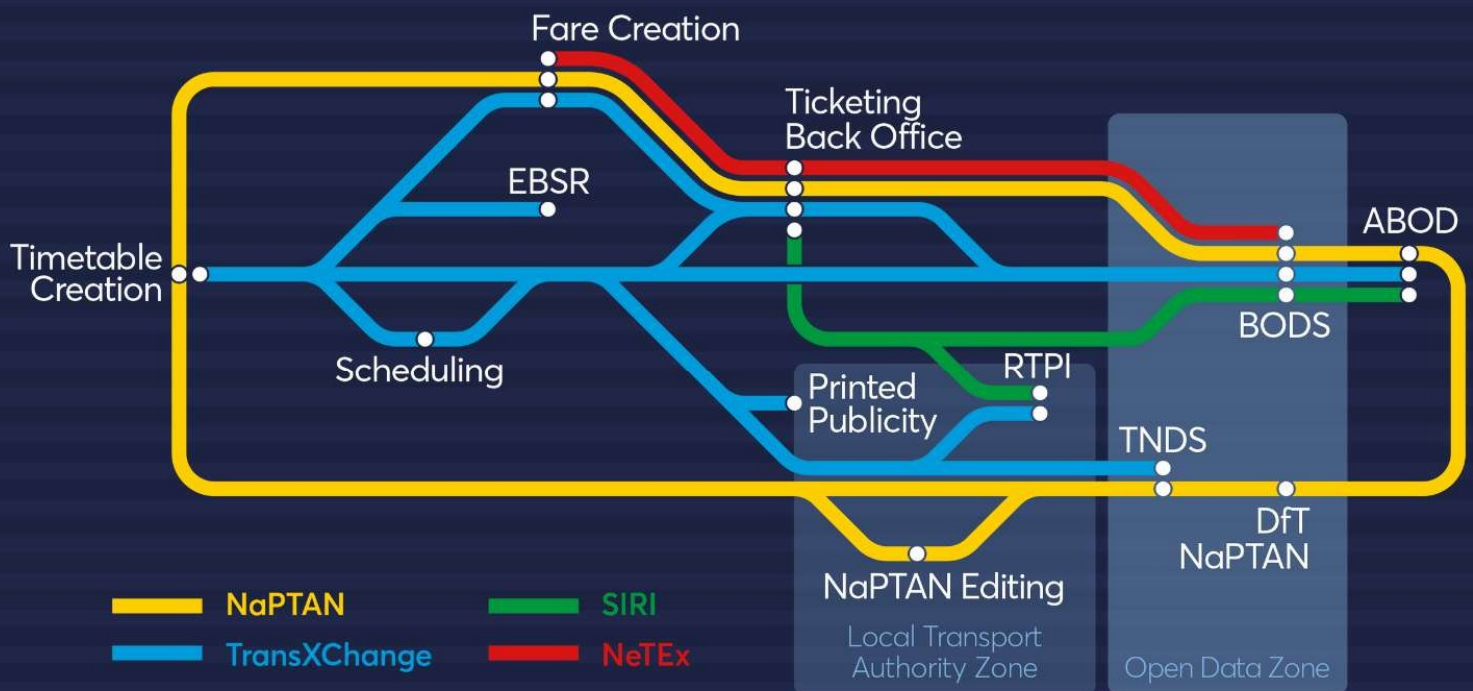




elydium

Better data. Better journeys.



Elydium Timetable Management Platform

G-Cloud 15 Service Definition

Better Data. Better Journeys.

Elydium was founded in 2019 with the vision to encourage modal shift by improving data quality and promoting data openness. We actively encourage collaboration and fully support the development of a thriving Open Data ecosystem encompassing operators, transport authorities, third-party suppliers and national government.

High-quality data ensures passengers clearly understand when and where they can travel – improving confidence, satisfaction and patronage. Elydium helps you get the best from your data by delivering:

- Reliable, consistent and compliant outputs
- Streamlined workflows
- Clear visibility of service changes
- Tools for operational, strategic and public-facing needs
- A modular platform that grows with you

Timetable Management Platform

The Elydium Timetable Management Platform is a cost-effective solution that facilitates the seamless and timely flow of high-quality timetable data. The platform plays the following key roles in the data workflow:

- Validation and import (from internal or third-party systems).
- Timetable version control (historic, current and future timetables).
- Consistent data exports (in TransXChange, GTFS, Excel and PDF formats).

By ensuring data quality at every step, the platform builds trust and empowers you to interpret, analyse and utilise timetable data in meaningful ways.

The core solution includes our best-in-class TransXChange import and export technology. BODS PTI-profile-compliant TransXChange files are quick and easy to produce, and a wide variety of other TransXChange “flavours” are supported by the platform. Optional modules include a data validation and upload portal, full timetable creation and editing, printed and online publicity, and NaPTAN editing.

The platform’s modular design allows you to tailor functionality to your precise operational and strategic needs. Pricing for most modules is aligned with your organisation size; please refer to the pricing document for full details.

Modules & Features

Timetable Manager (Core Module)

The foundation of the Elydium Timetable Management Platform:

- Scalable timetable database repository, protected by a secure API
- Multi-user, web-native interface for viewing service version validity, timetables and maps
- All timetables are organised by Unlimited operators supported
- Designed to manage multiple versions of each route as they develop over time
- Imports: EBSR, BODS PTI Profile, TransXChange 2.1 & 2.4
- Exports: BODS PTI Profile by default (customized TransXChange profiles can be configured if required)
- Configurable automated ingestion of TransXChange from an external source such as BODS or TNDS and/or through a drag-and-drop mechanism within the user interface
- Optional nightly automated TransXChange exports (e.g. to an S3 bucket)

Stagecoach [SDVN - SCD]

Group By: ☒ Registration ☐ Line

	January 2026					February 2026																March 2026						
	19	21	23	25	27	29	31	1	3	5	7	9	11	13	15	17	19	21	23	25	27	1	3	5	7	9		
PH1020951/3	18 (Rev: 2259)																											
PH1020951/6	31 (Rev: 2259)																											
PH1020951/11	12 (Rev: 2259)																											
PH1020951/12	120 (Rev: 2259)																											
PH1020951/15	32 (Rev: 2259)																											
PH1020951/20	24 (Rev: 2259)																											
PH1020951/22	17 (Rev: 2259)																											
PH1020951/27	55 (Rev: 2285)															55 (Rev: 2314)			55 (Rev: 2316)									
PH1020951/29	H (Rev: 2285)															H (Rev: 2314)			H (Rev: 2316)									
PH1020951/34	5, 5A, 5C (Rev: 2285)															5, 5A, 5C (Rev: 2314)			5, 5A, 5C (Rev: 2316)									
PH1020951/35	98, 98A, 99E (Rev: 2285)															98, 98A, 99E (Rev: 2314)			98, 98A, 99E (Rev: 2316)									
PH1020951/36	57 (Rev: 2285)															57 (Rev: 2314)			57 (Rev: 2316)									
PH1020951/38	4 (Rev: 2285)															4 (Rev: 2314)			4 (Rev: 2316)									
PH1020951/40	38 (Rev: 2290)																											
PH1020951/44	A (Rev: 2285)															A (Rev: 2314)			A (Rev: 2316)									

Service versions are viewed on an intuitive timeline, making it quick and easy to identify gaps/overlaps.

Viewing timetable for Stagecoach line(s) 12 [Outbound] (Rev: 2259) valid from 04.01.2026

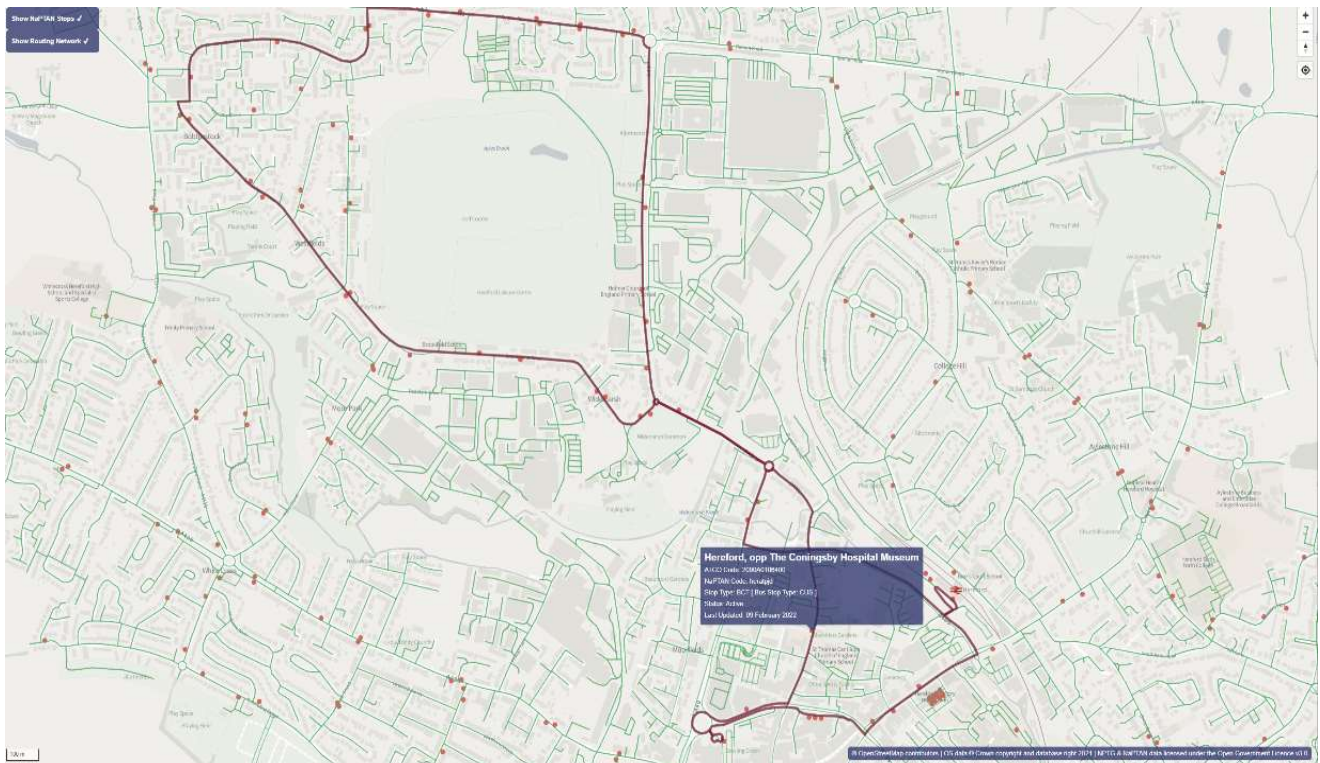
Select Weekday(s)
Sundays

Select Bus Working
All

Show Intermediate Stops

Bus Working (Block) Number	1200	1201	1203	1202	1204	1205	1206	1207	1208	1200	1201	1202	1203	1204	1205	1206	1207	1208	1200	1201	1202	1203	1204	1205	1206	1207	1208	
ETM Journey Code	501	503	507	505	509	511	513	515	517	519	521	523	525	527	529	531	533	535	537	539	541	543	545	547	549	551	553	
Contract Code																												
Trip Code	VJ2	VJ4	VJ5	VJ6	VJ8	VJ11	VJ13	VJ15	VJ17	VJ19	VJ21	VJ23	VJ25	VJ27	VJ29	VJ31	VJ33	VJ35	VJ37	VJ39	VJ41	VJ43	VJ45	VJ47	VJ49	VJ51	VJ53	
Track Code	RTO1	RTO1	RTO2	RTO1	RTO2	RTO2	RTO2	RTO2	RTO2	RTO2	RTO2	RTO2	RTO2	RTO2	RTO2	RTO2	RTO2	RTO2	RTO2	RTO2	RTO2	RTO2	RTO2	RTO2	RTO2	RTO2	RTO2	
Serviced Organisation Code																												
Destination Display	Brixh..	Brixh..	Brixh..	Brixh..	Brixh..	Brixh..	Brixh..	Brixh..	Brixh..	Brixh..	Brixh..	Brixh..	Brixh..	Brixh..	Brixh..	Brixh..	Brixh..	Brixh..	Brixh..	Brixh..	Brixh..	Brixh..	Brixh..	Brixh..	Brixh..	Brixh..	Brixh..	
Vehicle Type																												
Operator	SCD	SCD	SCD	SCD	SCD	SCD	SCD	SCD	SCD	SCD	SCD	SCD	SCD	SCD	SCD	SCD	SCD	SCD	SCD	SCD	SCD	SCD	SCD	SCD	SCD	SCD	SCD	
Depot (Garage) Code	SWTO	SWTO	SWTO	SWTO	SWTO	SWTO	SWTO	SWTO	SWTO	SWTO	SWTO	SWTO	SWTO	SWTO	SWTO	SWTO	SWTO	SWTO	SWTO	SWTO	SWTO	SWTO	SWTO	SWTO	SWTO	SWTO	SWTO	
Running Board Note																												
Special Days of Operation	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
Bank Holiday Variation	ABH	ABH	ABH	ABH	ABH	ABH	ABH	ABH	ABH	ABH	ABH	ABH	ABH	ABH	ABH	ABH	ABH	ABH	ABH	ABH	ABH	ABH	ABH	ABH	ABH	ABH	ABH	
Operating Bank Holidays	15300	15300	15300	15300	15300	15300	15300	15300	15300	15300	15300	15300	15300	15300	15300	15300	15300	15300	15300	15300	15300	15300	15300	15300	15300	15300	15300	
School Variation	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	
Week Days	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	
Weeks of Month	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	All	
Stop Name	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
Sherborne Road			0750p		0810p	0830p	0850p	0910p	0925p	0940p	1000p	1020p	1040p	1100p	1120p	1140p	1200p	1220p	1240p	1300p	1320p	1340p	1400p	1420p	1440p	1460p	1480p	
Cricketfield Surgery		0752		0812	0832	0852	0912	0927	0942	1002	1022	1042	1102	1122	1142	1202	1222	1242	1302	1322	1342	1402	1422	1442	1462	1482	1502	
The Avenue		0753		0813	0833	0853	0913	0928	0943	1004	1024	1044	1104	1124	1144	1204	1224	1244	1304	1324	1344	1404	1424	1444	1464	1484	1504	
Rail Station		0754		0814	0834	0854	0914	0929	0944	1005	1025	1045	1105	1125	1145	1205	1225	1245	1305	1325	1345	1405	1425	1445	1465	1485	1505	
Brunel Road		0755		0815	0835	0855	0915	0930	0945	1006	1026	1046	1106	1126	1146	1206	1226	1246	1306	1326	1346	1406	1426	1446	1466	1486	1506	
Penn Inn		0756		0816	0836	0856	0916	0931	0946	1007	1027	1047	1107	1127	1147	1207	1227	1247	1307	1327	1347	1407	1427	1447	1467	1487	1507	
Caravan Park		0800		0820	0840	0900	0920	0935	0950	1011	1031	1051	1111	1131	1151	1211	1231	1251	1311	1331	1351	1411	1431	1451	1471	1491	1511	
Furzedown Road		0801		0821	0841	0901	0921	0936	0951	1012	1032	1052	1112	1132	1152	1212	1232	1252	1312	1332	1352	1412	1432	1452	1472	1492	1512	
The Sloop		0802		0822	0842	0902	0922	0937	0952	1013	1033	1053	1113	1133	1153	1213	1233	1253	1313	1333	1353	1413	1433	1453	1473	1493	1513	
Southey Crescent		0803		0823	0843	0903	0923	0938	0953	1014	1034	1054	1114	1134	1154	1214	1234	1254	1314	1334	1354	1414	1434	1454	1474	1494	1514	
Manor Gardens		0804		0824	0844	0904	0924	0939	0954	1015	1035	1055	1115	1135	1155	1215	1235	1255	1315	1335	1355	1415	1435	1455	1475	1495	1515	
Coventry Farm		0805		0825	0845	0905	0925	0940	0955	1016	1036	1056	1116	1136	1156	1216	1236	1256	1316	1336	1356	1416	1436	1456	1476	1496	1516	
ALDI		0806		0826	0846	0906	0926	0941	0956	1018	1038	1058	1118	1138	1158	1218	1238	1258	1318	1338	1358	1418	1438	1458	1478	1498	1518	
Scotts Bridge		0808		0828	0848	0908	0928	0943	0958	1020	1040	1100	1120	1140	1200	1220	1240	1300	1320	1340	1400	1420	1440	1460	1480	1500	1520	
Torbay Hospital Annexe		0809		0829	0849	0909	0929	0944	0959	1021	1041	1101	1121	1141	1201	1221	1241	1301	1321	1341	1401	1421	1441	1461	1481	1501	1521	
Codewell Lane		0810		0830	0850	0910	0930	0945	1000	1022	1042	1102	1122	1142	1202	1222	1242	1302	1322	1342	1402	1422	1442	1462	1482	1502	1522	
Newton Road		0810		0830	0850	0910	0930	0945	1000	1023	1043	1103	1123	1143	1203	1223	1243	1303	1323	1343	1403	1423	1443	1463	1483	1503	1523	
Lowes Bridge		0811		0831	0851	0911	0931	0946	1001	1024	1044	1104	1124	1144	1204	1224	1244	1304	1324	1344	1404	1424	1444	1464	1484	1504	1524	
ASDA [Arr]	0725p	0745p	0812	0800p	0832	0852	0912	0932	0947	1002	1025	1045	1105	1125	1145	1205	1225	1245	1305	1325	1345	1405	1425	1445	1465	1485	1505	
ASDA [Dep]	0725p	0745p	0815	0800p	0835	0855	0915	0935	0950	1005	1028	1048	1108	1128	1148	1208	1228	1248	1308	1328	1348	1408	1428	1448	1468	1488	1508	
Shiphay Lane	0726	0746	0816	0801	0836	0856	0916	0936	0951	1006	1029	1049	1109	1129	1149	1209	1229	1249	1309	1329	1349	1409	1429	1449	1469	1489	1509	
Torre Station Newton Rd	0729	0749	0819	0804	0839	0859	0919	0939	0954	1010	1033	1053	1113	1133	1153	1213	1233	1253	1313	1333	1353	1413	1433	1453	1473	1493	1513	
Torre Village	0730	0750	0820	0805	0840	0900	0920	0940	0955	1011	1034	1054	1114	1134	1154	1214	1234	1254	1314	1334	1354	1414	1434	1454	1474	1494	1514	

Timetables are presented as a classic vertically oriented trip grid that supports filtering by operating weekday and/or bus working. The display can be toggled between “timing points only” and “all stops”.



Full GIS viewing capability is included as standard, with no end-user intervention required to perform base map, routing network or NaPTAN data updates.

Import & Export

Drop a TransXChange XML file (or ZIP file containing TransXChange XML files) here to import into 'My Services'

DOWNLOAD SERVICES FOR ALL OPERATORS AS TRANSXCHANGE 2.4 (PTI)

DOWNLOAD SERVICES FOR ALL OPERATORS AS GTFS

DOWNLOAD NOTTINGHAM CITY TRANSPORT [NCTR] SERVICES AS TRANSXCHANGE 2.4 (PTI)

DOWNLOAD NOTTINGHAM CITY TRANSPORT [NCTR] SERVICES AS GTFS

Zippped downloads only include current and future service versions. Service versions (including those that have expired) can be exported individually using the context menu on the timeline.

Imports and exports are quick and easy to initiate.

Timetable Editor

Adds full editing capability to the platform:

- Create or delete timetables
- Create, delete, copy, retime or edit trips
- Manage trip validity on weekdays, school days/holidays, bank holidays and other special days of operation
- Modify geographic route tracks
- Ideal for creating and managing data when a third-party scheduling or planning system is not available.

Timetable Comparison

Quickly identify changes between two timetables:

- “Compare with previous version” function available on each service version in the timeline
- Where the Upload Portal is used, any two TransXChange files can be uploaded and compared
- Useful for supporting tender evaluation, franchise submissions and change management

Contract Management

Capture and manage contract data:

- Store contract descriptions, values and validity dates
- Associate contracts with services and operators

GTFS Export

General Transit Feed Specification (GTFS) is commonly used by journey planners and app developers.

- Exports can be triggered manually or automated
- Export start and end dates can be configured
- Customisation of existing fields and addition of custom fields is available

Upload Portal

A powerful viewing, validation and submission gateway:

- View and validate any TransXChange file
- Customisable validation rules govern what is deemed “compliant”
- Allow operators or third parties to submit compliant files (non-compliant files are rejected)
- Submitted files are imported directly into the platform and are immediately visible to users
- Ideal for tender submissions, franchise compliance and regular timetable updates by incumbent operators

Printed Publicity

Generate high-quality outputs for public display:

- Excel and PDF timetable outputs
- Output by route or by stop
- Manual or batch generation (e.g. to S3)
- Custom template design available

Online Publicity API

Timetable and departure data for digital channels:

- Tabular timetable data (delivered as 2D JSON arrays)
- Route tracks (delivered as GeoJSON)
- Stop-specific departure lists and “next departures” functionality
- Designed for websites, apps and journey planners

BODS Snapshot Viewer

Complete visibility of all timetables and routes in England:

- View all “published” versions of all services for all operators, as they currently appear on the Bus Open Data Service (BODS)

BODS Operator Compliance Dashboard

Monitor data quality and compliance of your local operators against franchise requirements, BSIP KPIs or other locally agreed targets:

- Displays DfT compliance metadata and Elydium-generated statistics
- Highlights timetable and AVL data quality issues that may not have been picked up by the BODS platform
- Allows drill-down to specific files and services that have triggered warnings and errors

Pricing is based on the number of National Operator Codes (NOCs), with bands for up to 5, 10, 20, 50 and 50+ NOCs.

NaPTAN Editor

Manage NaPTAN data with ease:

- View and edit NaPTAN 2.4 attributes for Stop Points and Stop Areas
- Export NaPTAN zip files for DfT submission
- Read-only neighbouring ATCO areas available at no additional cost

Pricing is per managed ATCO area.

Key Features

UK Designed and Developed

Our solutions are designed and developed by UK-based software engineers and architects with more than twenty years' experience of delivering bus planning and scheduling solutions to the UK market.

We understand the ways in which UK requirements differ from those in other parts of the world – for example:

- Trips are vertically oriented, giving an intuitive view of timetables.
- Trips are built using a timing point vs. intermediate point model.
- Bus stops are associated with the NaPTAN data set but can also be given “local” names.
- Service registrations can be “split” or “merged” to create passenger timetables.

No Unnecessary Complexity

We are firm believers in keeping things as simple as they can be, so our users do not need to concern themselves with data modelling concepts such as “journey patterns” or “timing links”. Timetable viewing/editing is carried out using an intuitive grid, with the requisite TransXChange entities managed automatically “behind the scenes”.

High Performance

The service is optimised for fast processing of timetables in TransXChange and GTFS formats, so imports, exports and validation only take a matter of seconds – even for the largest services. Even though our database scales to support national data sets, switching between versions and operators is instant and does not require any cumbersome manual processes.

Security

Our APIs and web applications are protected with OAuth 2.0 authorisation with Proof Key for Code Exchange (PKCE). We also use OpenID Connect (OIDC) authentication and identity management to support federated identities.

Key Benefits

Scalability

The Elydium Timetable Management Platform is fully scalable – from a single operator to an entire country; we maintain copies of the full TNDS and BODS data sets within the platform to assess performance and stability.

Collaboration

We have wide experience of collaborating with third parties and encourage the integration of our services with existing software to create hybrid solutions that are tailored to your individual needs.

Value for Money

Elydium always aims to provide competitively priced services and solutions. We use a continuous development and incremental deployment methodology which means that:

- All customers get the benefit of service improvements and enhancements at no extra cost.
- We will never charge you to upgrade or migrate to our “new version”.

Flexibility

We are happy for our service to be used in the provision of bureau services – for example, to assist small local bus operators in meeting their BODS obligations or to manage data on behalf of a neighbouring authority. Our pricing structure is designed to support these types of working arrangements in a way that is fair to all parties.

Data Quality

Everything we do as an organisation is predicated on a desire to improve the quality of public transport for passengers:

Better Data. Better Journeys.