



ptie

Bus Open Data
SIRI VM Profile

SIRI-VM Requirement



Required from 7th January 2021



BODS SIRI VM Profile



Update Frequency

> 30 Seconds

< 10 Seconds

Key Considerations



As simple as possible



Supported as widely as possible now



Unique identifiers to enable matching of the planned timetables (TransXchange) to the location data (SIRI-VM)



Links to Routes & Timetables

Use of common data Standards – NOC, NaPTAN etc

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Links to Routes & Timetables

Use of common data Standards – NOC, NaPTAN etc

SIRI VM Elements

AVL Data

- Producer Ref;
- Vehicle Ref;
- Vehicle Journey Ref;
- Vehicle Location
- Recorded At (GPS timestamp)

Schedule Data

- Operator Ref;
- Published Line Name;
- Line Ref;
- Direction Ref;
- Origin Ref;
- Origin Name;
- Origin Aimed Departure Time;
- Destination Ref;
- Destination Name;
- Destination Aimed Arrival Time;

Publisher / Consumer



Publishers format
flexible

Meet minimum
requirement
Supply more
data
Accept what
exists



Consumer

Standardised
data set
BODS will be
processing to
standardise