TransXChange Modules

TransXChange Tools

KEY FEATURES

- **TransXChange Importer** - Take TXC files into OmniTIMES for editing
- **TransXChange Exporter** - Write timetables into TXC format, ready for sending
- **TransXChange Viewer** - Handy, stand-alone TXC viewer
- Simply works with Omni**TIMES** data to produce results required by the schema

KEY BENEFITS

- Be prepared for the wider use of TransXChange
- Share data with multiple applications without multiple interfaces
- Stay at the leading edge of data integration

Make the most of your data

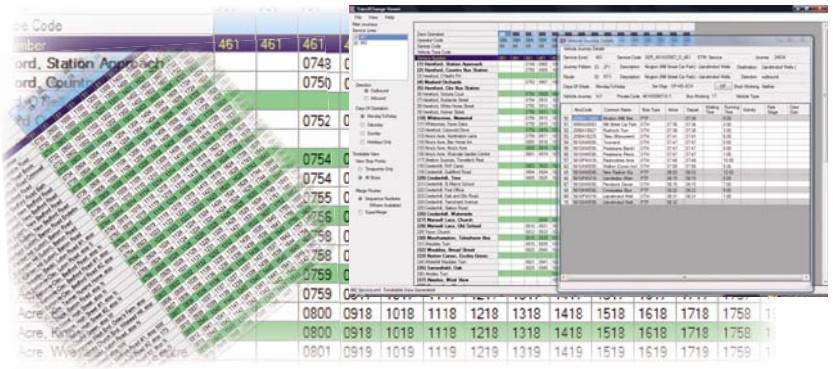
The modules link seamlessly with Omni**TIMES**. Have you also considered:

- Omni**STOP** - Produce stop displays
- Omni**EXPORT** - Timetable publicity
- Omni**FLAG** - Bus stop management
- Pocket**BUS** - Mobile performance monitoring

A core aspect of modern scheduling software is the need to interact and share information with other systems. Omnibus has always embraced these requirements, creating different interfaces to external systems. However, with the introduction of TransXChange data exchange is getting simpler. TransXChange is a new UK standard for exchanging public transport timetables and related data. It can be used both for Electronic Bus Service Registration with VOSA and the Traffic Area Network, and for the exchange of operational data with other systems such as journey planners, including those operated by Traveline, and real-time (RTPI) systems.

The Omnibus TransXChange Modules are developed to support reading and writing TXC 2.0 and all later versions of the standard, making the process as painless as possible. They are:

- **TXC Importer** - Imports journeys from a collection of TransXChange files into an Omni**TIMES** timetable database, preserving as high a level of detail as the source data allows, with options to control how multiple TransXChange journeys are to be split into separate timetables.
- **TXC Exporter** - Converts Omni**BASE** schedules information combined with Omni**TIMES** timetable trips into TransXChange format. It reduces the size of exported data by identifying journey patterns that can be referenced by multiple journeys. The exporter performs validation checks on the source data to help to pinpoint any data issues prior to producing a TransXChange file.
- **TXC Viewer** - Allows users to open and view TransXChange files on-screen. Users can drill down to inspect the full range of data including details of Services, Stop Points, Operators and Registrations and can export route definitions as geographic tracks for display in popular mapping applications.



Through integration with Omni**TIMES**, parties receiving data in TransXChange format can now easily make use of our other modules such as Omni**STOP** for bus stop displays, Omni**EXPORT** for publicity material and Pocket**BUS** for mobile performance monitoring. Let Omnibus do the hard work of making your timetables TransXChange ready with the Omnibus TransXChange Modules.

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