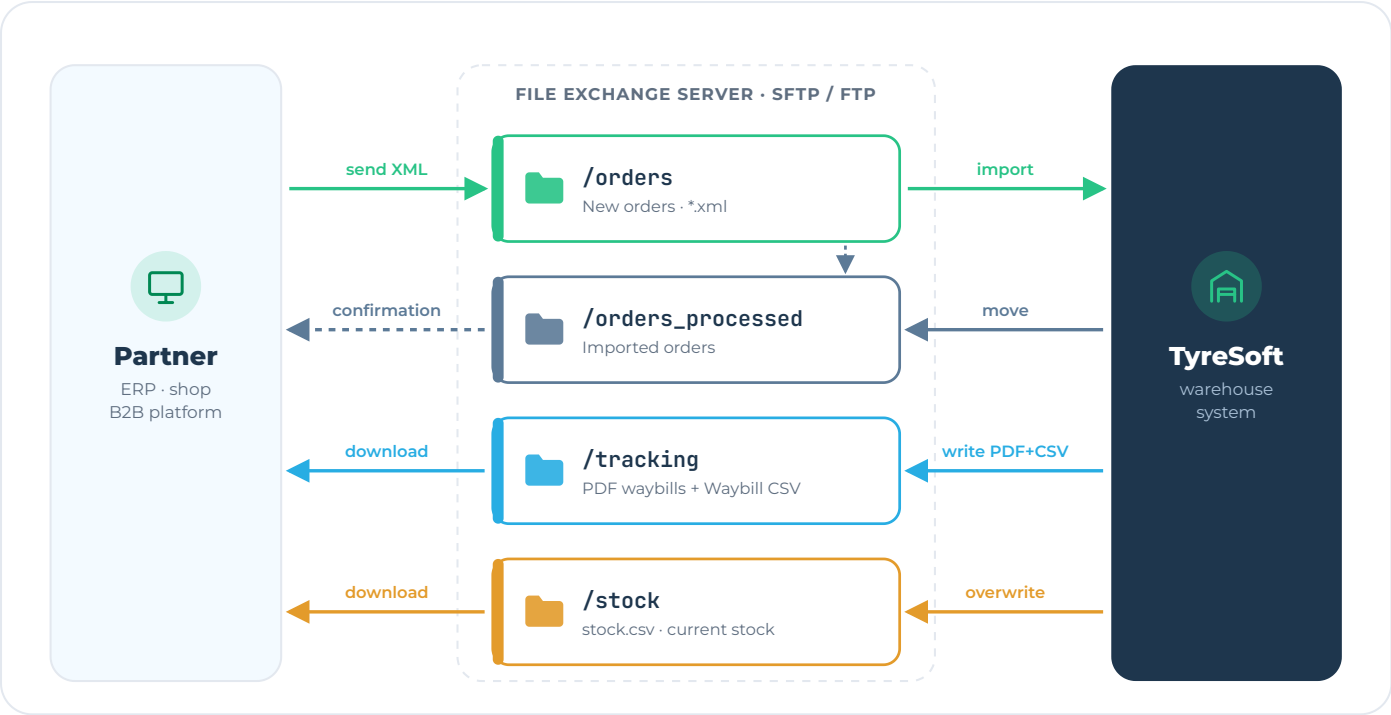
Introduction

Integration with TyreSoft works by exchanging files on a shared server (SFTP/FTP). No API or permanent connection between the systems is needed: each side writes and reads files in designated directories. Server credentials are issued individually to each partner.

02

Data flow

The diagram shows who writes and who reads files in each directory. Arrows show the direction of data flow.



Order lifecycle

1

Order placed

The partner saves an XML file in the `/orders` directory.

2

Import

TyreSoft picks up new files at regular intervals and creates the orders in the system.

3

Confirmation

After a successful import the file is moved, unchanged, to `/orders_processed`.

4

Fulfilment

The order is picked, packed and handed over to the carrier.

5

Tracking number

A PDF waybill and a line in the Waybill CSV appear in `/tracking`.

Stock levels

Independently of orders, TyreSoft regularly overwrites `/stock/stock.csv` with current stock levels. The partner downloads it to know which products, and how many, can be ordered.

03

Directory structure

The partner has four directories on the server. Each directory has exactly one “owner” who writes to it.

```
/
├── orders/            Partner → new orders (*.xml)
├── orders_processed/  TyreSoft → imported orders
├── tracking/          TyreSoft → waybills (*.pdf) + Waybill (*.csv)
└── stock/             TyreSoft → stock.csv, current stock
```

DIRECTORY	WRITTEN BY	READ BY	FORMAT	FILE NAME	MEANING
/orders	Partner	TyreSoft	XML	`{number}.xml`	New orders waiting to be imported.
/orders_processed	TyreSoft	Partner	XML	unchanged	Orders accepted into the system. File present = order accepted.
/tracking	TyreSoft	Partner	PDF, CSV	`{TrackingId}.pdf` `waybill_YYYYMMDD_HHMMSS.csv`	Waybills and tracking numbers for dispatched parcels.
/stock	TyreSoft	Partner	CSV	`stock.csv`	Always a single file with current stock.

> If a file stays in `/orders` for longer than one import cycle, please contact us: it may contain a structural error.

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XML order

Each order is a separate XML file with a fixed structure. Below are all elements, the formatting rules and a complete example.

General rules

- One file = one order. **UTF-8** encoding, declaration `<?xml version="1.0" encoding="UTF-8"?>`.
- The file name is the partner's order number with the `.xml` extension, e.g. `00006475-WY.xml`. File names must be unique.

- Root element `<DOCUMENTORDER>`; section order: `INVOICE` → order data → `PRODUCTS` → `DELIVERY`.
- Dates in `YYYY-MM-DD` format. Amounts with a dot as decimal separator (`157.00`). Prices are **net** prices.
- Optional fields may be omitted or left empty, e.g. `<PHONE></PHONE>`.
- Special characters must be escaped: `&` → `&`, `<` → `<`, `>` → `>`.

Element reference

W = required (wymagane) · **O** = optional

ELEMENT	W/O	DESCRIPTION	EXAMPLE
Buyer invoice data: `<INVOICE>`			
`<NUMBER>`	W	Contractor's order number (document number in the partner's system).	`178`
`<FROM>`	W	Unique contractor code (Company ID), agreed with TyreSoft.	`1234563218`
`<NAME>`	W	Full company name for the invoice.	`Firma Przykładowa Sp. z o.o.`
`<TAXID>`	W	Buyer's VAT number.	`1234563218`
`<STREET>`	W	Street.	`Przykładowa`
`<STREETNUMBER>`	W	Building / apartment number.	`1/2`
`<POSTALCODE>`	W	Postal code.	`00-001`
`<CITYNAME>`	W	City.	`Warszawa`
`<COUNTRY>`	W	Country.	`Polska`
Order data			
`<DATE>`	W	Order date (YYYY-MM-DD).	`2026-10-31`
`<DELIVERYDATE>`	W	Shipment date requested by the customer.	`2026-11-02`
`<ORDERCURRENCY>`	W	Order currency (ISO 4217 code).	`PLN`
`<NUMBER>`	W	Individual order number assigned by the contractor. Returned in the Waybill CSV as `CustomerRef`.	`00006475-WY`
Products: `<PRODUCTS><PRODUCT>` (repeatable, one per line item)			
`<CODE>`	W	Unique product code: EAN or manufacturer code (as in `stock.csv`).	`PO488H1`
`<NAME>`	W	Product name.	`Opona 205/65R16C …`
`<ORDERQUANTITY>`	W	Ordered quantity (integer).	`4`

ELEMENT	W/O	DESCRIPTION	EXAMPLE
`<SELL_PRICE>`	W	Unit net price.	`157.00`
Delivery: `<DELIVERY>`			
`<MODEOFTRANSPORT>`	O	Transport type: `1` = courier, `2` = ordering party's courier.	`1`
`<CODCOST>`	O	Cash-on-delivery amount. `0` = no COD.	`0`
`<CUSTOMERNAME>`	W	Delivery recipient's name.	`Firma Przykładowa Sp. z o.o.`
`<STREET>`	W	Street.	`Przykładowa`
`<STREETNUMBER>`	W	Building / apartment number.	`1/2`
`<POSTALCODE>`	W	Postal code.	`00-001`
`<CITYNAME>`	W	City.	`Warszawa`
`<COUNTRY>`	W	Country.	`Polska`
`<PHONE>`	O	Recipient's phone, in case of delivery problems.	`+48 600 100 200`
`<PACKQ>`	O	Number of parcels.	`4`
`<LINK>`	O	Link to the waybill (PDF), with `MODEOFTRANSPORT = 2`.	`https://…/label.pdf`
`<COMMENTS>`	O	Notes for the courier.	`Dostawa 8–16`

Complete file example

An order with two line items and the optional fields filled in.

00008120-WY.xml — /orders

```
<?xml version="1.0" encoding="UTF-8"?>
<DOCUMENTORDER>
<INVOICE>
  <NUMBER>181</NUMBER>
  <FROM>1234563218</FROM>
  <NAME>Firma Przykładowa Sp. z o.o.</NAME>
  <TAXID>1234563218</TAXID>
  <STREET>Przykładowa</STREET>
  <STREETNUMBER>1/2</STREETNUMBER>
  <POSTALCODE>00-001</POSTALCODE>
  <CITYNAME>Warszawa</CITYNAME>
  <COUNTRY>Polska</COUNTRY>
</INVOICE>
<DATE>2026-10-31</DATE>
<DELIVERYDATE>2026-11-02</DELIVERYDATE>
<ORDERCURRENCY>PLN</ORDERCURRENCY>
```

```
<NUMBER>00008120-WY</NUMBER>
<PRODUCTS>
  <PRODUCT>
    <CODE>PO488H1</CODE>
    <NAME>Opona 205/65R16C SNOWTOUR 107/105R POWERTRAC</NAME>
    <ORDERQUANTITY>4</ORDERQUANTITY>
    <SELL_PRICE>157.00</SELL_PRICE>
  </PRODUCT>
  <PRODUCT>
    <CODE>225/70R15CSC328</CODE>
    <NAME>Opona 225/70R15C SC328 112/110R GOODRIDE</NAME>
    <ORDERQUANTITY>2</ORDERQUANTITY>
    <SELL_PRICE>178.00</SELL_PRICE>
  </PRODUCT>
</PRODUCTS>
<DELIVERY>
  <MODEOFTRANSPORT>1</MODEOFTRANSPORT>
  <CODCOST>0</CODCOST>
  <CUSTOMERNAME>Firma Przykładowa Sp. z o.o.</CUSTOMERNAME>
  <STREET>Przykładowa</STREET>
  <STREETNUMBER>1/2</STREETNUMBER>
  <POSTALCODE>00-001</POSTALCODE>
  <CITYNAME>Warszawa</CITYNAME>
  <COUNTRY>Polska</COUNTRY>
  <PHONE>+48 600 100 200</PHONE>
  <PACKQ>6</PACKQ>
  <LINK></LINK>
  <COMMENTS>Dostawa w godz. 8-16</COMMENTS>
</DELIVERY>
</DOCUMENTORDER>
```

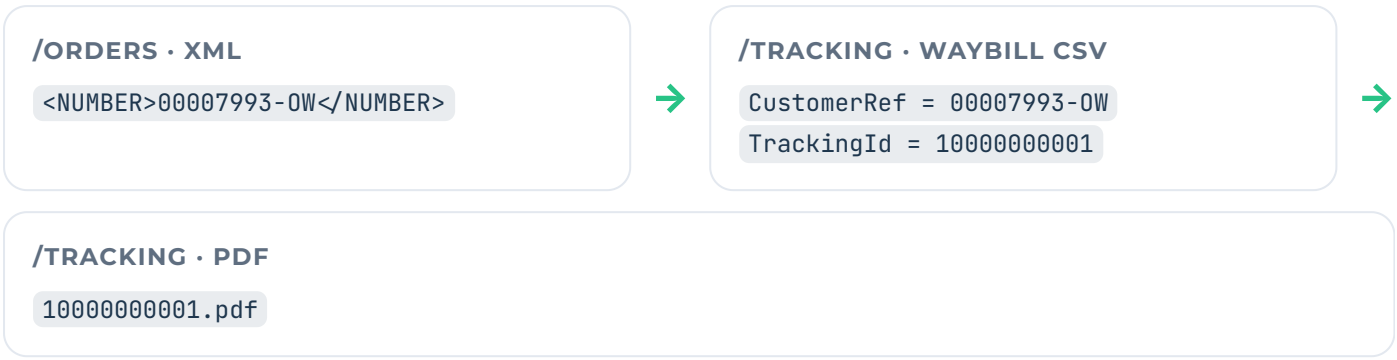
05

PDF waybills

For every dispatched parcel TyreSoft saves a PDF shipping document in the `/tracking` directory.

- The file name is the tracking number, e.g. `10000000001.pdf`. The same number appears in the `TrackingId` column of the Waybill CSV.
- An order shipped in several parcels has several PDF files, one per parcel.
- To match a PDF to an order, look up its number in the Waybill CSV and read the `CustomerRef` column.

How the files link together



Partner's own carrier (MODEOFTRANSPORT = 2)

If the shipment is collected by the ordering party's carrier, the partner provides its own waybill as a URL in the `<LINK>` field of the `<DELIVERY>` section. A print-ready PDF must be available at that URL.

06

Waybill CSV

The Waybill CSV links tracking numbers to the partner's orders. TyreSoft saves it in the `/tracking` directory.

File format

- Separator: semicolon `;`. UTF-8 encoding. The first row contains column headers.
- Every row ends with a semicolon.
- One row = one parcel (one tracking number). An order shipped in several parcels takes several rows.
- The `DeliveryDate` column uses the `D-M-YYYY` format, e.g. `21-7-2020`.
- File name: `waybill_YYYYMMDD_HHMMSS.csv`.
- The key linking a row to an order is `CustomerRef`, i.e. the partner's order number.

COLUMN	DESCRIPTION	EXAMPLE
CompanyId	TyreSoft company / branch identifier.	100
CustomerId	Partner number in the TyreSoft system.	100001
DeliveryDate	Dispatch date (D-M-YYYY).	21-7-2020
PickingListId	Picking list number.	PM1071083
LineNum	Line number on the picking list.	1
PackingSlipId	Packing slip (dispatch note) number.	PX2120101

COLUMN	DESCRIPTION	EXAMPLE
`OrderId`	Order number in the TyreSoft system.	`QV200686844`
`CustomerRef`	**Partner's order number** (`NUMBER` from the XML file).	`00007993-OW`
`ItemId`	Product code.	`GY2154516HEFFP`
`EanItemId`	Product EAN.	`5452000571731`
`QuantityDelivered`	Quantity shipped in this parcel.	`1`
`TrackingId`	**Tracking number** (= PDF file name).	`10000000001`
`DeliveryMode`	Carrier / service code.	`GLSPLFR`

Example

`waybill_20200721_140000.csv` — `/tracking`

```
CompanyId;CustomerId;DeliveryDate;PickingListId;LineNum;PackingSlipId;OrderId;CustomerRef;I
100;100001;21-7-2020;PM1071083;1;PX2120101;QV200686844;00007993-
OW;GY2154516HEFFP;5452000571731;1;10000000001;GLSPLFR;
100;100001;21-7-2020;PM1071082;1;PX2120101;QV200688021;00008002-
OW;PI2754521YSCZEASPLRX;8019227343250;1;10000000002;GLSPLFR;
100;100001;21-7-2020;PM1071082;2;PX2120101;QV200688021;00008002-
OW;PI2754521YSCZEASPLRX;8019227343250;1;10000000003;GLSPLFR;
100;100001;21-7-2020;PM1071081;1;PX2120102;QV200682112;00007952-
WY;HI2256516RTRANSIT;6953913105550;1;10000000004;GLSPLFR;
100;100001;21-7-2020;PM1071084;1;PX2120103;QV200685555;00007828-
WY;GY2055516HEFFIPRE;5452000812018;1;10000000005;GLSPLFR;
```

> Order `00008002-OW` was shipped in two parcels, so it has two rows with different `TrackingId` numbers.

07

Stock CSV

The `/stock` directory always contains one current `stock.csv` file. TyreSoft overwrites it at agreed intervals with the complete list of available products. The file contains no history and no incremental changes.

- Semicolon `;` separator, UTF-8 encoding, headers in the first row, dot as decimal separator.
- Always read the whole file and treat it as the full stock: a product missing from the file is unavailable.
- Use the value of the `Code` column as `<CODE>` in the XML order.

- The `UpdatedAt` column shows when the stock snapshot was generated.

COLUMN	DESCRIPTION	EXAMPLE
Code	Product code, used as `<CODE>` in the order.	GY2154516HEFFP
EAN	EAN code.	5452000571731
Name	Product name.	Opona 215/45R16 …
Quantity	Available quantity (pcs).	24
Price	Partner net price.	289.00
Currency	Price currency.	PLN
UpdatedAt	Time the snapshot was generated.	2026-10-31 12:00

stock.csv /stock

```
Code;EAN;Name;Quantity;Price;Currency;UpdatedAt
GY2154516HEFFP;5452000571731;Opona 215/45R16 Goodyear EfficientGrip
Performance;24;289.00;PLN;2026-10-31 12:00
GY2055516HEFFIPRE;5452000812018;Opona 205/55R16 Goodyear EfficientGrip
Performance;40;265.00;PLN;2026-10-31 12:00
PI2754521YSCZEASPLRX;8019227343250;Opona 275/45R21 Pirelli Scorpion
Zero;8;912.00;PLN;2026-10-31 12:00
PO488H1;;Opona 205/65R16C SNOWTOUR 107/105R POWERTRAC;12;157.00;PLN;2026-10-31 12:00
225/70R15CSC328;;Opona 225/70R15C SC328 112/110R GOODRIDE;0;178.00;PLN;2026-10-31 12:00
```

> The set of columns (e.g. prices, delivery time) and the update frequency are agreed with the partner during onboarding.

08

Best practices

Atomic upload

Upload the file under a temporary name (e.g. `.tmp`) and rename it to `.xml` only when the upload is complete. The import will then never pick up a partial file.

Leave the archive alone

Do not modify or delete files in `/orders_processed`. They confirm that the order was accepted.

No duplicates

Every file in `/orders` is treated as a new order. Do not resend the same order under a different name.

Read regularly

Check `/tracking` periodically and keep track of the files you have already processed.

Check stock

Compare quantities with the current `stock.csv` before placing an order.

Changes & cancellations

Report corrections or cancellations of submitted orders directly to TyreSoft.

09

Going live

1

Agree the scope

We agree the partner identifier (`FROM`), currency, delivery method and the data included in `stock.csv`.

2

Server access

The partner receives a username and password for the server with the prepared directories.

3

Product mapping

The partner downloads `stock.csv` and maps the `Code` values to its own catalogue.

4

Test order

The partner sends a file marked `TEST` in `<COMMENTS>` and checks that it is moved to `/orders_processed`.

5

Go live

Once the test is approved, orders are fulfilled as normal.

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Contact

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