



Department  
for Transport

# Fares Validator

## PTIC

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# Validation rules

## What is compliant?

The NeTEx schema is extremely flexible and the aim of the validation process is to bring greater standardisation to the form of NeTEx published on BODS. This means compliant files contain the same elements to express the same information

- Product name: defined location for public facing name of product
- Line id: provides basis for relating NeTEx fares data to TXC route & timetable data
- ProductType: e.g. singleTrip, dayReturnTrip, dayPass, periodPass
- UserType: e.g. adult, child, senior, schoolPupil
- TypeOfTariff: describe pricing structure e.g. flat, point\_to\_point, zonal
- Conditions of use limitations: RoundTrip, Frequency of Use
- SalesOfferPackage: PaymentMethod, DistributionChannel, TypeOfTravelDocument

# Benefits

## Standardisation and consistency

The standardisation of NeTEx files published to BODS provides both greater data quality by default, and also enables implementation of more sophisticated data quality analysis

- Mandatory elements ensure all data for a product is contained in the same xml file
- Data is more easily understood by downstream data consumers and will encourage greater take up of the data
- Introduction of Fares Data Catalogue to provide instant overview of fares data published to BODS
- Future evolution of reporting and analysis: whether each service has single tickets, if National Bus Strategy goals are being achieved

# Progress

## Validator compliance

All major systems producing NeTEx are progressing towards full compliance with the validator

- Validator requires small updates to account for carnet products and to rectify issue with CompositeFrame type
- Ticketer exports should be compliant once CompositeFrame issue is resolved
- Vix progressing towards full compliance
- NeTEx produced from Create Fares Data Service is compliant with the validator rules



# Questions