

## What does the transition to TrackOnline mean for exporting XML formats?

**Switching from Avalanche to TrackOnline introduces changes for customers concerning the export and import of XML files. To ensure a smooth transition, it is important to understand exactly what is changing and which steps may be required on your part.**

When you switch from Avalanche to TrackOnline, the structure of the XML format you use will change. This means you may need to adjust your existing processes or systems - such as your import script or configurator - to remain compatible with the new structure. Sometimes you can make these modifications yourself, but in other cases, it is advisable to work together with your software provider to ensure a seamless migration.

### Main differences between the XML formats

When transitioning from the old format (TransactionData) to the new format (TransactionOverview), there are several essential differences to be aware of. These are described below:

- **XML Structure**

The structure of the XML file changes, which affects how data is read and processed.

TrackOnline contains additional structures such as:

- Multiple Item elements per transaction
- Product and Document as separate entities
- Relations between Transaction, Item, ItemTag, Product, and Document

This means that XML files you receive from or import into TrackOnline may have a more complex structure than you are used to with Avalanche. Data is now described in greater detail and is often divided into individual components. As a result, your XML parser or import script must not only recognize the new root element but also accommodate the revised nesting and interrelations between the different entities.

#### Action:

- Check if your current XML parser can handle these new structures and relationships.
- Adjust your import configuration if needed so all relevant data is correctly imported.
- Thoroughly test the import process with a sample file from TrackOnline before completing the transition.
- If needed Consult your software supplier for technical support when adapting your system.

By following these steps, you prevent important information from being lost or processed incorrectly and ensure a smooth transition to the new system.

- **Root element**

| System      | Root element                        |
|-------------|-------------------------------------|
| Avalanche   | <Transactions> or <TransactionData> |
| TrackOnline | <TransactionImportDataSet>          |

Action: Adjust the XML parser or import configuration so that the new root element is correctly recognized. Without this adjustment, the file may be considered invalid.

- **Date and time notation**

The way dates and times are displayed differs, which can affect automated processing:

Avalanche use local time with time zone (e.g., +02:00)

TrackOnline uses UTC (e.g., +00:00)

Example:

| Field           | Avalanche Format (with timezone) | TrackOnline Format (UTC)          |
|-----------------|----------------------------------|-----------------------------------|
| DateTransaction | 2025-07-28T15:26:02+02:00        | 2025-07-31T07:24:00+00:00         |
| CreatedOn       | 2025-07-29T11:39:19.27+02:00     | 2025-07-31T06:30:23.4879543+00:00 |

In the new format, dates are recorded in UTC, while the old format used local time with a timezone offset.

Action: Check whether your system correctly handles timezone conversion, especially for planning and reporting purposes.

- **Empty fields**

In the TrackOnline XML empty fields are also included by default in the export. In the Avalanche XML empty fields were not included; only fields with a value were shown. This means you may see more fields in the export from TrackOnline than you were used to with Avalanche. This is no cause for concern; if the XSD schema remains the same, this will not cause any issues when importing or processing the data. It has no functional impact on processing, provided the XML-parser handles this correctly.

Action: No action required, this is for your information.

- **Renamed fields**

Some fields in XML are new in the TrackOnline format compared to the Avalanche format. You can find which fields these are in the table below. These need to be adjusted in the mapping. Check how these changes may impact your organization and daily operations. Depending on your own technical expertise, you can make the adjustments yourself or it may be advisable to engage your software provider.

Action: Adjust the mapping of your import configuration

| Field name       | Present in Avalanche | Present in TrackOnline | Customer Explanation                                                                  |
|------------------|----------------------|------------------------|---------------------------------------------------------------------------------------|
| Selected         | No                   | Yes                    | New field indicating whether a transaction is selected. Mapping required if relevant. |
| Committed        | No                   | Yes                    | Indicates whether a transaction is confirmed. May influence processing.               |
| MatchInformation | No                   | Yes                    | Contains information about transaction matching. Only                                 |

|                                    |     |     |                                                                                              |
|------------------------------------|-----|-----|----------------------------------------------------------------------------------------------|
|                                    |     |     | relevant for matching processes.                                                             |
| MatchIndicatorId                   | No  | Yes | Numeric indicator for matching status. Mapping required if used.                             |
| MatchingTransactionId              | No  | Yes | Reference to linked transaction. Only relevant for matching.                                 |
| MatchingField                      | No  | Yes | Specifies the field used for matching. Optional mapping.                                     |
| CommitInfo                         | No  | Yes | Additional confirmation information. Only relevant if used.                                  |
| DepotId                            | No  | Yes | Identification of depot location. Mapping required if applicable.                            |
| DepotIdCounterpart                 | No  | Yes | Counterparty's depot location. Only relevant for return flows.                               |
| LocationAddressLine1Counterpart    | No  | Yes | Address line of the counterparty location. Mapping required for address processing.          |
| LocationPostalCodeCounterpart      | No  | Yes | Postal code of counterparty location. Mapping required for address processing.               |
| LocationStateOrProvinceCounterpart | No  | Yes | State or province of counterparty location. Only relevant for international shipments.       |
| LocationIsoCountryCodeCounterpart  | No  | Yes | ISO country code of counterparty location. Mapping required for international processing.    |
| Document                           | No  | Yes | Empty element, possibly a placeholder for document linking.                                  |
| Product                            | No  | Yes | Contains product information such as ProductId and ProductName. Mapping is required if used. |
| ReadOn                             | Yes | Yes | The date on which the tag was read. Check format during processing.                          |
| TransactionType                    | Yes | Yes | Transaction type. Check coding if changed.                                                   |
| Flow                               | Yes | Yes | Flow direction of transaction. Check value during interpretation.                            |
| Quantity                           | Yes | Yes | Quantity. Check negative values for returns.                                                 |
| DateTransaction                    | Yes | Yes | Transaction date. Format differs: local time vs. UTC (see previous bullet).                  |

|           |     |     |                                                                      |
|-----------|-----|-----|----------------------------------------------------------------------|
| CreatedOn | Yes | Yes | Creation date. Check format during processing (see previous bullet). |
|-----------|-----|-----|----------------------------------------------------------------------|

What does this mean for you as a customer?

- You will need to update your import configuration once to ensure compatibility with the new TrackOnline XML format.
- This may mean that you need to review your existing workflows or connections.

#### Questions?

Do you have any questions about the above? Please contact our [Customer Contact Centre](#). They will be happy to help you to make the switch as smoothly as possible.